

Darius J. Bägli, MDCM – January 2021

Biography: Darius Bägli is Professor of Surgery and Physiology at the University of Toronto, Former Associate Chief of Surgery from 2009-2019, and a Senior Pediatric Urologic Surgeon and Senior Associate Scientist at the Hospital For Sick Children and Research Institute in Toronto. Dr. Bägli received his MD at McGill University. He then completed General Surgery training at Boston University (84-86) and Urology Residency training in the Harvard Program Longwood (89-93), before Pediatric Urology Fellowship training at the University of Washington (93-95). He also completed a 3-year NIH post-doctoral training fellowship in immunology/oncology under Dr. Glenn Steele, Jr., MD, PhD, at the Deaconess Medical Center in Boston (86-89), as well as additional basic research fellow training under Dr. Michael Freeman at Boston Children's Hospital & Harvard Medical School from 1990-91, and at the University of Washington (94-95). He joined Sickkids Hospital and the University in 1995 and was promoted to Full Professor at the University of Toronto in 2012. For many years, Dr. Bägli has also held a graduate appointment in the Institute for Medical Sciences at the University of Toronto and actively trains and mentors clinical fellows and graduate students.

Dr. Bägli's research career has focused on non-cancer pathophysiology of the lower urinary tract with an emphasis on smooth muscle cell and molecular biology. His emphasis in the last decade has been on the epigenetic regulation of smooth muscle differentiation in response to cell interactions with the extracellular matrix, as well as in defining host epigenetic responses to urinary tract infection. He has been continuously funded for over twenty-five years variously by the Kidney Foundation of Canada, the March of Dimes Birth Defects Foundation, the American Urological Association Research Foundation, and the Canadian Institutes of Health Research (CIHR). He has also held collaborative funding through the NIH with colleagues in the United States.

Dr. Bägli is on the Editorial Board of the *Advances in Urology* and reviews for a broad range of clinical and basic science journals. He has been an active member of the SBUR since 2001. He received the SBUR Service Award in 2004 for launch of our first SBUR website and was named the SBUR's AUA Lecturer in 2013. He is presently in his second 3-year term serving on the Research Council of The AUA Research Foundation and its Research Advocacy Committee and is a founding member of the Research Council for the European Society for Pediatric Urology. In 2015, Dr. Bägli was the Basic Science Lecturer for the Joint Meeting of the European Society for Pediatric Urology and Societies For Pediatric Urology in Prague. In 2012, Dr. Bägli was the first-ever pediatric urologist to be named Distinguished Mentor by the American Urological Association for lifetime contributions to research and training. Trained both in Science and in Music at McGill, Dr. Bägli is also an accomplished and active concert pianist.

Research Interests: Dr. Bägli's research focuses on mechanistic studies of tissue remodeling in the urinary bladder. His initial work made principal discoveries in mechanotransduction in bladder smooth muscle by defining unique non-vascular smooth muscle cell mechanical cues regulating signal transduction specific to bladder smooth muscle. Since then, by examining the added roles of hypoxia and the extracellular matrix (ECM) relevant to bladder obstruction, his laboratory defined the mammalian target of rapamycin as a coordinating signaling node for smooth muscle phenotype regulated by strain, hypoxia and the ECM. By extension, rapamycin and its downstream partners were revealed to be potential novel non-cholinergic therapeutic targets to regulate bladder response to obstruction injury *in vivo*.

His recent development of novel models of mouse bladder obstruction with high reproducibility, significantly lowered background gene and physiologic responses in shams, with virtually no mortality have led to creation of new models of bladder obstruction which—*depending on when obstruction is removed*—show reversible vs. permanent (irreversible) physiological, functional, and molecular changes, similar to the human condition. These reversible vs. irreversible disease models also show unique methylation signatures. Interestingly, Dr. Bägli previously showed the ECM to be a potent regulator of the bladder smooth muscle methylome, leading to persistent epigenetic changes despite re-exposure to normal bladder ECM. This *in vitro* finding is now correlating *in vivo* with signs of

epigenetic scar in bladder smooth muscle cells induced by the bladder ECM itself, extracted from irreversible-obstructed bladders.

An additional focus in our group has been to explore epigenetic responses of the host uroepithelium (UE) to bacterial infection. We were the first to define an epigenetic response in host UE to uropathogenic (UPEC vs. non-uropathogenic) *E. coli*. Specifically, UPEC induces hypermethylation and down regulation of p16, a principal growth suppressor of UE, which may underly the hyperproliferation of UE during the infection response. Similarly, we reported on expression of another epigenetic writer, EZH2, coordinate with UE proliferation in response to UPEC infection. The significance of this line of investigation is that an enduring epigenetic signature in host UE following urinary tract infection (UTI) may provide clinical clues or biomarkers that can discriminate subsequent infection risk and response in patients. This would have profound implications for the global indiscriminate use of prophylactic antibiotics as well as on the rational selection of patients for pre-emptive surgery to correct anatomic abnormalities associated with UTI.

Vision Statement: Urology research is at a cross-roads. In my many roles and fora advocating for urology research over the past 2 decades, I have always been stuck by how little non-urologists understand this specialty. I often describe the field of Urology as a medical 'United Nations' of sorts: a loosely knit collection of relatively free-standing subdivisions (e.g., andrology, cancer, incontinence, pediatrics, stones, etc) that fall under the umbrella of 'Urology'. This reality has long detracted from the formation of a singular image for Urology by non-urologists, one that comes more easily or obviously to other branches of medicine and surgery. By extension, despite the SBUR name, basic research in Urology is marked by this same struggle to unify these subdisciplines under one umbrella. Furthermore, the drastic change in the landscape of biology, research, and discovery triggered by the COVID pandemic is yet another turbulent force with which the SBUR will be reckoning for years to come.

I will address the following key issues if I have the honor of being elected SBUR Vice-President:

1) Enhance the nature of research represented within the SBUR: The biomedical research world is massive. And urology is often misunderstood by that larger world. I see that as an opportunity. Though the SBUR, I would act as an Ambassador for Urology Research, to represent the many varied constituencies of urology research to urologically-naïve scientists, students, and investigators. To grow urology research's critical mass, these individuals must become our allies and collaborators. It is important to take urological problems to the wider research community and have them come to understand how we can help each other achieve discovery together. The fact we represent more basic approaches to investigation should be an advantage in finding rich new opportunities with basic investigators currently outside urology. I do not believe the future success and discoveries of *any* branch of health science will be best served by thinking in an insular fashion within its own ranks.

Along these lines, it will also be important to emphasize, seek, and promote opportunities to link mechanisms and discoveries in *non-cancer urologic disease* with those in *cancer*, and *vice versa*. The SBUR has long struggled with the cancer / non-cancer imbalance in its image. While recent strides have been made to recalibrate this trajectory, moving forward, it may be particularly enticing to deliberately find ways to promote the applicability 'non-cancer advances to cancer biology' and 'cancer advances to non-cancer biology'. Seeking such common ground may reveal deeper insights for both areas. We must also be aware that COVID and future pandemics will hold significant potential for untapped discovery in all branches of health research including urologic research.

2) Sustain and grow the SBUR membership: All researchers begin as trainees. Yet, some fields in medicine have the unintended consequence of eating their young, or at least having them fend for themselves. The SBUR has great potential to heighten its role in mentorship by forging new alliances with urological training (residency) programmes, graduate schools nationally and internationally, and with medical schools to bring relevance and excitement to young people deciding on a potential research and urological research focus in their careers. Similarly, self-described non-urological (for now!) researchers can be a tremendous source of new talent within the ranks of the SBUR. Similar

strategies described in 1. above have the potential to attract fresh new scientist members to enhance research collaboration and cross-fertilization for the mutual benefit of all researchers. I would work closely with the Trainee Affairs and Membership Committees to seek new ways to attract and support trainees and presently non-urology researchers to become active long-term members fully engaged with Society activities, encouraging them to pay-it-forward in their later years.

3) Strengthen the fiscal health of SBUR: The funding of training, education, and networking resources to SBUR members is fundamental to its mission. By seeking to broaden our potential member base as described above, we may develop new opportunities and strategies to ensure continued financial growth of SBUR to provide even greater value to its members and the research community at large. I will work closely with the Treasurer and SBUR management to devise new approaches to fundraising to ensure our long-term financial viability.

Curriculum Vitae

Darius Jehan Bägli

A. Date Curriculum Vitae is Prepared: 2020 October 6

B. Biographical Information

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|----------------|--|
| Primary Office | The Hospital for Sick Children Division of Urology, Suite M-292 555 University Avenue Toronto, Ontario, Canada M5G 1X8 |
| Telephone | 416-813-6899 |
| Fax | 416-813-7869 |
| Email | darius.bagli@sickkids.ca |

1. EDUCATION

Degrees

| | |
|-------------|--|
| 1977 - 1980 | L. Mus. Piano Performance, McGill University, Montreal, Quebec, Canada |
| 1984 | M.D., C.M. McGill University, Montreal |
| 1980 | BSc, Physiology, McGill University, Montreal |
| 1977 | D.E.C. Marianopolis College, Montreal |

Postgraduate, Research and Specialty Training

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|-------------|--|
| 1994 - 1995 | Senior Fellow (Research) & Acting Instructor, Pediatric Urology, Children's Hospital and Dept. of Urology, University of Washington, Supervisor(s): Dr Michael E. Mitchell |
| 1993 - 1994 | Clinical Fellow, Pediatric Urology, Children's Hospital and Dept. of Urology, University of Washington, Seattle, Supervisor(s): Dr Michael E. Mitchell |
| 1992 - 1993 | Chief Resident, Program in Urology, Harvard, Boston, Supervisor(s): Dr Jerome P. Richie |
| 1991 - 1992 | Senior Resident, Program in Urology, Harvard, Boston, Supervisor(s): Dr Jerome P. Richie |
| 1990 - 1991 | Research Resident, Developmental/Cell Biology, Program in Urology, Harvard, Boston, Supervisor(s): Dr Jerome P. Richie & Dr Michael Freeman Ph.D. |
| 1989 - 1990 | Junior Resident, Program in Urology, Harvard, Boston, Supervisor(s): Dr Jerome P. Richie |
| 1986 - 1989 | NIH Research Fellow, Immunology/Oncology, Laboratory of Cancer Biology, Harvard Medical School, Boston, Supervisor(s): Dr Glen Steele Jr. |
| 1985 - 1986 | Surgical Resident, Surgery Program, Boston University, Boston, Supervisor(s): Dr James Menzoian |
| 1984 - 1985 | Surgical Intern, Surgery Program, Boston University, Boston, Supervisor(s): Dr James Menzoian |

Qualifications, Certifications and Licenses

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|-------------|--|
| 2019 -2020 | Certificate Program in Artificial Intelligence in Healthcare, The Michener Institute, Toronto Ontario, Canada. |
| 2017 | Certificate of Completion: IDEAS Advanced Learning Program, University of Toronto, Faculty of Medicine, Continuing Professional Development, Toronto, Ontario, Canada. |
| 2008 | Certificate, Fundamentals of University Teaching, Office of Teaching Advancement, University of Toronto, Toronto, Ontario, Canada |
| 2005 - 2018 | Re-Certification, American Board of Urology, United States |
| 1999 | Fellow (F.A.C.S.), American College of Surgeons, United States |
| 1999 | Fellow, Society for Pediatric Urology |
| 1999 | Fellow, Section on Urology, American Academy of Pediatrics, United States |
| 1998 | Fellow, Royal College of Physicians and Surgeons of Canada, Canada |
| 1998 | Certification, Urology, Royal College of Physicians and Surgeons of Canada, Toronto, Ontario |
| 1998 | Certification, American Board of Urology |
| 1996 | License, College of Physicians and Surgeons of Ontario, Toronto, License / Membership #: 69530 |
| 1993 | Certification - Part I, American Board of Urology |
| 1993 | Washington State Medical License, License / Membership #: MD00030827 |
| 1986 | Massachusetts Medical License, License / Membership #: 58725 |
| 1984 | Diplomat, National Board of Medical Examiners |

2. EMPLOYMENT

Current Appointments

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|-----------------------|--|
| 2012 Jul - present | Professor, Department of Physiology, University of Toronto, Toronto, Ontario, Canada |
| 2010 Apr 14 - present | Professor of Surgery, Surgery, Faculty of Medicine, University of Toronto |
| 2008 Apr 1 - present | Associate Surgeon-In-Chief, Department of Surgery, The Hospital for Sick Children, Toronto, Ontario, Canada |
| 2005 Jul - present | Full Member, Institute for Medical Sciences (IMS), University of Toronto, Toronto, Ontario, Canada |
| 2003 Nov - present | Staff, Lithotripsy Unit, St. Michael's Hospital, Canada |
| 2002 - present | Associate Chief, Division of Urology, The Hospital for Sick Children, Toronto, Ontario, Canada |
| 1998 Jul - present | Associate Scientist, The Hospital for Sick Research Institute, Toronto, Ontario, Canada |
| 1996 Jul - present | Staff Urologist, The Hospital for Sick Children, Toronto, Ontario, Canada |
| 2007 Jul | Senior Associate Scientist, Developmental & Stem Cell Biology, The Hospital for Sick Children Research Institute |

Previous Appointments

HOSPITAL

1995 Jul - 1996 Jan Clinical Fellow/Acting Staff, The Hospital for Sick Children, Toronto, Ontario, Canada

UNIVERSITY

2002 Jul - 2005 Jun Associate Member, Institute for Medical Sciences (IMS), University of Toronto, Toronto, Ontario, Canada

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UNIVERSITY - CROSS APPOINTMENT

2011 Jul 1 - 2012 Jun 30 Professor, Department of Physiology, University of Toronto

UNIVERSITY - RANK

2002 - 2010 Associate Professor of Surgery, Surgery, Faculty of Medicine, University of Toronto

1995 - 2002 Assistant Professor, University of Toronto, Toronto, Ontario, Canada

3. HONOURS AND CAREER AWARDS

Distinctions and Research Awards

INTERNATIONAL

Received

- 2012 **Basic Science Prize**, European Society for Pediatric Urology, Zürich (de), Switzerland.
(Research Award)
Karen Aitken Presenter.
- 2012 **Distinguished Mentor**, American Urological Association Research Foundation
- 2011 - 2012 **1st Prize Basic Science**, American Academy of Pediatrics
- 2009 **1st Prize Basic Science Kelm Hjalmas Prize**, European Society For Pediatric Urology
Bladder Microenvironments Regulate Stem Cell Smooth Muscle Differentiation. Tolg, C, (presenter).
- 2009 **2nd Prize Basic Science**, American Academy of Pediatrics Section on Urology Annual Meeting, Washington, District of Columbia, United States.
for-Rapamycin Inhibits Proliferative Signals From Three Coordinate Stimuli Presenter -Aitken, KJ.
- 2007 **Pediatrics Prize**, American Urological Association Best Paper
Comparative Analysis of Tubularized Incised Plate Versus Onlay Island Flap Urethroplasties for Penoscrotal Hypospadias.
- 2001 **1st Prize Basic Science**, American Academy of Pediatrics Section on Urology, New Orleans.
- 2001 **2nd Prize Basic Science**, American Academy of Pediatrics Section on Urology, New Orleans.
- 1999 **First Prize Research Award**, American Academy of Pediatrics (Urology), United States.
Pramod Reddy Presenter.

PROVINCIAL / REGIONAL

Received

- 2012 Feb **First Prize**, Ontario Preclinical Imaging Consortium. (Research Award)
Optical assessment of anisotropy in ex vivo rat bladders during distension.

LOCAL

Received

- 2014 Apr **2nd Prize Prize Clinical Research**. (Research Award)
Josie Walter Surgical Research Day - Impact of Hydration state on Pediatric Hydronephrosis toward uniform ultrasonographic assessment.
- 2011 Jul - 2012 Jun **Post-Doctoral Fellowship Award for Urology Research**, The Hospital for Sick Children.

- (Research Award)
- 2003 **1st prize Basic Science**, Robson Research Day
For Stat 3 Kinase in Bladder Stretch Injury (Sarel Halachmi presented).
- 2003 **2nd Prize Basic Science**, Robson Research Day
For Dissociated autologous urothelial grafting for bladder augmentation in a porcine model (John Hodapp presented).
- 2003 **2nd Prize Clinical Research**, Robson Research Day
Robson Research Day for The role of bacterial infection in pediatric acute epididymo-orchitis (Sarel Halachmi presented).
- 1980 **McConnell Entrance Scholarship**, McGill University, Canada.
- 1980 **R.E. Powell Entrance Scholarship**, McGill University, Canada.

OTHER

Received

- 2014 Apr **Named to Presidents Circle**, The Hospital for Sick Children. (Distinction)
- 2008 **CUA 5-Star Award**, Canadian Urological Association
For the moderated poster entitled Single-Surgeon Evolution of Maneuvers Impacting Fistula Formation in Tubularized Incised Plate Hypospadias 63rd Annual Meeting of the Canadian Urological Association. 2008.
- 2004 **Service Award**, Society for Basic Urologic Research
Received at the Spring 2004 annual meeting in recognition of your tremendous efforts, valuable service and insight in structuring and expanding the SBUR website and maintaining its function at a professional level.
- 1986 - 1989 **Surgical Research Service Award**, National Institutes of Health

Teaching and Education Awards

LOCAL

Received

- 2016 Apr **Project Award of Excellence**, Faculty of Medicine, Medical Assessment Board of Examiners, London, Ontario, Canada
Summer Research Project - Nick Katsieris.

4. PROFESSIONAL AFFILIATIONS AND ACTIVITIES

Professional Associations

- 2010 **Member**, Ontario Stem Cell Initiative | Scientists
- 1999 **Member**, Society for Pediatric Urology
- 1998 American Board of Urology
- 1996 **Member**, Canadian Academy of Urological Surgeons
- 1996 Society for Basic Urologic Research
- 1995 **Affiliate Member - Urology**, American Academy of Pediatrics
- 1995 Canadian Medical Protection Association
- 1995 Ontario / Canadian Medical Association

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1994 **Member**, American Urological Association
1986 American College of Surgeons - Candidate Group
1984 - 1986 Massachusetts Medical Society

Administrative Activities

INTERNATIONAL

Other Organizations

2012 - present Hospital Delegate, International Society for Pediatric Innovation

American Urological Association

2017 **Session Chair**, American Urological Association Annual Meeting, Boston, Basic Sciences Symposium "*Function and Dysfunction of Stem Cells, Regeneration, and Repair in Urology*"
2014 - 2017 American Urological Association Research Council
2017 **Member**, Organizing Committee, American Urological Association Boston, Basic Sciences Symposium
2017 **Chair**, American Urological Association Boston, Basic Sciences Symposium: Developmental Principles in Regeneration - Introduction

European Society for Pediatric Urology

2016 – present Research Council – Founding member (Basic Science Committee: 2016 2017 2018)
2016 Jun 22 - 2016 Jun 25 S2-Basic Research 2, Harrogate, York, United Kingdom.

Sickkids International

2010 Jun 18 - 2010 Jun 26 Invited Advisor on: Perioperative Services planning for Hamad Medical Corporation Children's Hospital Project, Doha, Qatar.

NATIONAL

Canadian National Urological Research Alliance

1999 - present **Member**, Working Group

PROVINCIAL / REGIONAL

Ontario Hospital Association

Member, Ontario Provincial Surgical Safety Checklist Implementation Toolkit, Ontario, Canada.

LOCAL

Faculty of Medicine, University of Toronto

2015 - 2016 Faculty of Medicine, Department of Physiology, Renal Physiology Section, Toronto, Ontario, Canada.
2014 - 2015 Decanal Promotions Committee

The Hodges Education Scholarship International Symposium

2014 - present PAC Committee Member, Toronto, Ontario, Canada.

The Hospital for Sick Children

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|----------------------|---|
| 2020 September 11 | Examiner (PhD Degree Peter Urbanellis), Toronto, Ontario, Canada. |
| 2020 | PAC Committee Member (PhD Degree Peter Urbanellis,) Toronto, Ontario, Canada |
| 2020 | PAC Committee Member (MSc, Masters Degree Laura Mazilescu,) Toronto, Ontario, Canada. |
| 2017 | The Provincial Council on Maternal and Child Health, Pediatric Levels of Care Working Group |
| 2017 | Sickkids Clinical Research Secretariat Working Group |
| 2017 | EPIC Physician Advisory Council |
| 2017 | EPIC-POCU Leaders Working Group |
| 2017 | EPIC Surgeon Champion – EPIC EMR Installation |
| 2017 | Utilization Management Committee |
| 2017 | Bioethics Advisory Committee |
| 2017 | Organizer: Mini-Hackathon with Cossette Health: Urology & Psychiatry: Creative Solutions For Ambulatory Wait Times |
| 2016 Nov | Sickkids Innovation Expo |
| 2014-2017 | Steering Committee, Sickkids Innovation Expo |
| 2014 | Clinical Champion for GTA West Diagnostic Imagery Consortium |
| 2014 | Windows 7 Migration Implementation Steering Committee |
| 2014 | Music Therapy Selection Committee |
| 2013 | Founding Member, Innovation Acceleration Team |
| 2012 Jul 1 - present | Re-Visioning Sickkids Ambulatory Care Cmte (Chair: Melody Hicks), Toronto, Ontario, Canada. |
| 2012 Jul 1 - present | PeriOp Continuous Improvement Program (CIP) Team (Chair: Michael Hartman), Toronto, Ontario, Canada. |
| 2012 Jul 1 - present | ARMS Superuser Advisory Committee, Toronto, Ontario, Canada. |
| 2012 Jul 1 - present | Clinical Informatics Advisory Group (Chair: Helen Edwards), Toronto, Ontario, Canada. |
| 2012 Jul 1 - present | Appropriateness of Care Committee (Chairs: Stephen Porter & Pam Hubley), Toronto, Ontario, Canada. |
| 2012 Jul 1 - present | Enterprise Mobile Communications Steering Committee (Chair: Maureen Maloney), Toronto, Ontario, Canada. |
| 2012 Jul 1 - present | Innovation Acceleration Group (Chair: Jennifer Rosart), Toronto, Ontario, Canada. |
| 2012 Jul 1 - present | Innovations Working Group Charter Member (Chair: Shiraz Bajwa), Toronto, Ontario, Canada. |
| 2012 Jul 1 - present | Paediatric Arterio-Venous Fistula Programme Team (Chair), Toronto, Ontario, Canada. |
| 2012 - present | PAC Committee Member (M.Sc, M.Ed Institute for Medical Sciences, four student committees), Toronto, Ontario, Canada. |
| 2012 - present | Department of Surgery Representative Medical Advisory Committee |
| 2011 - present | PAC Committee Member (Pd.D Medical Biophysics), Toronto, Ontario, Canada. |
| 2011 - present | PAIN Centre Executive Committee, Toronto, Ontario, Canada. |
| 2010 - present | Chair: Patient Centered Care & Communication Task Force, Toronto, Ontario, Canada. |
| 2009 May - present | Member , Adolescent Transition Care Program Grant Review Panel, Toronto, Ontario. |
| 2008 - present | Perioperative Services Chief Committee, Toronto, Ontario, Canada. |
| 2008 - present | Perioperative Services Advisory Committee (POSAC), Toronto, Ontario, Canada. |
| 2008 - present | OR Executive Committee, Toronto, Ontario, Canada. |
| 2006 Apr 1 - present | Chair , New Hospital Task Force: The Family Experience In The Department of Surgery |
| 2003 Feb - present | Member , Centre of Excellence/Reconstruction Congenital Anomalies, Strategic Plan, |

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Toronto, Ontario.
2003 Feb - present **Member**, Revision of Consent to Treatment, Toronto, Ontario.
2012 Jul 1 - 2013 Jun 30 OR Renovations & Reengineering Committee (Chair: Shirley Yee), Toronto, Ontario, Canada.
2012 Jul 1 - 2013 Jun 30 Mobile Applications Development and Governance Framework Committee (Chair: Avery McLean), Toronto, Ontario, Canada.
2010 - 2013 Patient Centered Care & Communication Super Task Force (Chair), Toronto, Ontario, Canada.
2010 - 2011 Surgical Safety Checklist Implementation Taskforce, Toronto, Ontario, Canada.
2009 Jan - 2009 Dec **Co-Designer**, Perioperative Services Leadership Program, Ontario, Canada.
Surgeon Leader Partnering with Human Resources (Sick Kids) and the Rotman School (U of T) to develop Needs Assessment and subsequent design of leadership training program for Perioperative Services Leaders and CHS Directors.

University of Toronto, Faculty of Medicine

2006 Jul - present Sickkids Coordinator - Residency Research Programme, Urology Faculty Council, Faculty of Medicine, Dept of Medicine, Urology, Toronto, Ontario.
2003 Oct 1 - present **Member**, Department of Surgery Research Committee
1997 Jul - present **Urology Designate**, Medical Ethics for Teaching
2012 Sep - 2015 Sep Institute of Medical Science Appointments Committee, Faculty of Medicine, Dept of Surgery, Institute of Medical Science, Faculty Development, Toronto, Ontario, Canada.

OTHER

Other Organizations

Organizer, VUR Symposium "courses/symposia"

American Academy of Pediatrics

2008 **Member**, Basic Science Review Committee
2003 Nov - 2004 Oct **Moderator**, Basic Science Committee

Kidney Foundation of Canada

2001 - 2004 **Member**, Biomedical Research Grants Panel

National Institutes of Health

1998 - 2009 **Member**, Bladder Research Grants Panel

OHA / MOHLTC

2009 - present **Member**, Surgical Safety Checklist Provincial Working Group
Pediatric Surgery.

Research Institute

1997 Feb - present **Member**, Research Ethics Board - IRB

Society for Basic Urological Research

1994 - present **Chair**, Website Committee
1997 - 1998 **Member**, Membership Committee

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The Canadian Continence Foundation

1998 Mar - 2005 Oct **Member**, Governing Board

The Hospital for Sick Children

2008 Oct **Member**, Grants Panel, Perioperative Care Unit Information Services Steering Committee, Toronto, Ontario.
2008 Apr **Associate Surgeon - in - Chief**, Perioperative Care Unit, Executive Committee, Toronto, Ontario.
2008 Jan - 2008 Dec **Member**, Pain Centre Executive Committee, Toronto, Ontario.
2007 Oct **Member**, IT Privacy Steering Committee, Associate Surgeon - in - Chief, Toronto, Ontario.
2003 Mar - 2005 Jan **Associate Chair**, Research Ethics Board/Institutional Review Board - REB/IRB, Toronto, Ontario.
2001 Jan - 2005 Feb **Surgery Member**, Trainee Start-Up Fund Review Committee, Toronto, Ontario.
1999 - 2006 **Surgical Member**, Research Ethics Board, Toronto, Ontario.

University of Toronto, Faculty of Medicine

2007 Jul - present **Sickkids Representative**, Urology Program Committee
2008 May 2 **Judge**, 34th Annual Gallie Day, Faculty of Medicine, Toronto, Ontario.
2008 Apr 3 **Judge**, Urology Robson Research Day, Toronto, Ontario.
2007 May **Judge**, Charles J. Robson Research Symposium
2006 - 2009 **Member**, MSc. Degree Program Advisory Committee, (IMS), Faculty of Medicine, Dept of Medicine, Graduate Education
2005 Jan **Member**, Department of Surgery Research Committee
2002 May **Judge**, Gallie Day Poster Competition, Department of Surgery, Research Committee
1997 Jul - 1998 Jun **Coordinator**, Urology Resident Teaching Seminar Series
1997 Feb **Judge**, Urology Robson Research Day, Toronto, Ontario.
1996 - 1997 **Judge**, Urology Robson Research Symposium, Department of Surgery Committee

Peer Review Activities

ASSOCIATE OR SECTION EDITING

Other

2008 - present Advances in Urology (Basic Research)
2008 - present Advances in Urology (Pediatric Urology)

GRANT REVIEWS

External Grant Reviewer

2005 - present American Foundation For Urological Disease
2010 Jun 3 National Institutes of Health, NIDDK Grant Study Section, Number of Reviews: 9
1999 National Institutes of Health, NIH REA for Bladder Disease

Reviewer

2015 - present AUA Research 2015 "Rising Stars Grant Competition" American Urological Association
2009 May - present New Ideas Grant Competition Review Panel, Sick Kids Hospital, Toronto, Ontario
2009 - present North Eastern - American Urological Association

Experimental Medicine, Primary Reviewer

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2009 May - present Canadian Institutes of Health Research (CIHR) Grants Panel
Grant Panel Reviewer
2009 Jun - present American Urological Association
Grants Panel Reviewer
2009 Jun - present American Urological Association
Primary Reviewer
2009 May - present Canadian Institutes of Health Research (CIHR), Experimental Medicine, Grants Panel
Other
2009 - present Grant Committee, Young Investigator Award, American Urological Association New England Section

MANUSCRIPT REVIEWS

Journal Reviewer
1999 - present Differentiation
1999 - present Journal of Urology
Reviewer
2014 - present Cells, Tissues and Organs
2012 Jul 1 - present Laboratory Investigation
2011 Jul - present Journal of Pediatric Urology
2010 Jul - present European Journal of Urology
2010 Jul - present Urology (Gold Journal)
2009 Jan - present American Journal of Pathology
2008 - present Journal of Pediatric Urology
2005 - present American Journal of Pathology
2000 - present Urology (Gold Journal)
2012 Jul 1 - 2013 Jun 30 Early Human Development.

GRANT REVIEWS

Grants Panel Reviewer
2009 Jun - present American Urological Association
Primary Reviewer
2009 May - present Canadian Institutes of Health Research (CIHR), Experimental Medicine, Grants Panel

MANUSCRIPT REVIEWS

Journal Reviewer
1999 - present Differentiation
1999 - present Journal of Urology

BASIC RESEARCH ABSTRACTS

On-Line Reviewer
2015 Oct 14 - 2015 Oct 17 European Society for Paediatric Urology

OTHER

Reviewer

2009 - present Therapeutic Advances in Urology
2007 - present Tissue Engineering
2006 - present British Journal of Urology Int.

Other Research and Professional Activities

RESEARCH PROJECT

2010 Nov 15 - 2010 Nov 16 **Scientific Advisory Panel Chair.** Research Institute External Scientific Review. Children's Hospital (Boston), Boston, Minnesota, United States.

C. Research Funding

1. GRANTS, CONTRACTS AND CLINICAL TRIALS

PEER-REVIEWED GRANTS

FUNDED

2016 - 2017 **Supervisor.** 2016-17 Institute of Medical Science International Fee Subsidy Award. Institute of Medical Science. Collaborator(s): David Rojas - Recipient. 6,000 CAD. [Grants]

2015 **Principal Investigator.** Development of a web-based micro-surgical skills surgical practice platform. Preoperative Services Innovation Fund. Preoperative Services Innovation Fund. Collaborator(s): Grober, Ethan, Dubrowski, Adam, Odeh, Rakan. 10,000 CAD. [Grants]

2014 Oct **Principal Investigator.** An Interactive E-Learning Platform to Enhance Teaching and Learning of Loupe Microsurgical Skills. Canadian Institute for Health Research. Perioperative Services Innovation. Proposal 83. Collaborator(s): Odeh, Penna, Grober, Dubrowski. 10,000 CAD. [Grants]

2014 **Mentor/Supervisor.** Chris Sotiropoulos (Master's Student; Dr. D. Bagli – Supervisor). Canadian Institutes of Health Research (CIHR). 10,000 CAD. [Grants]

2013 Jul - 2018 Jul **Principal Investigator.** Epigenetic regulation of bladder response to obstruction. Canadian Institutes of Health Research (CIHR). 828,370 CAD. [Grants]

2013 Jul - 2015 Jun **Principal Investigator.** Normothermic Kidney Perfusion Ex Vivo to Enhance Transplant Graft Utility. Transplant and Regenerative Medicine Centre – Sickkids Research Institute. 150,000 CAD. [Grants]

2013 Jul - 2015 Jun **Principal Investigator.** Normothermic Renal Perfusion to Increase Graft Survival in Kidney Transplantation. Multiorgan Transplant Centre – Univeristy Health Network. 100,000 CAD. [Grants]

2013 Jul - 2014 Jul **Principal Investigator.** Chris Sotiropoulos (Master's Student; Dr. D. Bagli – Supervisor).

- Univeristy of Toronto - Department of Physiology Trainee Stimulus Award. 10,000 CAD. [Grants]
- 2013 Jul - 2014 Jul **Principal Investigator.** Sickkids Research Institute: Janet Jiang (Master's Student; Dr. D. Bagli – Supervisor). RESTRACOM. 15,000 CAD. [Grants]
- 2013 Jul - 2014 Jul **Principal Investigator.** Chris Sotiropulos (Master's Student; Dr. D. Bagli – Supervisor). University of Toronto - Department of Physiology Trainee Stimulus Award. 10,000 CAD. [Grants]
- 2013 Jul - 2014 Jun **Principal Investigator.** Environmental Micro-Gene Interactions: Role of Host Epigenetics in Chronic Urinary Tract Infection. Canadian Institutes of Health Research (CIHR). Collaborator(s): Norm Rosenblum, John Brumell, Paul Delgado. 80,000 CAD. [Grants]
- 2013 Jan - 2014 Jan **Collaborator.** Establishing an International Pediatric Urology Task Force on Hypospadias Repair: Standardizing Surgical Outcomes in Clinical Research. Population and Public Health. 291275. PI: Braga, Luis. Collaborator(s): Dr. **D. Bagli**, Dr. A. Lorenzo, Professor J. Pemberton, Dr. J. Pippi Salle. 25,000 CAD. [Grants]
- 2012 Jul - 2013 Jun **Principal Investigator.** Janet Jiang (Master's Student; Dr. D. Bagli – Supervisor). Univeristy of Toronto - Department of Physiology Trainee Stimulus Award. 10,000 CAD. [Grants]
- 2010 Sep - 2012 Aug **Principal Investigator.** E.coli-induced alterations in the uroepithelial epigenome as a marker for UTI risk. PSI Foundation. Collaborator(s): Tölg, Conny Lorenzo, Armando. 140,000 CAD. [Grants]
- 2010 - 2011 **Mentor/Supervisor.** Epigenetic Responses to Uropathogenic E.coli Urinary Tract Infection. American Urological Association Foundation. 37,000. [Research Fellowships] *Laboratory Fellowship (B. Weber).*
- 2010 - 2011 **Supervisor/Mentor.** Role of Sex Steroids in Perioperative Management of Hypospadias: Initial Human Cell Studies in Vitro. Society for Pediatric Urology. PI: Haddad A / **Bagli DJ**. 37,000 USD. [Grants]
- 2009 - 2013 **Principal Investigator.** Novel Therapeutic Approaches For Obstructive Bladder Disease. Canadian Institutes of Health Research (CIHR). 440,000. [Grants]
- 2009 - 2013 **Co-Principal Investigator.** CIHR Team in the Effects of Brominated Flame Retardans on Reproductive Health: Animal, Human, Ethical, Leagal and Social Studies Human Development, Child and Youth Health. Canadian Institutes of Health Research (CIHR). PI: Goodyear, C. Collaborator(s): Goodyear, C and **Bagli DJ**. 499,000. [Grants]
- 2009 **Principal Investigator.** Molecular Determinants of Carcinogenesis in Bladder Augmentation in A Novel Animal Model. Research Institute, Sickkids. 3,000. [Grants]
- 2008 - 2010 **Principal Investigator.** Innovative Therapies For Bladder Obstruction. Kidney Foundation of Canada. 100,000. [Grants]
- 2007 - 2008 **Senior Investigator.** Epigenetic Changes in Uroepitelium Following E.Coli Infection: New Keys to Understanding Urinary Tract Infection Susceptibility. Hospital for Sick Children - Research Institute. Collaborator(s): **Bagli DJ**. 50,000. [Grants]
- 2004 - 2006 **Senior Investigator.** The Role of Hypoxia in Fibroproliferative bladder Disease. National

Institutes of Health Research. Collaborator(s): **Bagli DJ**. 147,774. [Grants]
National Institutes of Health Research in coordination with NIH O'Brien Centre Grant in Urologic Research awarded to Children's Hospital in Boston (PI: Dr. Michael Freeman, PhD).

- 2003 - 2005 Acellular Matrix Scaffolds with Bioactive Peptides for Bladder Augmentation. Canadian Institutes of Health Research (CIHR). Collaborator(s): Kim Woodhouse (Senior Investigator), **D. Bagli**, M. Ringutte. 87,000. [Grants]
- 2002 - 2005 **Senior Investigator**. The role of Erk MAP kinase in bladder smooth muscle cell response to injury. Canadian Institutes of Health Research (CIHR). Collaborator(s): **Bagli DJ**. 250,000. [Grants]
- 2001 - 2002 **Senior Investigator**. The role of integrins in stretch induced fibroproliferative disease of the bladder. American Foundation for Urologic Disease. Collaborator(s): **Bagli DJ**, Upadhyay J. 32,000. [Grants]
- 2000 - 2002 Novel cell signalling peptides for treatment of scarring in bladder. Materials and Manufacturing Ontario. Collaborator(s): Woodhouse K (Senior Investigator), **Bagli DJ**, Khoury AE. 398,833. [Grants]
- 2000 **Senior Investigator**. Stretch and the role of RHAMM in urinary bladder fibrosis. The Physicians' Services Incorporated. Collaborator(s): **Bagli DJ**. 109,000. [Grants]
- 1999 - 2001 **Senior Investigator**. Objectifying the management of urinary voiding dysfunction in children. RESTRACOM Hospital for Sick Children. Collaborator(s): **Bagli DJ**, Farhat W. 35,000. [Grants]
- 1999 - 2000 **Senior Investigator**. Stretch induced activation of a local renin-angiotensin system (RAS) promotes bladder fibrosis through the receptor for hyaluronic acid (RHAMM). American Foundation for Urologic Disease. Collaborator(s): **Bagli DJ**, Capolicchio JP. 32,000. [Grants]
- 1999 Acellular bladder matrix allografts (BAMA) in regenerating functional bladders in an animal model: The cellular mechanisms involved in repopulation of the matrix. The Northeastern Section of the American Urological Association. Collaborator(s): Pramod Reddy (Senior Investigator), Paul Merguerian, Gregory Wilson, **Darius Bagli**. 10,000. [Grants]
- 1998 - 2000 **Senior Investigator**. RHAMM in Pediatric Bladder Disease. March of Dimes - Basil O'Connor Research Award. Collaborator(s): **Darius Bagli**. 140,000. [Grants]
- 1998 - 1999 **Senior Investigator**. Prostate specific antigen in the diagnosis of dysfunctional voiding in paediatric patients. RESTRACOMP, The HSC Research Institute. Collaborator(s): Dr. **Darius Bagli**, Dr. Pramod Reddy. 30,000. [Grants]
- 1997 - 1998 **Senior Investigator**. Study the Role of RHAMM Peptides in Two Additional Wound Repair Models. Cangene Corporation. Collaborator(s): Drs. Eva Turley & **Darius Bagli** (Senior Investigators). 262,148. [Grants]
- 1996 - 1997 **Senior Investigator**. Extracellular matrix and cell motility: the role of R.H.A.M.M. in prostate disease. Canadian Urological Association Fellowship. Collaborator(s): **Bagli DJ**. 30,000. [Research Fellowships]
- 1996 - 1997 **Senior Investigator**. Cell motility and extracellular matrix: the role of R.H.A.M.M. in prostate disease. University of Toronto, Dean's Fund. Collaborator(s): **Bagli DJ**. 10,000. [Grants]

- 1996 - 1997 **Senior Investigator.** The role of RHAMM in pediatric bladder disease. Hospital for Sick Children Research Institute. Collaborator(s): **Bagli, DJ**, Joyner BD. 34,800. [Grants]
- 1996 - 1997 **Senior Investigator.** Cell motility & the extracellular matrix: the role of RHAMM in paediatric bladder disease. RESTRACOM, The HSC Research Institute. Collaborator(s): Dr. **Darius Bagli**, Dr. Byron Joyner. 30,000. [Grants]
- 1994 - 1995 **Senior Investigator.** Urinary levels of basic fibroblastic growth factor in pediatric bladder pathology. Basic Research Study Grant. Collaborator(s): **Bagli DJ**. 4,000. [Grants]
- 1988 - 1989 **Senior Investigator.** Colorectal carcinoma susceptibility to natural killer cell lysis. Basic Research Study Grant. Collaborator(s): **Bagli DJ**, Barlozzari T. 2,000. [Grants]

NON-PEER-REVIEWED GRANTS

FUNDED

- 2013 Jul - 2015 Jul **Principal Investigator.** Normothermic Kidney Perfusion Ex Vivo to Enhance Transplant Graft Utility. Transplant and Regenerative Medicine Centre – Sickkids Research Institute. Collaborator(s): Robinson, Lisa, **Bagli, Darius**, Selzner, Markus. 150,000 CAD. [Grants]
- 2013 Jul - 2015 Jul **Principal Investigator.** Normothermic Renal Perfusion to Increase Graft Survival in Kidney Transplantation. Multiorgan Transplant Centre – University Health Network. Collaborator(s): Robinson, Lisa, **Bagli, Darius**, Selzner, Markus. 100,000 CAD. [Grants]
- 2013 Jul - 2014 Jul **Principal Investigator.** Environmental Micro-Gene Interactions: Role of Host Epigenetics in Chronic Urinary Tract Infection. Canadian Institutes of Health Research (CIHR). Collaborator(s): Rosenblum, Norman, Brumell, John and Delgado, Paul. 80,000 CAD. [Grants]
- 2013 Jul - 2014 Jun **Mentor/Supervisor.** ...Basis of Overactive Bladder Disease (CIHR - Sleep andRhythms Toronto). [Grants]
- 2013 Jul - 2014 Jun **Support.** Summer Research Program. Hospital for Sick Children. The Dr Lorus J Milne and Dr Margery J Milne Award. 3,000 CAD. [Grants]
Grant awarded to Summer Student under the Supervision of Dr. Darius Bagli.
- 2011 - 2012 **Mentor/Supervisor.** Epigenetic Mechanisms in Endocrine - Induced Hypospadias - Karen Aitken. PI: Karen Aitken. 40,000 CAD. [Grants]
- 2010 Jan - 2011 Jan **Supervisor.** Effect of Sex Steroids on Wound Healing in Hypospadias. Society for Pediatric Urology. PI: Ahmad, Hadad. 30,000 CAD. [Research Fellowships]
- 2010 - 2012 **Principal Investigator.** Uropathogenic E.coli effects on the uroepithelial epigenome as a marker for UTI propensity and recurrence. Physicians Services Incorporated Foundation (The) (PSI). Collaborator(s): Tolg, Cornelia. 180,000 USD. [Grants]
- 2010 - 2011 **Supervisor.** Epigenetic Effects of Uropathogenic E.coli in Uroepithelial Cells. American Urological Association Foundation. PI: Weber, Bryce. 40,000 USD. [Research Fellowships]
- 2010 - 2011 **Supervisor.** Epigenetic Mechanisms in the Development of Hypospadias. American Urological Association Foundation. PI: Aitken, Karen. 40,000 USD. [Research Fellowships]

D. Publications

1. PEER-REVIEWED PUBLICATIONS

Journal Articles

1. Brzezinski J, Choufani S, Romao R, Shuman C, Chen H, Cunanan J, Bagli D, Grant R, Lorenzo A, Weksberg R. Clinically and biologically relevant subgroups of Wilms tumour defined by genomic and epigenomic analyses. *Br J Cancer*. 2020 Oct 5. doi: 10.1038/s41416-020-01102-1. Online ahead of print. **Co-Author.**
2. Herbst KW, Beckers GMA, Harper L, Bägli DJ, Nieuwhof-Leppink AJ, Kaefer M, Fossum M, Kalfa N; ESPU research committee. Don't be mean, be above average: Understanding data distribution and descriptive statistics. *J Pediatr Urol*. 2020 Sep 13:S1477-5131(20)30532-5. doi: 10.1016/j.jpurol.2020.09.007. Online ahead of print. **Co-Author.**
3. Bägli D, Beckers G, Fossum M, Harper L, Herbst K, Kaefer M, Kalfa N, Nieuwhof-Leppink A. To: Adult and pediatric urology department/division chairs and pediatric urology fellowship programme directors. *J Pediatr Urol*. 2020 Jul 15:S1477-5131(20)30417-4. doi: 10.1016/j.jpurol.2020.07.007. **Principal Author.**
4. Harper L, Kalfa N, Beckers G.M.A., Kaefer M, Nieuwhof-Leppink A.J., Fossum Magdalena, Herbst K.W., Bagli D, On behalf of The ESPU Research Committee. The Impact of COVID-19 on research. *Journal of Pediatric Urology* (2020) July 1. **Senior Responsible Author.**
5. Kaefer M, Kalfa N, Herbst KW, Harper L, Beckers GM, Bagli D, Fossum M; ESPU research committee. How to more effectively determine what is true: The limits of intuition. *J Pediatr Urol*. 2020 Jul 9:S1477-5131(20)30412-5. doi: 10.1016/j.jpurol.2020.07.002. Online ahead of print. **Co-Author.**
6. Keefe DT, Rickard M, Anderson P, Bagli D, Blais AS, Bolduc S, Braga LH, Brownrigg N, Chua M, Dave S, Santos JD, Guerra L, Hayashi AH, Keays MA, Kim S, Koyle MA, Lee LC, Lorenzo AJ, MacLellan D, MacDonald L, MacNeily AE, Metcalfe PD, Moore K, Romao RLP, Wang PZT. Prioritization and management recommendations of pediatric urology conditions during the COVID-19 pandemic. *Can Urol Assoc J*. 2020 Jun;14(6):E237-E250. doi: 10.5489/cuaj.6693. **Co-Author.**
7. Kaefer M, Kalfa N, Herbst KW, Harper L, Beckers GM, Bagli D, Fossum M; ESPU research committee. How to more effectively determine what is true: The limits of intuition. *J Pediatr Urol*. 2020 May 13:S1477-5131(20)30171-6. doi: 10.1016/j.jpurol.2020.05.004. Online ahead of print. **Co-Author.**
8. Lucshman Raveendran, Darius Bagli, Fardod O'Kelly, Robert DiCseare, Kornelia, Twardowski, David During, Myla E. Moretti, Martin Koyle. Time-Driven Activity-Based Costing of Management Pathways for Vesicoureteral Reflux. *Journal of The American Urological Association*. 12 May 2020. **Co-Author.**
9. Urbanellis, Peter; Kollmann, Dagmar; Linares, Ivan; Ganesh, Sujani; Oquendo, Fabiola; Mazilescu, Laura; Goto, Toru; Noguchi, Yuki; John, Rohan; Konvalinka, Ana; Mucsi, Istvan; Ghanekar, Anand; Bagli, Darius; Selzner, Markus; Robinson, Lisa A. Significant dysfunction of kidney grafts exposed to prolonged warm ischemia is minimized through Normothermic Ex-Vivo Kidney Perfusion. *Transplantation Direct*. 6(8):e587, August 2020. **Co-Author.**
10. Schröder A, Farhat WA, Bägli DJ, Lorenzo AJ, Koyle MA. Turning a new "page": ways to decrease the number of pages after hours without compromising patient care. *Can J Surg*. 2020 Mar 27;63(2):E155-E160. doi:

10.1503/cjs.009119. **Co-Principal Author.**

11. Schröder A, Aitken KJ, Jiang JX, Sidler M, Tölg C, Siebenaller A, Jeffrey N, Kirwan T, Leslie B, Wu C, Weksberg R, Delgado-Olguin P, Bägli DJ. Persistent myopathy despite release of partial obstruction: in vivo reversal of dysfunction and transcriptional responses using rapamycin. *FASEB J.* 2020 Mar;34(3):3594-3615. doi: 10.1096/fj.201900547RR. Epub 2020 Jan 27. **Senior Responsible Investigator.**
12. Harper L, Herbst KW, Bagli D, Kaefer M, Beckers GMA, Fossum M, Kalfa N; ESPU research committee. The battle between fake news and science. *J Pediatr Urol.* 2019 Dec 31. pii: S1477-5131(19)30428-0. doi: 10.1016/j.jpuro.2019.12.004. [Epub ahead of print] No abstract available. **Collaborator.**
13. Schröder A, Aitken KJ, Jiang JX, Sidler M, Tölg C, Siebenaller A, Jeffrey N, Kirwan T, Leslie B, Wu C, Weksberg R, Delgado-Olguin P, Bägli DJ. Persistent myopathy despite release of partial obstruction: in vivo reversal of dysfunction and transcriptional responses using rapamycin. *FASEB J.* 2020 Jan 27. doi: 10.1096/fj.201900547RR. [Epub ahead of print]. **Senior Responsible Investigator.**
14. Bagli D, Herbst KW, Harper L, Beckers G, Kaefer M, Kalfa N, Fossum M; ESPU research committee. Further medical experience will be required to validate these results: How experience -based medicine shapes the validity of medical evidence. *J Pediatr Urol.* 2019 Nov 14. pii: S1477-5131(19)30342-0. doi: 10.1016/j.jpuro.2019.10.022. [Epub ahead of print] PMID: 31836435. **Principal Author.**
15. Urbanellis P, Hamar M, Kathis JM, Kollmann D, Linares I, Mazilescu L, Ganesh S, Wiebe A, Yip PM, John R, Konvalinka A, Mucsi I, Ghanekar A, Bagli DJ, Robinson LA, Selzner M. Normothermic ex-vivo kidney perfusion improves early DCD graft function compared to hypothermic machine perfusion and static cold storage. *Transplantation.* 2019 Nov 20. doi: 10.1097/TP.0000000000003066. [Epub ahead of print] PMID: 31815900. **Collaborator.**
16. Fossum M, Herbst KW, Kaefer M, Harper L, Castagnetti M, Beckers G, Kalfa N, Bagli D; ESPU research committee. Evidence-based medicine V: how to use in clinical practice. *J Pediatr Urol.* 2019 Aug 9. pii: S1477-5131(19)30236-0. doi: 10.1016/j.jpuro.2019.07.025. [Epub ahead of print]. **Collaborator.**
17. Rickard M, Lorenzo, AJ, Hannick, J, Blais, AS, Koyle M, Bagli D. Over-reliance on p values in Urology: Fragility of findings in the hydronephrosis literature calls for systematic reporting of robustness indicators. *Urology.* 2019 Jul 30. doi: 10.1016/j.urology.2019.03.045. [Epub ahead of print] PMID: 31374290 **Senior Responsible Investigator**
18. Friedman N, Pancer Z, Savic R, Tseng F, Lee MS, Mclean L, Bagli DJ, Tessaro MO. Accuracy of point-of-care ultrasound by pediatric emergency physicians for testicular torsion. *J Pediatr Urol.* 2019 Jul 12.: 10.1016/j.jpuro.2019.07.003. [Epub ahead of print] PMID: 31455581. **Collaborator.**
19. Koren G, Carnevale A, Ling J, Ozsarfaty J, Kapur B, Bagli D. Fetal exposure to polybrominated diphenyl ethers and the risk of hypospadias: focus on the congeners involved. *J Pediatr Urol.* 2019 Jun 4. doi: 10.1016/j.jpuro.2019.05.023. [Epub ahead of print] PMID: 31253486. **Senior Responsible Investigator.**
20. Beckers GMA, Herbst K, Kaefer M, Harper L, Castagnetti M, Bagli D, Kalfa N, Fossum M; ESPU Research Committee. Evidence Based Medicine IV: how to find an evidence-based answer to a clinical question? Make a critically appraised topic! *J Pediatr Urol.* 2019 May 14. pii: S1477-5131(19)30132-9. doi: 10.1016/j.jpuro.2019.05.009. [Epub ahead of print] PMID: 31266683. **Collaborator.**
21. Kaefer M, Castagnetti M, Herbst K, Bagli D, Beckers GMA, Harper L, Kalfa N, Fossum M; ESPU research committee. Evidence-based medicine III: level of evidence. *J Pediatr Urol.* 2019 Apr 24.. doi: 10.1016/j.jpuro.2019.04.012. [Epub ahead of print] PMID: 31130505. **Collaborator.**
22. Fossum M, Herbst K, Harper L, Castagnetti M, Beckers G, Bagli D, Kalfa N, Kaefer M; ESPU research committee. Evidence-based medicine 1: Background. *J Pediatr Urol.* 2019 May;15(3):268-269. doi: 10.1016/j.jpuro.2019.03.006. Epub 2019 Mar 14. PMID: 30956125. **Collaborator.**
23. Kim JK, Chua ME, Ming JM, Lee MJ, Kesavan A, Kahn N, Langer JC, Lorenzo A, Bagli D, Farhat WA,

- Papanikolaou F, Koyle MA. Variability among Canadian pediatric surgeons and pediatric urologists in the management of cryptorchidism in boys before the publication of major guidelines: a retrospective review of a single tertiary centre. *Can J Surg*. 2019 Mar 22;62(3):1-6. [Epub ahead of print] **Collaborator**.
24. Castagnetti M, Herbst KW, Bagli D, Beckers GMA, Harper L, Kaefer M, Kalfa N, Fossum M; ESPU research committee. EBM II: How to perform a literature search. *J Pediatr Urol*. 2019 May;15(3):268-269. doi: 10.1016/j.jpuro.2019.03.006. Epub 2019 Mar 14. **Co-Principal Author**.
25. Kim JK, Chua M, Braga L, Langer JC, Hancock BJ, Lorenzo AJ, Bagli D, Farhat WA, Koyle MA. A Canadian national survey: understanding the differences in management of cryptorchidism among pediatric surgeons and pediatric urologists. *J Pediatr Surg*. 2018 Oct 29. doi: 10.1016/j.jpedsurg.2018.10.053. [Epub ahead of print] **Collaborator**.
26. Mahmood T, Mylopoulos M, Bagli D, Damignani R, Aminmohamed Haji F. A mixed methods study of challenges in the implementation and use of the surgical safety checklist. *Surgery*. 2018 Nov 24. doi: 10.1016/j.surg.2018.09.012. [Epub ahead of print]. **Collaborator**.
27. Poon S, Koren G, Carnevale A, Aleksa K, Ling J, Ozsarfaty J, Kapur BM, Bagli D. Association of In Utero Exposure to Polybrominated Diphenyl Ethers With the Risk of Hypospadias. *JAMA Pediatr*. 2018 Sep 1;172(9):851-856. doi: 10.1001/jamapediatrics.2018. **Senior Responsible Investigator**.
28. Lee LC, Schröder A, Bägli DJ, Lorenzo AJ, Farhat WA, Koyle MA. Stent-related complications after hypospadias repair: a prospective trial comparing Silastic tubing and Koyle urethral stents. *J Pediatr Urol*. 2018 Aug 25. doi: 10.1016/j.jpuro.2018.08.002. [Epub ahead of print]. **Co-Principal Author**.
29. Sidler M, Aitken KJ, Jiang JX, Sotiropoulos C, Aggarwal P, Anees A, Chong C, Siebenaller A, Thanabalasingam T, White JM, Choufani S, Weksberg R, Sangiorgi B, Wrana J, Delgado-Olguin P, Bägli DJ. DNA Methylation and the YAP/WWTR1 Pathway Prevent Pathologic Remodeling during Bladder Obstruction by Limiting Expression of BDNF. *Am J Pathol*. 2018 Aug 17. doi: 10.1016/j.ajpath.2018.06.024. **Senior Responsible Investigator**.
30. Alshareef TA, Almainan W, Figueroa VH, Gooden MA, Bägli DJ, Harvey E. Idiopathic Urinary Bladder Perforation in Early Childhood. *Kidney Int Rep*. 2018 Aug 3;3(6):1497-1500. doi: 10.1016/j.ekir.2018.07.022. eCollection 2018 Nov. **Collaborator**.
31. Sidler M, Aitken KJ, Jiang JX, Sotiropoulos C, Aggarwal P, Anees A, Chong C, Siebenaller A, Thanabalasingam T, White JM, Choufani S, Weksberg R, Sangiorgi B, Wrana J, Delgado-Olguin P, Bägli DJ. DNA Methylation Reduces the Yes-Associated Protein 1/WW Domain Containing Transcription Regulator 1 Pathway and Prevents Pathologic Remodeling during Bladder Obstruction by Limiting Expression of BDNF. **Senior Responsible Investigator**.
32. Hamar M, Urbanellis P, Kathis MJ, Kollmann D, Linares I, Ganesh S, Wiebe A, Cen JY, Yip PM, John R, Konvalinka A, Mucsi I, Ghanekar A, Bagli D, Grant DR, Robinson LA, Selzner M. Normothermic Ex Vivo Kidney Perfusion Reduces Warm Ischemic Injury of Porcine Kidney Grafts Retrieved After Circulatory Death (DCD). *Transplantation*. 2018 Apr 21. doi: 10.1097/TP.0000000000002245. [Epub ahead of print]. **Collaborator**.
33. Castagnetti M, Bagli D, Fossum M; ESPU Research Committee. Reviewing scientific manuscripts. *J Pediatr Urol*. 2018 Apr;14(2):133-134. doi: 10.1016/j.jpuro.2017.12.004. Epub 2018 Feb 2. **Co-Principal Author**.
34. Sidler M, Aitken KJ, Forward S, Vitkin A, Bagli DJ. Non-invasive voiding assessment in conscious mice. *Bladder* 2018;5(2):e33. DOI:10.14440/bladder.2018.582. **Senior Responsible Investigator**.
35. Schröder A, Campbell FA, Farhat WA, Salle JLP, Bägli DJ, Lorenzo AJ, Koyle MA. Postoperative pain and analgesia administration in children after urological outpatient procedures. *J Pediatr Urol*. 2018 Apr;14(2):171.e1-171.e6. doi: 10.1016/j.jpuro.2017.11.014. Epub 2018 Jan 31. **Co-Principal Author**.

36. Goodyer CG, Poon S, Aleksa K, Hou L, Atehortua V, Carnevale A, Koren G, Jednak R, Emil S, Bagli D, Dave S, Hales BF, Chevrier J. Erratum: "A Case-Control Study of Maternal Polybrominated Diphenyl Ether (PBDE) Exposure and Cryptorchidism in Canadian Populations". *Environ Health Perspect*. 2018 Mar 29;126(3):039001. doi: 10.1289/EHP3577. **Collaborator**.
37. Chua M, Welsh C, Amir B, Silangcruz JM, Ming J, Gnech M, Sanger S, Lorenzo A, Braga LH, Bägli D. Non-stented versus stented urethroplasty for distal hypospadias repair: A systematic review and meta-analysis. *J Pediatr Urol*. 2018 Mar 6. pii: S1477-5131(18)30086-X. doi: 10.1016/j.jpuro.2018.02.006. [Epub ahead of print] No abstract available. **Senior Responsible Investigator**.
38. Sheybani-Deloui S, Chi L, Staite MV, Cain JE, Nieman BJ, Henkelman RM, Wainwright BJ, Potter SS, Bagli DJ, Lorenzo AJ, Rosenblum ND. Activated Hedgehog-Gli Signaling Causes Congenital Ureteropelvic Junction Obstruction. *J Am Soc Nephrol*. 2018 Feb;29(2):532-544. doi: 10.1681/ASN.2017050482. Epub 2017 Nov 6. **Collaborator**.
39. Sheybani-Deloui S, Chi L, Staite MV, Cain JE, Nieman BJ, Henkelman RM, Wainwright BJ, Potter SS, Bagli DJ, Lorenzo AJ, Rosenblum ND. Activated Hedgehog-Gli Signaling Causes Congenital Ureteropelvic Junction Obstruction. *J Am Soc Nephrol*. 2017 Nov 6. pii: ASN.2017050482. doi: 10.1681/ASN.2017050482. [Epub ahead of print] **Co-Principal Author**.
40. Rojas D, Grierson L, Mylopoulos M, Trbovich P, Bagli D, Brydges R. How can systems engineering inform the methods of programme evaluation in health professions education? *Med Educ*. 2017 Nov 6. doi: 10.1111/medu.13460. [Epub ahead of print] **Collaborator**.
41. Sidler M, Aitken K, Bägli Reply to Finding Nemo-Nerve-sparing Midurethral Obstruction: A Pathophysiologically Accurate Model of Rodent Partial Bladder Outlet Obstruction. *D. Urology*. 2017 Aug 16. doi:10.1016/j.urology.2017.08.009. [Epub ahead of print] **Senior Responsible Investigator**.
42. Kathis JM, Hamar M, Echeverri J, Linares I, Urbanellis P, Cen JY, Ganesh S, Dingwell LS, Yip P, John R, Bagli D, Mucsi I, Ghanekar A, Grant D, Robinson LA, Selzner M. *Am J Transplant*. 2017 Sep 10. doi: 10.1111/ajt.14491. [Epub ahead of print]. Normothermic ex vivo kidney perfusion for graft quality assessment prior to transplantation. **Co-Principal Investigator**.
43. Chua ME, Ming JM, Sauders MA, Fernandez N, Hannick JH, Abu Awazayed I, Odeh RI, Bagli DJ, Koyle MA, Farhat WA. *Urology*. 2017 Oct 11. pii: S0090-4295(17)31070-1. doi: 10.1016/j.urology.2017.10.001. [Epub ahead of print]. Utilization of Post-Penile Surgery Illustrated Healing Atlas: a Comparative Study. **Collaborator**.
44. Beckers GMA, Kaefer M, Fossum M; ESPU Research Committee. *J Pediatr Urol*. 2017 Sep 23. pii: S1477-5131(17)30355-8. doi: 10.1016/j.jpuro.2017.08.010. [Epub ahead of print] No abstract available. Construction of a scientific abstract. **Co-Principal Author**.
45. Chua ME, Ming JM, Carter S, El Hout Y, Koyle MA, Noone D, Farhat WA, Lorenzo AJ, Bägli DJ. *J Urol*. 2017 Oct 20. pii: S0022-5347(17)77768-3. doi: 10.1016/j.juro.2017.10.024. [Epub ahead of print]. Impact of adjuvant urinary diversion versus valve ablation alone on progression from chronic to end-stage renal disease in posterior urethral valves: a single institution 15-year time-to-event analysis. **Senior Responsible Investigator**.
46. *J Pediatr Urol*. 2017 Sep 23. pii: S1477-5131(17)30355-8. doi: 10.1016/j.jpuro.2017.08.010. [Epub ahead of print] No abstract available. Goodyer CG, Poon S, Aleksa K, Hou L, Atehortua V, Carnevale A, Jednak R, Emil S, **Bagli DJ**, Dave S, Hales BF, Chevrier J. A Case-Control Study of Maternal Polybrominated Diphenyl Ether (PBDE) Exposure and Cryptorchidism in Canadian Populations. *Environ Health Perspect*. 2017 May 26;125(5):057004. doi:10.1289/EHP522. **Co-Principal Author**.
47. Sidler M, Aitken KJ, Jiang JX, Bägli DJ. Nerve-sparing Mid-urethral Obstruction (NeMO) in Female Small Rodents. *J Vis Exp*. 2017 Apr 25;(122). doi:10.3791/55288. **Senior Responsible Investigator**.

48. Kathis JM, Echeverri J, Linares I, Cen JY, Ganesh S, Hamar M, Urbanellis P, Yip P, John R, Bagli DJ, Mucsi I, Ghanekar A, Grant D, Robinson LA, Selzner M. Normothermic Ex Vivo Kidney Perfusion Following Static Cold Storage-Brief, Intermediate, or Prolonged Perfusion for Optimal Renal Graft Reconditioning? *Am J Transplant*. 2017 Apr 4. doi: 10.1111/ajt.14294. **Co-Principal Author**.
49. Sidler M, Aitken K, Jiang J, Bijos D, Belik J, **Bagli DJ**. Finding NeMO-Nerve-sparing Mid-urethral Obstruction: A Pathophysiologically Accurate Model of Rodent Partial Bladder Outlet Obstruction. *Urology*. 2017 Jul;105:208.e1-208.e9. doi: 10.1016/j.urology.2017.03.032. Epub 2017 Mar 30. **Senior Responsible Investigator**.
50. **Bagli DJ**, Hamas M. Normothermic Ex Vivo Kidney Perfusion Reduces Warm Ischemic Injury of Porcine Kidney Grafts Retrived After Circulatory Death (DCD), Canadian Society of Transplantation 2017 CST-CTRMS Joint Scientific Meeting Abstract, **Co-Principal Author**.
51. **Bagli DJ**, Odeh R, Penna F, Grober E, Fernandez N, Lorenzo AJ, Satterwaite L, Dubrowski A. A Practice Platform for Systematic Development of Microsurgical Instrument Technique. *Cureus* 9(5): e1253. DOI 10.7759/cureus.1253. **Senior Responsible Investigator**.
52. Braga LH and Lorenzo AJ. Application of the STROBE statement to the hypospadias literature: Report of the international pediatric urology task force on hypospadias. 2016 Dec. **Co-Principal Author**.
53. Fernandez N, Perez J, Monterrey P, Poletta FA, **Bagli DJ**, Lorenzo AJ and Zarante I. ECLAMC Study: Prevalence patterns of hypospadias in South America: Multi-national analysis over a 24-year period. *Int Braz J Urol*. 2016 Nov 2. 2016 Nov 2. doi: 10.1590/S1677-5538.IBJU.2016.0002. **Co-Principal Author**.
54. Kathis JM, Cen JY, Chun YM, Echeverri J, Linares I, Ganesh S, Yip P, John R, **Bagli D**, Mucsi I, Ghanekar A, Grant D, Robinson LA and Selzner M. Continuous Normothermic Ex Vivo Kidney Perfusion is Superior to Brief Normothermic Perfusion Following Static Cold Storage in Donation After Circulatory Death Pig Kidney Transplantation. *Am J Transplant*. 2016 Sep 20. 2016 Sep 20. doi: 10.1111/ajt.14059. **Co-Principal Author**.
55. Cheung JJ, Koh J, Brett C, **Bagli DJ**, Kapralos B, Dubrowski A. Preparation With Web-Based Observational Practice Improves Efficiency of Simulation-Based Mastery Learning. *Simul Healthc*. 2016 Oct;11(5):316-322. **Collaborator**.
56. **Bagli D**, Moritz Kathis J. Eight Hour Continuous Normothermic Ex Vivo Kidney Perfusion is a Safe Preservation Technique for Kidney Transplantation: A New Opportunity for the Storage, Assessment and Repair of Kidney Grafts. *Transplantation*. 2016 Feb 25. In Press. **Co-Principal Author**.
57. Kathis JM, Echeverri J, Goldaracena N, Louis KS, Yip P, John R, Mucsi I, Ghanekar A, **Bagli D**, Selzner M and Robinson LA. Heterotopic Renal Autotransplantation in a Porcine Model: A Step-by-Step Protocol. *J Vis Exp*. 2016. 2016 Feb 21;(108). doi: 10.3791/53765. **Co-Principal Author**.
58. Ting K, Aitken KJ, Penna F, Samiei AN, Sidler M, Jiang JX, Ibrahim F, Tolg C, Delgado-Olguin P, Rosenblum N and **Bagli DJ**. Uropathogenic E.coli (UPEC) Infection Induces Proliferation through Enhancer of Zeste Homologue 2 (EZH2). *PLoS One*. 2016. 2016 Mar 10;11(3):e0149118. doi: 10.1371/journal.pone.0149118. eCollection 2016. **Senior Responsible Investigator**.
59. Chang SJ, Van Laecke E, Bauer SB, von Gontard A, **Bagli D**, Bower WF, Renson C, Kawauchi A and Yang SS. Treatment of daytime urinary incontinence: A standardization document from the International Children's Continence Society. *Neurourol Urodyn*. 2015 Oct 16. 2015 Oct 16. doi: 10.1002/nau.22911. **Co-Principal Author**.
60. Bator EX, Gleason JM, Lorenzo AJ, Kanaroglou N, Farhat WA, **Bagli DJ** and Koyle MA. The burden of attending a pediatric surgical clinic and family preferences toward telemedicine. *J Pediatr Surg*. 2015 Oct. 2015 Oct;50(10):1776-82. doi: 10.1016/j.jpedsurg.2015.06.005. Epub 2015 Jun 20. In Press. **Collaborator**.
61. Penna FJ, Bowlin P, Alyami F, **Bagli DJ**, Koyle MA and Lorenzo AJ. Novel Strategy for Temporary Decompression of the Lower Urinary Tract in Neonates Using a Ureteral Stent. *J Urol*. 2015 Oct. 2015 Oct;194(4):1086-90. doi: 10.1016/j.juro.2015.04.102. Epub 2015 May 9. In Press. **Co-Principal Author**.

62. Kanaroglou N, To T, Zhu J, Braga LH, Wehbi E, Hajiha M, **Bagli DJ**, Salle JP, Koyle MA and Lorenzo AJ. Inappropriate Use of Ultrasound in Management of Pediatric Cryptorchidism. *Pediatrics*. 2015 Sep. In Press. **Co-Principal Author**.
63. Kanaroglou N, To T, Zhu J, Braga LH, Wehbi E, Hajiha M, **Bagli DJ**, Salle JP, Koyle MA and Lorenzo AJ. Inappropriate Use of Ultrasound in Management of Pediatric Cryptorchidism. *Pediatrics*. 2015 Sep. 2015 Sep;136(3):479-86. doi: 10.1542/peds.2015-0222. Epub 2015 Aug 10. In Press. **Co-Principal Author**.
64. J.L. Pippi Salle, S. Sayed, A. Salle, **D. Bagli**, M.Koyle, AJ Lorenzo. Proximal Hypospadias: A persistent challenge. Single Institution outcome analysis of three surgical techniques over a 10-year period. *Journal of Pediatric Urology*. 2015 Aug 3. In Press. **Co-Principal Author**.
65. Lee LC, Kanaroglou N, Gleason JM, Pippi Salle JL, **Bagli DJ**, Koyle MA and Lorenzo AJ. Impact of drainage technique on pediatric pyeloplasty: Comparative analysis of externalized uretero-pyelostomy versus double-J internal stents. *Can Urol Assoc J*. 2015 Jul. 2015 Jul-Aug;9(7-8):E453-7. doi: 10.5489/cuaj.2697. **Collaborator**.
66. Mahmood T, Haji F, Damignani R, **Bagli D**, Dubrowski A, Manzone J, Truong J, Martin R and Mylopoulos M. Compliance does not mean quality: an in-depth analysis of the safe surgery checklist at a tertiary care health facility. *Am J Med Qual*. 2015 Mar. 2015 Mar-Apr;30(2):191. doi: 10.1177/1062860614567830. Epub 2015 Jan 13. In Press. **Co-Principal Author**.
67. **Bagli, D**. Normothermic Ex Vivo Kidney Perfusion for the Preservation of Kidney Grafts prior Transplantation. *Journal of Visualized Experiments JoVE*. 2015 Feb 20(JoVE52909R). In Press. **Co-Principal Author**.
68. Gleason JM, Bowlin PR, **Bagli DJ**, Lorenzo AJ, Hassouna T, Koyle MA and Farhat WA. A comprehensive review of pediatric urachal anomalies and predictive analysis for adult urachal adenocarcinoma. *J Urol*. 2015 Feb. 2015 Feb;193(2):632-6. doi: 10.1016/j.juro.2014.09.004. Epub 2014 Sep 16. In Press. **Co-Principal Author**.
69. Romao RL, Figueroa V, Salle JL, Koyle MA, **Bagli DJ** and Lorenzo AJ. Laparoscopic ureteral ligation (clipping): a novel, simple procedure for pediatric urinary incontinence due to ectopic ureters associated with non-functioning upper pole renal moieties. *J Pediatr Urol*. 2014 Dec. 2014 Dec;10(6):1089-94. doi: 10.1016/j.jpuro.2014.04.008. Epub 2014 May 9. In Press. **Collaborator**.
70. Wu C, Sui G, Archer SN, Sassone-Corsi P, Aitken K, **Bagli D** and Chen Y. Local receptors as novel regulators for peripheral clock expression. *FASEB J*. 2014 Nov. 2014 Nov;28(11):4610-6. doi: 10.1096/fj.13-243295. Epub 2014 Aug 21. In Press. **Co-Principal Author**.
71. Krause MP, Dworski S, Feinberg K, Jones K, Johnston AP, Paul S, Paris M, Peles E, **Bagli D**, Forrest CR, Kaplan DR and Miller FD. Direct genesis of functional rodent and human schwann cells from skin mesenchymal precursors. *Stem Cell Reports*. 2014 Jul 8. 2014 Jun 19;3(1):85-100. doi: 10.1016/j.stemcr.2014.05.011. eCollection 2014 Jul 8. **Collaborator**.
72. Lisieux Eyer Jesus,* Alberto Schanaider, Tyler Kirwan, Karen J. Aitken, Maria L. R. Caldas, Elissa Fonseca, Alexander Marchenko, **Darius J. Bagli** and Jo~ao L. Pippi-Salle. Reduced Flow after Tubularized Incised Plate Urethroplasty. Increased Fibrogenesis, Elastin Fiber Loss or Neither? *J Urol*. 2014 Jun;191:1856-1862. In Press. **Co-Principal Author**.
73. Lorenzo AJ, Pippi Salle JL, Zlateska B, Koyle MA, **Bagli DJ**, Braga LH. Decisional regret after distal hypospadias repair: single institution prospective analysis of factors associated with subsequent parental remorse or distress. *J Urol*. 2014 May 1;191(5 Suppl):1558-63. **Co-Principal Author**.
74. Figueroa V, Romao R, Pippi Salle JL, Koyle MA, Braga LH, **Bagli DJ**, Lorenzo AJ. Single-center experience with botulinum toxin endoscopic detrusor injection for the treatment of congenital neuropathic bladder in children: Effect of dose adjustment, multiple injections, and avoidance of reconstructive procedures. *J Pediatr Urol*. 2014 Apr 1;10(2):368-73. In Press. **Co-Principal Author**.
75. Lorenzo AJ, Pippi Salle JL, Zlateska B, Koyle MA, **Bagli D**, Braga LH. Decisional Regret after Distal Hypospadias Repair: Single Institution Prospective Analysis of Factors Associated with Subsequent Parental Remorse or Distress. *J Urol*. 2014 Mar 25. **Co-Principal Author**.

76. Alali S, Aitken KJ, Schröder A, Gribble A, **Bagli DJ**, Vitkin IA. Assessment of local structural disorders of the bladder wall in partial bladder outlet obstruction using polarized light imaging. *Biomed Opt Express*. 2014 Feb 1;5(2):621-9. **Co-Principal Author**.
77. Wehbi E, Patel P, Kanaroglou N, Tam S, Weber B, Lorenzo A, Pippi Salle JL, **Bagli D**, Koyle M, Farhat WA. Urinary tract abnormalities in boys with recurrent urinary tract infections after hypospadias repair. *BJU Int*. 2014 Feb 1;113(2):304-8. **Collaborator**.
78. Gleason JM, Daniels C, Williams K, Varghese A, Koyle MA, **Bägli DJ**, Pippi Salle JL, Lorenzo AJ. Single center experience with oxybutynin transdermal system (patch) for management of symptoms related to non-neuropathic overactive bladder in children: An attractive, well tolerated alternative form of administration. *J Pediatr Urol*. 2014 Jan 17. **Collaborator**.
79. Jesus LE, Schanaider A, Kirwan T, Aitken KJ, Caldas ML, Fonseca E, Marchenko A, **Bagli DJ**, Pippi-Salle JL. Reduced Flow after Tubularized Incised Plate Urethroplasty-Increased Fibrogenesis, Elastin Fiber Loss or Neither? *J Urol*. 2013 Dec 6. **Senior Responsible Investigator**.
80. **Bagli DJ**, Salle JP, de Jesus LE. Low Flows After Tubularized Incised Plate TIP Urethroplasty: Increased Fibrogenesis, Elastin Fibers Loss or None of the Above? *Journal of Urology*. 2013 Nov 25;JU-13-2071R1. Available from: www.jurology.com. **Senior Responsible Investigator**.
81. Romao RL, Weber B, Gerstle JT, Grant R, Pippi Salle JL, **Bägli DJ**, Figueroa VH, Braga LH, Farhat WA, Koyle MA, Lorenzo AJ. Comparison between laparoscopic and open radical nephrectomy for the treatment of primary renal tumors in children: Single-center experience over a 5-year period. *J Pediatr Urol*. 2013 Nov 23. **Collaborator**.
82. Romao RL, Koyle MA, Pippi Salle JL, Alotay A, Figueroa VH, Lorenzo AJ, **Bagli DJ**, Farhat WA. Failed pyeloplasty in children: revisiting the unknown. *Urology*. 2013 Nov 1;82(5):1145-7. **Collaborator**.
83. Rudzinski JK, Weber B, Wildgoose P, Lorenzo A, **Bagli D**, Farhat W, Harvey E, Salle JL. Does routine ultrasound change management in the follow-up of patients with vesicoureteral reflux? *Can Urol Assoc J*. 2013 Jul 1;7(7-8):E467-9. **Collaborator**.
84. L. E. Jesus, A. Schanaider, G. Patterson, A. Marchenko, K. J. Aitken, B. Leslie, **D. J. Bagli**, and J. L. Pippi-Salle. Urethral compliance in hypospadias operated by tubularized incised urethral plate (TIP) with and without a dorsal inlay graft: an experimental controlled study. *World Journal of Urology*. 2013 Jul;31:971–975, 2013. **Senior Responsible Investigator**.
85. Schröder A, Kirwan TP, Jiang JX, Aitken KJ, **Bägli DJ**. Rapamycin attenuates bladder hypertrophy during long-term outlet obstruction in vivo: tissue, matrix and mechanistic insights. *J Urol*. 2013 Jun 1;189(6):2377-84. **Senior Responsible Investigator**.
86. Kanaroglou N, Wehbi E, Alotay A, **Bagli DJ**, Koyle MA, Lorenzo AJ, Farhat W. Is There A Role For Prophylactic Antibiotics After Stented Hypospadias Repair? *Journal of Urology*. Feb 14, 2013. **Collaborator**.
87. Jiang JX, Aitken KJ, Sotiropoulos C, Kirwan T, Panchal T, Zhang N, Pu S, Wodak S, Tolg C, **Bägli DJ**. Phenotypic switching induced by damaged matrix is associated with DNA methyltransferase 3A (DNMT3A) Activity and nuclear localization in smooth muscle cells (SMC). *PLoS One*. 2013 Jan 1;8(8):e69089. **Senior Responsible Investigator**.
88. Tolg C, Ahsan A, Dworski S, Kirwan T, Yu J, Aitken K, **Bägli DJ**. Pathologic bladder microenvironment attenuates smooth muscle differentiation of skin derived precursor cells: implications for tissue regeneration. *PLoS One*. 2013 Jan 1;8(4):e59413. **Senior Responsible Investigator**.
89. KJ Aitken, JX Jiang, TP Kirwan, T PAnchal, C Tolg, **DJ Bagli**. DNA methylation and phenotypic switching and smooth muscle cells: extracellular matrix microenvironment modulation of epigenetics. *PLoS One*. **Senior Responsible Investigator**.

90. Koh J, Cheung JJ, Mackinnon K, Brett C, **Bagli DJ**, Kapralos B, & Dubrowski A. Web-Based Learning and Computer Supported Collaborative Learning for Psychomotor Skill Acquisition: Perspectives of Medical Undergraduate Students. *Studies in Health Technology and Informatics*. 184:222-4, 2013. **Co-Principal Author**.
91. Cheung JJ, Koh, J, Mackinnon K, Brett C, **Bagli DJ**, Kapralos B, & Dubrowski A. The Use of Web-Based Learning for Simulation-Based Education and Training of central Venous Catheterization in Novice Learners. *Studies in Health Technology and Informatics*. 184:71-7, 2013. **Co-Principal Author**.
92. L. E. Jesus, A. Schanaider, G. Patterson, A. Marchenko, K. J. Aitken, B. Leslie, **D. J. Bagli**, J. L. Pippi-Salle. Urethral compliance in hypospadias operated by tubularized incised urethral plate (TIP) with and without a dorsal inlay graft: an experimental controlled study. *World Journal of Urology*. Dec. 9, 2012. **Coauthor or Collaborator**.
93. Romao RL, Farhat WA, Pippi Salle JL, Braga LH, Figueroa V, **Bägli DJ**, Koyle MA, Lorenzo AJ. Early postoperative ultrasound after open pyeloplasty in children with prenatal hydronephrosis helps identify low risk of recurrent obstruction. *Journal of Urology*. 188 (6): 2347-53, 2012. **Co-Principal Author**.
94. S Wilkins, G Barash, M Spinner, K Zhang, I Mahfuz, R Quantin, N Cruz, J Hutson, E Michael, **D. Bagli**, K Glennie, N Patrick, K Sui, W Fung, T Mina, A Thakre G. Johar, E Guizar, L Long, W Cheng. Insertion/Deletion Polymorphisms in the β 63 Promoter are a Risk Factor for Bladder Exstrophy Epispadias Complex. *PLoS Genetics*. 2012 (In press). **Collaborator**.
95. K Aitken, J Jiang, N Zhang, T Kirwan, T Panchal, R Cortese, C Tolg, **DJ Bägli**. Nuclear localization of DNA methyltransferase-3A is associated with dynamic phenotypic states. *PLoS ONE*. **Senior Responsible Author**.
96. Pippi Salle JL, Jesus LE, Lorenzo AJ, Romão RL, Figueroa VH, **Bägli DJ**, Reda E, Koyle MA, Farhat WA. Glans Amputation During Routine Neonatal Circumcision: Mechanism of Injury and Strategy for Prevention. *Journal of Urology*. Nov 5, 2012. **Collaborator**.
97. Romao RL, Pippi Salle JL, Shuman C, Weksberg R, Figueroa V, Weber B, **Bagli DJ**, Farhat WA, Grant R, Gerstle JT and Lorenzo AJ. Nephron sparing surgery for unilateral Wilms tumor in children with predisposing syndromes: single center experience over 10 years. *J Urol*. 2012 Oct. 2012 Oct;188(4 Suppl):1493-8. doi: 10.1016/j.juro.2012.02.034. Epub 2012 Aug 19. **Co-Principal Author**
98. Figueroa V, Pippi Salle JL, Braga LH, Romao R, Koyle MA, **Bagli DJ** and Lorenzo AJ. Comparative analysis of detorsion alone versus detorsion and tunica albuginea decompression (fasciotomy) with tunica vaginalis flap coverage in the surgical management of prolonged testicular ischemia. *J Urol*. 2012 Oct. 2012 Oct;188(4 Suppl):1417-22. doi: 10.1016/j.juro.2012.02.017. Epub 2012 Aug 17. **Coauthor or Collaborator**.
99. Tolg C, Hamilton SR, Zalinska E, McCulloch L, Amin R, Akentieva N, Winnik F, Savani R, **Bagli DJ**, Luyt LG, Cowman MK, McCarthy JB and Turley EA. A RHAMM mimetic peptide blocks hyaluronan signaling and reduces inflammation and fibrogenesis in excisional skin wounds. *Am J Pathol*. 2012 Oct. 2012 Oct;181(4):1250-70. doi: 10.1016/j.ajpath.2012.06.036. Epub 2012 Aug 11. **Coauthor or Collaborator**.
100. Moalem S, Babul-Hirji R, Stavropolous DJ, Wherrett D, **Bagli DJ**, Thomas P and Chitayat D. XX male sex reversal with genital abnormalities associated with a de novo SOX3 gene duplication. *Am J Med Genet A*. 2012 Jul. 2012 Jul;158A(7):1759-64. doi: 10.1002/ajmg.a.35390. Epub 2012 Jun 7. **Coauthor or Collaborator**.
101. S Alali, KJ Aitken, **DJ Bägli**, IA Vitkin. Optical assessment of tissue anisotropy in ex-vivo distended rat bladders. *Journal of Biomedical Optics*. 17(8):86010. **Principal Author**.
102. Mohamed Elkelini, **Darius J. Bagli**, Michael Fehlings, Magdy Hassouna. Effects of Intravesical OnabotulinumtoxinA on bladder dysfunction and autonomic dysreflexia after spinal cord injury: Role of Nerve Growth Factor. *British Journal of Urology*. 109(3): 402-7, 2012. **Co-Principal Author**.
103. Alexander A., Weber B., Lorenzo AJ., Keays M., El-Ghazaly T., **Bagli DJ.**, Pippi Salle JL., Irwin M., Farhat WA. Hydronephrosis in children with abdominal and pelvic neoplasms: outcome and survival analysis of a single center pediatric oncology series. *J Urol*. 186 (4 Suppl): 1705-9. October 2011. **Coauthor or Collaborator**.

104. Leslie B, Jesus LE, El-Hout Y, Moore K, Farhat WA, **Bägli DJ**, Lorenzo AJ, Pippi Salle JL. Comparative Histological and Functional Controlled Analysis of Tubularized Incised Plate Urethroplasty With and Without Dorsal Inlay Graft: A Preliminary Experimental Study in Rabbits. *Journal of Urology*. J Urol. 2011 Aug 19. **Coauthor or Collaborator**.
105. Jesus LE, Farhat WA, Amarante AC, Dini RB, Leslie B, **Bägli DJ**, Lorenzo AJ, Pippi Salle JL. Clinical Evolution of Vesicoureteral Reflux Following Endoscopic Puncture in Children With Duplex System Ureteroceles. *J Urol*. 2011 Aug 19. **Coauthor or Collaborator**.
106. Karsli C, El-Hout Y, Lorenzo AJ, Langer JC, **Bägli DJ**, Pippi Salle JL, Bissonette B, Farhat WA. Physiological Changes in Transperitoneal Versus Retroperitoneal Laparoscopy in Children: A Prospective Analysis. *J Urol*. 2011 Aug 18. **Coauthor or Collaborator**.
107. Tolg C, Sabha N, Cortese R, Panchal T, Ahsan A, Soliman A, Aitken KJ, Petronis A, **Bägli DJ**. Uropathogenic *E. coli* infection provokes epigenetic downregulation of CDKN2A (p16INK4A) in uroepithelial cells. *Laboratory Investigation*. **Senior Responsible Author**.
108. Leslie, B., Lorenzo, AJ., Moore, K., Farhat, WA., **Bagli, DJ.**, Pippi Salle, JL. Long-Term Followup and Time to Event Outcome Analysis of continent Catheterizable Channels. *The Journal of Urology*. Vol 185, pp. 2298-2302, 2011. **Coauthor or Collaborator**.
109. Leslie B, Lorenzo AJ, Figueroa V, Moore K, Farhat WA, **Bägli DJ**, Pippi Salle JL. Critical outcome analysis of staged buccal mucosa graft urethroplasty for prior failed hypospadias repair in children. *Journal of Urology*. 185(3):1077-82, 2011. **Coauthor or Collaborator**.
110. Braga LH, Lorenzo AJ, Suoub M, **Bagli DJ**. Is statistical significance sufficient? Importance of interaction and confounding in hypospadias analysis. *Journal of Urology*. Volume 184 (6) p 2510-2515, 2010. **Coauthor or Collaborator**.
111. El-Hout, Y, Braga, LH, Pippi-Salle, JL, **Bagli, DJ**, Lorenzo, AJ. Assessment of Urethral Plate (UP) Appearance Through Digital Photography: Do Pediatric Urologists Agree in Their Impressions of up in Children Hypospadias? *Journal of Urology*. 6 (3): 294-300. **Coauthor or Collaborator**.
112. Braga, LH, Lorenzo AJ, **Bagli, DJ**, Mahdi, M, Pippi Salle, JL, Khoury, AE, Farhat, WA. Comparison of Flank, Dorsal Lumbotomy and Laparoscopic Approaches for Dismembered Pyeloplasty in Children Older Than 3 Years With Ureteropelvic Junction Obstruction. *Journal of Urology*. 183 (1):306-11, 2010. **Coauthor or Collaborator**.
113. El-Hout, Y, Pippi Salle, JL, Al-Saad, T, **Bagli, DJ**, Lorenzo, AJ, Neilson, B, Farhat. Do Patients with Classic Bladder Exstrophy have Fecal Incontinence: A Web-based Study. *Journal of Urology*. 75 (5): 1166-8, 2010. **Coauthor or Collaborator**.
114. Aitken, KJ, Tolg, C, Panchal, t, Sabha, N, Yu, J, Elkelini, M, Tse, D, Lorenzo, AJ, Hassouna, M, Leslie, B, **Bagli, DJ**. Mammalian target of rapamycin (mTOR) induces proliferation and de-differentiation responses to three coordinate pathophysiologic stimuli (mechanical strain, hypoxia, and extracellular matrix remodeling) in rat bladder smooth muscle. *American Journal of Pathology* (2010). 176(1) 304-319. **Senior Responsible Author**.
115. Braga, L, **Bagli, DJ**, Lorenzo, A. Placebo Controlled Trials In Pediatric Urology: A Cautionary View From An Ethical Perspective. *Journal of Pediatric Urology*. 6 (5): 435-42, 2010. **Co-Principal Author**.
116. Elkelini, MS, Aitken, K Bagli, DJ, Hassouna, MM. Effects of doxycycline on voiding behaviour of rats with bladder outlet obstruction. *British Journal of Urology*. 103(4): pp 537-40, 2009. **Senior Responsible Author**.
117. Aitken, K, and **Bagli, DJ**. The Bladder Extracellular Matrix, Part I: Architecture, Development And Disease. *Nature Reviews Urology* (2009) Vol. 6 (11) pp. 596-611. **Senior Responsible Author**.
118. Aitken, K and **Bagli, DJ**. The Bladder Extracellular Matrix, Part II: Regenerative Applications. *Nature Reviews Urology* (2009) vol. 6 (9) pp. 469-70. **Senior Responsible Author**.

119. Sahba, NS, Aitken, KJ, Toelg, C, Panchal, T, **Bagli, DJ**. Increased DNMT1 Expression and Activity in Uroepithelial Cells Following Uropathogenic E-Coli Infection. *Journal of Urology* 2009: 181(4): pp 18-19. **Principal Author**.
120. Afshar, K, Mirbagheri, A, Scott, H, MacNeily, AE. Development of a Symptom Score for Dysfunctional Elimination Syndrome (Editorial Comment). *The Journal of Urology* 2009: 182(4): pp 1939. **Principal Author**.
121. Eeg, KR, Khoury, AE, Halachmi, S, Braga, LH, Farhat, WA, **Bagli, DJ**, Pippi Salle, JL, Lorenzo, AJ. Single center experience with application of the ALARA concept to serial imaging studies after blunt renal trauma in children--is ultrasound enough? *Journal of Urology* 2009: 181(4): pp 1834-40. **Co-Principal Author**.
122. Dave, S, Manaboriboon, N, Braga, LH, Lorenzo, AJ, Farhat, WA. Open Versus Laparoscopic Staged Fowler-Stephens Orchiopexy: Impact of Long Loop Vas. *Journal of Urology*. 182 (5): 2435-9, 2009. **Collaborator**.
123. Braga, LH, Lorenzo, AJ, **Bagli, DJ**, Khoury, AE, Pippi Salle, JL. Outcome Analysis of Isolated Male Epispadias: Single Center Experience with 33 Cases. *Journal of Urology* 2008: 179(3): pp 1107-1112. **Co-Principal Author**.
124. Braga, LH, Lorenzo, AJ, Jreaz, R, **Bagli, DJ**, Farhat, WA, Pippi Salle, JL, Khoury, AE. Gender- Based Outcome Analysis after Complete Primary Repair of Bladder Exstrophy (CPRE). *Journal of Urology* 2008: 179(4): pp 95. **Collaborator**.
125. Braga, LH, Lorenzo, AJ, El-Hout, Y, Farhat, WA, **Bagli, DJ**, Khoury, AE, Pippi Salle, JL. Should we Still use Onlay Island Flap for Penoscrotal Hypospadias Repair? *Journal of Urology* 2008: 179(4): pp 408-409. **Collaborator**.
126. Daves, S, Pippi Salle, JL, Lorenzo, AJ, Braga, LH, Peralta-Del Valle, MH, **Bagli, DJ**, Farhat, WA, Khoury, AE. Is Long Term Bladder Deterioration Inevitable following Successful Isolated Bladder Outlet Procedures in Children with Neuropathic Bladder Dysfunction? *Journal of Urology* 2008: 179(5): pp 1991-6. **Co-Principal Author**.
127. Wallis, MC, Lorenzo, AJ, Farhat, WA, **Bagli, DJ**, Khoury, AE, Pippi Salle, JL. Risk Assessment of Incidentally Detected Complex Renal Cysts in Children: Potential Role For a Modification of The Bosniak Classification. *Journal of Urology* 2008: 180(1): pp 317-321. **Collaborator**.
128. Braga, LH, Lorenzo, AJ, **Bagli, DJ**, Dave, S, Eeg, K, Farhat, WA, Pippi Salle, DJ, Khoury, AE. Ventral penile lengthening versus dorsal plication for severe ventral curvature in children with proximal hypospadias. *Journal of Urology* 2008: 180(4)supp: pp 1743-7. **Collaborator**.
129. Braga, LH, Lorenzo, AJ, **Bagli, DJ**, Keays, M, Farhat, WA, Khoury, AE, Pippi Salle, JL. Risk Factors for Recurrent Ureteropelvic Junction Obstruction after Open Pyeloplasty in a Large Pediatric Cohort. *Journal of Urology* 2008: 180(4): pp 1684-7. **Co-Principal Author**.
130. Braga, LH, Lorenzo, AJ, Farhat, WA, **Bagli, DJ**, Khoury, AE, Pippi Salle, JL. Outcome analysis and cost comparison between externalized pyeloureteral and standard stents in 470 consecutive open pyeloplasties. *Journal of Urology* 2008: 180(4)supp: pp 1693--8. **Collaborator**.
131. Lavoie, JF, Biernaskie, JA, Chen, Y, **Bagli, DJ**, Alman, B, Kaplan, DR, Miller, FD. Skin-derived Precursors Differentiate into Skeletogenic Cell Types and Contribute to Bone Repair. *Stem Cells Dev*. 2008. **Co-Principal Author**.
132. Pippi Salle, JL, Cook, AJ, Papanikolaou, F, **Bagli, DJ**, Breen, SL, Charron, M, Braga, LH, Lorenzo, AJ, Khoury, AE. The importance of obtaining conjugate views on renographic evaluation of large hydronephrotic kidneys: an in vitro and ex vivo analysis. *Journal of Urology* 2008: 180(4): pp 1559-65. **Co-Principal Author**.
133. Khoury, AE, Dave, S, Peralta-Del Valle, MH, Braga, LH, Lorenzo, AJ, **Bagli, DJ**. Severe bladder trabeculation obviates the need for bladder outlet procedures during augmentation cystoplasty in incontinent patients with neurogenic bladder. *British Journal of Urology* 2008: 101(2): pp 223-6. **Co-Principal Author**.
134. Dave, S, Lorenzo, AJ, Khoury, AE, Braga, LH, Skeldon, SJ, Suoub, M, Farhat, WA, Pippi Salle, JL, **Bagli, DJ**. Learning From the Learning Curve: Factors Associated With Successful Endoscopic Correction of Vesicoureteral Reflux Using Dextranomer/Hyaluronic Acid Copolymer. *The Journal of Urology* 2008: 180(4): pp 1594-9. **Senior Responsible Investigator**.

135. Braga LH, Pippi Salle JL, Lorenzo AJ, Dave S, Khoury AE, **Bagli DJ**. Comparative Analysis of Tubularized Incised Plate Versus Onlay Island Flap Urethroplasties for Penoscrotal Hypospadias. *Journal of Urology* 2007: 178(4): pp 1451-6. **Senior Responsible Investigator**.
136. Pippi Salle JL, Braga LH, Macedo N, Rosito N, **Bagli DJ**. Corporal Sparing Dismembered Clitoroplasty: An Alternative Technique for Feminizing Genitoplasty. *The Journal Urology* 2007: 178(4)Pt.2: pp 1796-1801. **Co-Principal Author**.
137. Braga, LH, Lorenzo, AJ, Pippi Salle, JL, Skeldon, S, Dave, S, **Bagli, DJ**, Khoury, AE, Farhat, WA. Failed Pyeloplasty in Children: Comparative Analysis of Retrograde Endopyelotomy versus Re-do Pyeloplasty. *Journal of Urology* 2007: 178(6): pp 2571-5. **Collaborator**.
138. Braga, LHP, Pippi Salle, JL, Dave, S, **Bagli, DJ**, Lorenzo, AJ, Khoury, AE. Outcome Analysis of Severe Chordee Correction Using Tunica Vaginalis as a Flap in Boys with Proximal Hypospadias. *Journal of Urology* 2007: 178: pp 1693-1697. **Co-Principal Author**.
139. Lorenzo, AJ, Wallis, C, Cook, A, Buffett-Fairen, A, Bozic, D, **Bagli, DJ**, Khoury, AE, Pippi Salle, JL. What is the Variability in Urodynamic Parameters with Position Change in Children, Analysis of a Prospectively Enrolled Cohort. *Journal of Urology* 2007: 178(6): pp 2567-70. **Collaborator**.
140. Cook, A, Lorenzo, AJ, Salle, JL, Bakhshi, M, Cartwright, LM, **Bagli, DJ**, Farhat, WA, Khoury, AE. Pediatric Renal Cell Carcinoma: Single Institution 25 Year Case Series and Initial Experience with Partial Nephrectomy. *Journal of Urology* 2006: 175(4): pp 1456-60. **Collaborator**.
141. Lorenzo A, Pippi Salle JL, Barroso U, Cook A, Grober E, Wallis C, **Bagli DJ**, Khoury AE. What are the most powerful determinants of endoscopic vesicoureteral reflux correction? Multivariate analysis of a single institution experience during 6 years. *Journal of Urology* 2006: 176: pp 1851-1855. **Co-Principal Investigator**.
142. Wallis MC, Khoury AE, Lorenzo AJ, Pippi Salle JL, **Bagli D**, Farhat W. Outcome Analysis of Retroperitoneal Laparoscopic Heminephrectomy in Children. *Journal of Urology* 2006: 175(6): pp 2277-80. **Co-Principal Investigator**.
143. Brown AI, Ringuette MJ, Prestwich GD, **Bagli DJ**, Woodhouse KA. Effects of hyaluronan and SPARC on fibroproliferative events assessed in an in vitro bladder acellular matrix model. *Biomaterials* 2006: 27(20): pp 3825-35. **Co-Principal Investigator**.
144. Estrada, C, R Adam, S Eaton, **DJ Bagli**, M Freeman. Inhibition of EGFR Signaling Abrogates Smooth Muscle Proliferation Resulting from Sustained Distension of the Urinary Bladder. *Laboratory Investigation* 2006: 86(12): pp 1293-302. **Co-Principal Investigator**.
145. Aitken, KJ, Block, G, Lorenzo, A, Herz, D, Sabba, N, Dessouki, O, Fung, F, Szybowska, M, Craig, L, **Bagli, DJ**. Mechanotransduction of extracellular signal-regulated Kinases 1 and 2 mitogen-activated protein kinase activity in smooth muscle is dependent on the extracellular matrix and regulated by matrix metalloproteinases. *American Journal of Pathology* 2006: 169(2): pp 149-158. **Senior Responsible Investigator**.
146. Halachmi S, Aitken D, Szybowska M, Sabha N, Dessouki S, Tse D, Lorenzo A, **Bagli DJ**. The Role of Signal Transducer And Activator Of Transcription-3 (STAT 3) In Stretch Injury To Bladder Smooth Muscle Cells. *Cell & Tissue Research* 2006: Epub ahead: pp of print. **Senior Responsible Investigator**.
147. Sabha N, Aitken K, Lorenzo AJ, Szybowska M, Jairath A, **Bagli DJ**. Matrix metalloproteinase-7 and epidermal growth factor receptor mediate hypoxia-induced extracellular signal-regulated kinase 1/2 mitogenactivated protein kinase activation and subsequent proliferation in bladder smooth muscle cells. *In Vitro Cell Dev. Biology Animal* 2006: 42(5): pp 124-33. **Senior Responsible Investigator**.
148. Brown AI, Brook-Allred TT, Waddell JE, White J, Werkmeister JA, Ramshaw JA, **Bagli DJ**, Woodhouse KA. Bladder Acellular Matrix as a Substrate for Studying in vitro Bladder Smooth Muscle-Urethelial cell interactions. *Biomaterials* 2005: 26 (5): pp 529-543. **Co-Principal Investigator**.
149. Toma J, McKenzie I, **Bagli DJ**, Miller F. Isolation and Characterization of Multipotent Skin Derived Precursors from Human Skin. *Stem Cells* 2005: 23(6): pp 727-737. **Co-Principal Investigator**.

150. Afshar K, Papanikolaou F, Malek R, **Bagli D**, Pippi Salle JL, Khoury AE. Vesico-Ureteral Reflux in Complete Ureteral Duplication: Conservative or Surgical Management? *Journal of Urology* 2005; 173: pp 1725-1727. **Co-Principal Investigator.**
151. Afshar K, Malek R, Bakhshi M, Papanikolaou F, Farhat W, **Bagli DJ**, Khoury AE, Pippi Salle JL. Should the presence of congenital para-ureteral diverticulum affect the management of vesicoureteral reflux? *Journal of Urology* 2005; 174 (4): pp 1590-1593. **Collaborator.**
152. Cook A, Khoury AE, **Bagli DJ**, El-Ghoneimi A, Farhat WA. The Development of Laparoscopic Surgical Skills in Pediatric Urologists: Long-Term Outcome of a Mentorship-Training Model. *Canadian Journal of Urology* 2005; 12 (5): pp 2824-2828. **Collaborator.**
153. Cook A, Khoury AE, **Bagli DJ**, Farhat WA, Pippi Salle JL. Use of Buccal Mucosa to Simulate the Coronal Sulcus after Traumatic Penile Amputation. *Urology* 2005; 66(5): pp 1109. **Co-Principal Investigator.**
154. Cook A, Pippi Salli JL, Reid J, Fontana-Chow K, Kuan J, Razvi H, Farhat W, **Bagli DJ**, Khoury AE. Prospective Evaluation of Remote, Interactive Videoconferencing to Enhance Urology Resident Education: The GU Teleteaching Initiative. *Journal of Urology* 2005; 174 (4): pp 1958-1960. **Co-Principal Investigator.**
155. Cook A, Khoury AE, Neville C, **Bagli DJ**, Farhat W, Pippi Salle JL. A multicenter evaluation of technical preferences for primary hypospadias repair. *Journal of Urology* 2005; 174: pp 2354-2357. **Collaborator.**
156. Halachmi S, Farhat W, Metcalfe P, **Bagli DJ**, McLorie GA, Khoury AE. Efficacy of macroplastique injection to the bladder neck and to leaking diverting stoma for urinary continence. *American Journal of Urology* 2004; 171: pp 1287-1290. **Collaborator.**
157. Afshar K, McLorie GA, Papanikolaou F, Malek R, Harvey E, Pippi Salle JL, **Bagli DJ**, Khoury AE, Farhat WA. Outcome of small residual stone fragments following shockwave lithotripsy in children. *Journal of Urology* 2004; 172 (4): pp 1600-1603. **Collaborator.**
158. Farhat W, Afshar K, Papanikolaou F, Austin R, Khoury AE, Bagli AE. Retroperitoneal-Assisted Laparoscopic Pyeloplasty in children: Initial Experience. *Journal of Endourology* 2004; 18(9): pp 879-882. **Collaborator.**
159. **Bagli DJ**, Belman AB, Cilento BG, Huff D, Metcalfe P, Pohl H, Retik A, Rushton G, Shukla A. Prepubertal testis tumors: Actual prevalence rate of histologic types. *Journal of Urology* 2004; 172 (6)237: pp 2370-2372. **Senior Responsible Investigator.**
160. Aboutaleb H, Bolduc S, Upadhyay J, **Bagli D**, Khoury AE. Comparison of Intravesical and Extravesical Ureteral Reimplantation for Primary and Secondary Reflux. *Arab Journal of Urology* 2004; 2 (1): pp 28-32. **Co-Principal Investigator.**
161. Hafez AT, Herz DB, **Bagli DJ**, Smith CR, McLorie GA, El-Ghoneimi A, Khoury AE. Healing of Unstented Tubularized Incised Plate Urethroplasty: An Experimental Study in a Rabbit Model. *British Journal of Urology* 2003; 91(1): pp 84-88. **Co-Principal Investigator.**
162. Hafez A, **Bagli DJ**, Bahoric A, Aitken K, Smith C, Herz D, Khoury AE. Aerosol Transfer of Bladder Urothelial and Smooth Muscle Cells (SMCs) Onto De-Mucosalized Colonic Segments. *Journal of Urology* 2003; 169: pp 2316-2320. **Co-Principal Investigator.**
163. Halachmi S, El Ghoneimi A, Bissonnette B, Zaarour C, **Bagli DJ**, McLorie GA, Khoury AE, Farhat W. Hemodynamic and Respiratory effect of pediatric urological laparoscopic surgery: Retrospective study. *Journal of Urology* 2003; 170: pp 1651-1654. **Co-Principal Investigator.**
164. Halachmi S, El-Ghoneimi A, Bissonnette B, Zaarour C, **Bagli DJ**, McLorie GA, Khoury AE, Farhat W. Hemodynamic and Respiratory Effects of Urological Laparoscopic Surgery. *J of U/This Month in Pediatric Urology Section on Urology, American Academy of Pediatrics Supplement* 2003; 170: pp 1067-1069. **Co-Principal Investigator.**

165. Upadhyay J, Aitken K, Gu J, Damdar C, Bolduc S, **Bagli DJ**. Integrins are coordinately expressed with bladder extracellular matrix following stretch injury in VIVO and mediate bladder smooth muscle cell growth in VITRO. *Journal of Urology* 2003; 169: pp 750-755. **Co-Principal Investigator**.
166. Halachmi S, Farhat W, Konen O, Khan A, Hodapp J, **Bagli DJ**, McLorie, Khoury AE. Pelvic floor magnetic resonance imaging after neonatal single stage reconstruction in male patients with classic bladder exstrophy. *Journal of Urology* 2003; 170: pp 1505-1509. **Senior Responsible Investigator**.
167. Herz D, Aitken K, **Bagli DJ**. Collagen directly stimulates bladder smooth muscle cell growth in vitro: Regulation by extracellular regulated mitogen activated protein kinase. *The Journal of Urology* 2003; 170: pp 2072-2076. **Senior Responsible Investigator**.
168. Metcalfe PD, Farivar-Mohseni H, Farhat W, McLorie G, Khoury A, **Bagli DJ**. Pediatric testicular tumors: Contemporary incidence and efficacy of testicular preserving surgery. *Journal of Urology* 2003; 170: pp 2412-2416. **Senior Responsible Investigator**.
169. Aboutaleb H, Bolduc S, Upadhyay J, Farhat W, **Bagli DJ**, Khoury AE. Subureteral Polydimethylsiloxane Injection Versus Extravesical Reimplantation for Primary Low Grade Vesicoureteral Reflux in Children: A Comparative Study. *Journal of Urology* 2003; 169: pp 313-316. **Co-Principal Investigator**.
170. Hammouda H, EL-Ghoneimi A, **Bagli DJ**, McLorie GA, Khoury AE. Tubularized Incised Plate Repair: Functional Outcome After Intermediate Followup. *Journal of Urology* 2003; 169: pp 331-333. **Co-Principal Investigator**.
171. S Halachmi, P Chait, J Hodapp, **D Bagli**, GA McLorie, AE Khoury, W Farhat. Renal pseudoaneurysm following blunt renal trauma in a pediatric patient; management by angiographic embolization. *Urology* 2003; 61: pp 224-226. **Coauthor**.
172. Bolduc S, Upadhyay J, Payton J, Aboutaleb H, **Bagli DJ**, McLorie GA, Khoury AE, Farhat W. The Use of tolterodine in children after oxybutinin failure. *British Journal of Urology* 2003; 91(4): pp 398-401. **Collaborator**.
173. El-Ghoneimi A, Farhat W, Bolduc S, **Bagli D**, McLorie G, Khoury AE. Retroperitoneal Laparoscopic vs Open Partial Nephroureterectomy in Children. *British Journal of Urology* 2003; 91(6): pp 532-535. **Senior Responsible Investigator**.
174. Bolduc S, Upadhyay J, Restrepo R, Sherman C, Farhat W, **Bagli D**, McLorie GA, Khoury AE, EL Ghoneimi A. The predictive value of diagnostic imaging ureteroceles. *British Journal of Urology* 2003; 91(7): pp 678-682. **Collaborator**.
175. Upadhyay J, Bolduc S, **Bagli D**, McLorie GA, Khoury AE, Farhat W. Natural history of neonatal reflux associated with antenatal hydronephrosis long-term results of a prospective study. *American Journal of Urology* 2003; 169(5): pp 1837-1841. **Co-Principal Investigator**.
176. Upadhyay J, Bolduc S, **Bagli DJ**, McLorie GA, Khoury AE, Farhat W. Use of the Dysfunctional Voiding Symptom Score to Predict Resolution of Vesicoureteral Reflux in children with Voiding Dysfunction. *Journal of Urology* 2003; 169(5): pp 1842-1846. **Co-Principal Investigator**.
177. Aboutaleb H, Bolduc S, **Bagli DJ**, Khoury AE. Correlation of Vesicoureteral Reflux with degree of hydronephrosis and the impact of antireflux surgery. *American Journal of Urology* 2003; 170: pp 1560-1562. **Co-Principal Investigator**.
178. Aboutaleb H, Farhat W, Bolduc S, Upadhyay J, **Bagli DJ**, Khoury E. Polydimethylsiloxane Injection Versus open Surgery for the Treatment of Vesicoureteral Reflux in complete Duplex Systems. *American Journal of Urology* 2003; 170: pp 1563-1565. **Co-Principal Investigator**.
179. Farhat W, Khoury AE, **Bagli DJ**, McLorie GA, El-Ghoneimi A. Mentored retroperitoneal laparoscopic renal surgery in children: a safe approach to learning. *British Journal of Urology* 2003; 92(6): pp 617-620. **Collaborator**.
180. Hafez AT, McLorie GA, Gilday D, Laudenberg J, Upadhyay J, **Bagli D**, Khoury AE. Long-Term evaluation of metabolic profile and bone mineral density after ileocystoplasty in children. *Journal of Urology* 2003; 170: pp 1639-1642. **Collaborator**.

181. McLorie GA, Pugach J, Pode D, Denstedt J, **Bagli DJ**, Meretyk S, Honey J, Merguerian P, Shapiro A, Khoury AE, Landau E. Safety and efficacy of extracorporeal shock wave lithotripsy in infants. *Canadian Journal of Urology* 2003; 10(6): pp 2051-2055. **Collaborator**.
182. **Bagli DJ**, Reddy P, Mitchell ME. Pediatric Dysfunctional Voiding in the 21st Century. *AUA Update Series/Lesson* 26 2003: XXII: pp 202-207. **Senior Responsible Investigator**.
183. Hafez AT, McLorie GA, **Bagli DJ**, Khoury AE. Single-center long-term outcome analysis of artificial urinary sphincter (AUS) placement in a pediatric population. *British Journal of Urology* 2002; 89(1): pp 82-85. **Collaborator**.
184. Farhat W, McLorie G, **Bagli D**, Khoury AE. Greater reliability of neonatal ultrasonography in defining renal hypoplasia with antenatal hydronephrosis and vesicoureteral reflux. *Canadian Journal of Urology* 2002; 9(1): pp 1459-1463. **Collaborator**.
185. Upadhyay J, Bolduc S, Braga L, Farhat W, **Bagli DJ**, McLorie GA, Khoury AE, EL Ghoneimi A. Impact of prenatal diagnosis on the morbidity associated with ureterocele management. *Journal Of Urology* 2002; 167: pp 2560-65. **Collaborator**.
186. Bolduc S, Upadhyay J, Farhat W, Sherman C, **Bagli DJ**, McLorie GA, Khoury AE, El Ghoneimi A. Histology of upper pole is unaffected by antenatal diagnosis in duplex system ureteroceles. *The Journal of Urology* 2002; 168(3): pp 1123-1126. **Co-Principal Investigator**.
187. Hafez At, McLorie GA, **Bagli DJ**, Khoury AE. Trend analysis with serial ultrasound for high grade neonatal hydronephrosis. *The Journal of Urology* 2002; 168: pp 1518-1521. **Co-Principal Investigator**.
188. Bolduc S, Capolicchio GP, Upadhyay J, **Bagli D**, Khoury AE, McLorie GA. The fate of the upper urinary tract in exstrophy. *Journal of Urology* 2002; 168: pp 2579-2582. **Co-Principal Investigator**.
189. Herz D, **Bagli DJ**, Aitken K. Is extracellular matrix induced proliferation of bladder smooth muscle cells reversible? *Pediatrics (Supplement)* 2001. **Senior Responsible Investigator**.
190. Farhat W, McLorie GA, O'Reilly S, Khoury AE, **Bagli DJ**. Reliability of the pediatric dysfunctional voiding symptom score in monitoring response to behavioral modification in children with voiding dysfunction. *Urology* 2001; 6: pp 1401-1405. **Senior Responsible Investigator**.
191. Capolicchio JP, Aitken K, Gu J, Reddy P, **Bagli D**. Extracellular Matrix gene responses in a novel Ex Vivo model of bladder stretch injury. *Journal of Urology* 2001; 165: pp 2236-2240. **Senior Responsible Investigator**.
192. McLorie GA, Joyner BD, Herz D, McCallum J, **Bagli DJ**, Merguerian PA, Khoury AE. A prospective randomized clinical trial to evaluate methods of postoperative care in hypospadias. *Journal of Urology* 2001; 165: pp 1669-1672. **Co-Principal Investigator**.
193. Capolicchio JP, McLorie GA, Farhat W, Merguerian PA, **Bagli DJ**, Khoury AE. A population based analysis of continence outcomes in bladder exstrophy. *Journal of Urology* 2001; 165: pp 2418-2421. **Collaborator**.
194. Hafez AT, Smith CR, McLorie GA, El-Ghoneimi A, Herz D, **Bagli D**, Khoury AE. Tunica vaginalis for correction of penile chordee: is there a difference between flap versus graft? *Journal of Urology* 2001; 166(4): pp 1429-1432. **Collaborator**.
195. Herz D, Hafez A, **Bagli DJ**, Capolicchio GP, McLorie GA, Khoury AE. Efficacy of endoscopic subureteral macroplastique injection for the treatment of vesicoureteral reflux in children: First North American report. *The Journal of Urology* 2001; 166(5): pp 1880-1886. **Co-Principal Investigator**.
196. Herz, DB, McLorie GA, Hafez AT, Rodgers-Herz, C, Shuckett B, El-Ghoneimi A, **Bagli DJ**, Merguerian PA, Khoury AE. High resolution ultrasound characterization of early allograft hemodynamics in pediatric renal transplantation. *Journal of Urology* 2001; 166(5): pp 1853-1858. **Co-Principal Investigator**.
197. Merguerian PA, Reddy PP, Barrieras DJ, Wilson GJ, Woodhouse K, **Bagli DJ**, McLorie GA, Khoury AE. Acellular bladder matrix allografts in regeneration of functional bladders: evaluation of large segment (>24 cm²). *British Journal of Urology* 2000; 85: pp 894-898. **Co-Principal Investigator**.

198. Finelli A, Babyn P, McLorie GA, **Bagli DJ**, Khoury AE, Merguerian PA. The use of MRI in the diagnosis and followup of pediatric pelvic rhabdomyosarcoma. *Journal of Urology* 2000; 163: pp 1952-1953. **Collaborator**.
199. Barrieras D, Lapointe S, Reddy PP, Williot P, McLorie GA, **Bagli D**, Khoury AE, Merguerian PA. Are postoperative studies justified after extravesical ureteral reimplantation. *Journal of Urology* 2000; 164: pp 1064-1066. **Co-Principal Investigator**.
200. Barrieras DJ, Reddy PP, McLorie GA, **Bagli DJ**, Khoury AE, Farhat W, Lilge L, Merguerian PA. Lessons learned from laser tissue soldering and fibrin glue pyeloplasty in vivo. *Journal of Urology* 2000; 164: pp 1106-1110. **Collaborator**.
201. Farhat W, McLorie GA, Geary D, Capolicchio JP, **Bagli DJ**, Merguerian PA, Khoury AE. The natural history of neonatal vesicoureteral reflux associated with antenatal hydronephrosis. *Journal of Urology* 2000; 164: pp 1057-1060. **Collaborator**.
202. Farhat W, McLorie GA, Capolicchio JP, Khoury AE, **Bagli DJ**, Merguerian PA. Outcomes of primary valve ablation versus urinary tract diversion in patients with posterior urethral valves. *Urology* 2000; 56: pp 653-657. **Co-Principal Investigator**.
203. Reddy PP, Barrieras DJ, Wilson G, **Bagli DJ**, McLorie GA, Khoury AE. Regeneration of functional bladder substitutes using large segment acellular matrix allografts in a porcine model: Long term results. *Journal of Urology* 2000; 164: pp 936-941. **Co-Principal Investigator**.
204. Farhat W, **Bagli DJ**, Capolicchio JP, O'Reilly S, Merguerian PA, Khoury AE, McLorie GA. Dysfunctional voiding scoring system: Quantitative standardization of dysfunctional voiding symptoms in children. *Journal of Urology* 2000; 164: pp 1011-1015. **Senior Responsible Investigator**.
205. Merguerian PA, Jamal MA, Agarwal SK, McLorie GA, **Bagli DJ**, Shuckett B, Gilday DL, Khoury AE. The utility of SPECT DMSA renal scanning in the evaluation of children with primary vesicoureteral reflux. *Urology* 1999; 53: pp 1024-1028. **Co-Principal Investigator**.
206. Logarakis NF, Carvalho MH, Agarwal SK, Merguerian PA, **Bagli DJ**, McLorie GA, Khoury AE. The role of testicular biopsy in splenic-gonadal fusion. *Canadian Journal of Urology* 1999; 6: pp 868-8871. **Co-Principal Investigator**.
207. Navarro O, Conolly B, Taylor G, **Bagli DJ**. Metanephric adenoma of the kidney: a case report. *Pediatric Radiology* 1999; 29: pp 100-103. **Co-Principal Investigator**.
208. Capolicchio G, McLorie GA, Chan A, Farhat W, Chitayat D, **Bagli DJ**, Merguerian PA, Nielson B, Khoury AE. Presence of Bilateral Fallopian Tubes with Measurable Mullerian Inhibiting Substance (MIS) in a True Hermaphrodite. *Urology* 1999; 53: pp 1033. **Co-Principal Investigator**.
209. **Bagli DJ**, Joyner Bd, Mahoney SR, McCulloch L. The hyaluronic acid receptor is induced by stretch injury of rat bladder in vivo and influences smooth muscle cell contraction in vitro. *Journal of Urology* 1999; 162: pp 832-840. **Senior Responsible Investigator**.
210. Barrieras D, Lapointe S, Reddy PP, Williot P, McLorie GA, **Bagli DJ**, Khoury AE, Merguerian PA. Urinary retention after bilateral extravesical ureteral reimplantation: Does dissection distal to the ureteral orifice play a role? *Journal of Urology* 1999; 162: pp 1197-1200. **Co-Principal Investigator**.
211. Khoury AE, Agarwal SK, **Bagli DJ**, Merguerian PA, McLorie GA. Concomitant modified bladder neck closure and mitrofanoff urinary diversion. *Journal of Urology* 1999; 162: pp 1746-1748. **Co-Principal Investigator**.
212. Reddy PP, Barrieras D, **Bagli DJ**, McLorie GA, Khoury AE, Merguerian PA. Initial experience with endoscopic holmium laser lithotripsy for pediatric urolithiasis. *Journal of Urology* 1999; 162: pp 1714-1716. **Co-Principal Investigator**.
213. **Bagli DJ**, Agarwal SK, Venkateswaran S, Shuckett B, Khoury AE, Merguerian PA, McLorie GA, Liu K, Niederberger CS. Artificial neural networks in pediatric urology: prediction of sonographic outcome following pyeloplasty. *Journal of Urology* 1998; 160: pp 980-983. **Senior Responsible Investigator**.

214. Pippi Salle JL, McLorie GA, **Bagli DJ**, Khoury AE. Modifications of and extended indications for the Pippi Salle procedure. *World Journal of Urology* 1998; 16: pp 279-284. **Collaborator**.
215. Homayoon K, Pippi Salle JL, Agarwal SK, **Bagli DJ**, McLorie GA, Gilday DL, Khoury AE. Relative accuracy of renal scan in estimation of renal function during partial ureteral obstruction. *Canadian Journal of Urology* 1998; 5: pp 611-619. **Collaborator**.
216. Merguerian PA, Agarwal SK, Greenberg, M, **Bagli DJ**, Khoury AE, McLorie GA. Outcome analysis of rhabdomyosarcoma of the lower urinary tract. *Journal of Urology* 1998; 160: pp 1191-1194. **Collaborator**.
217. Agarwal SK, **Bagli DJ**. Neurogenic bladder in children. *Indian Journal of Pediatrics*. 1997; 64: pp 313-326. **Senior Principal Investigator**.
218. VanSavage JG, Khoury AE, McLorie GA, **Bagli DJ**. Algorithm for the management of anterior urethral valves. *Journal of Urology* 1997; 158: pp 1030-1032. **Co-Principal Investigator**.
219. Homayoon K, Salle JLP, McLorie GA, **Bagli DJ**, Agarwal SK, Khoury AE. Correlation of inulin with creatinine clearance in partial unilateral ureteral obstruction for determination of differential glomerular filtration rate in rabbits. *Contemporary Topics (American Association for Laboratory Animal Science)* 1997; 36: pp 44-46. **Co-Principal Investigator**.
220. Agarwal SK, McLorie GA, Grewal D, Joyner BD, **Bagli DJ**, Khoury AE. Urodynamic correlates of resolution of reflux in meningomyelocele patients. *Journal of Urology* 1997; 158: pp 580-582. **Co-Principal Investigator**.
221. Pippi Salle JL, McLorie GA, **Bagli DJ**, Khoury AE. Urethral lengthening with anterior bladder wall flap (Pippi Salle Procedure): modifications and extended indications of the technique. *Journal of Urology* 1997; 158: pp 585-590. **Co-Principal Investigator**.
222. **Bagli DJ**, Van Savage JG, Khoury AE, Carr M, McLorie GA. Basic fibroblastic growth factor in the urine of children with voiding pathology: a potential indicator of bladder injury. *Journal of Urology* 1997; 158: pp 1123-1127. **Senior Responsible Investigator**.
223. Motta J, **Bagli DJ**, Van Savage JG, Khoury AE, McLorie GA, Salle JLP. Torsion of an indirect hernia sac: an unusual cause of acute scrotal swelling in children. *Urology* 1997; 50: pp 432-435. **Senior Responsible Investigator**.
224. Nguyen DH, Mitchell ME, Horowitz M, **Bagli DJ**, Carr MC. Demucosalized augmentation gastrocystoplasty with bladder autoaugmentation in pediatric patients. *Journal of Urology* 1996; 156: pp 206-209. **Co-Principal Investigator**.
225. Mitchell ME, **Bagli DJ**. Complete penile disassembly for epispadias repair: The Mitchell technique. *Journal of Urology* 1996; 155: pp 300-304 **Co-Principal Investigator**.
226. Tekgul S, Yoshino K, **Bagli D**, Carr MC, Mitchell ME, Yao LY. Collagen types I and III localization by in situ hybridization and immunohistochemistry in the partially obstructed young rabbit bladder. *Journal of Urology* 1996; 156: pp 582-586. **Co-Principal Investigator**.
227. Freeman MR, **Bagli DJ**, Lamb CC, Guthrie PD, Uchida T, Slavin RE, Chung LWK. Culture of a prostatic cell in basement membrane gels results in an enhancement of malignant properties and constitutive alterations in gene expression. *Journal of Cellular Physiology* 1994; 158: pp 325-336. **Co-Principal Investigator**.
228. **Bagli DJ**, Freeman MR. An epithelial-mesenchymal transformation in response to extracellular matrix leads to basement membrane invasion. *Surgery Forum* 1991; 42: pp 435-439. **Senior Responsible Investigator**.
229. Freeman MR, **Bagli DJ**, Guthrie PD, Lamb CC. Invasive differentiation of transformed prostate epithelial cells coincides with alterations in motility, extracellular matrix gene expression and cytokeratin filament organization. *Journal of Cell Biology* 1991; 115: pp 111a. **Co-Principal Investigator**.
230. **Bagli DJ**, D'Emilia JC, Summerhayes IC, Steele GD, Barlozzari T. c-Ha-ras Oncogene Induced differentiation and natural killer cell resistance in a human colorectal carcinoma cell line. *Cancer Research* 1990; 50(8): pp 2518-2523. **Co-Principal Investigator**.

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231. **Bagli DJ**, Steele GD, Barlozzari T. Natural killer sensitivity of colorectal carcinoma targets: correlation with degree of differentiation. Archives of Surgery 1989: 124(1): pp 89-93. **Senior Responsible Investigator**.
232. Daneker GW, Salem RR, **Bagli DJ**, Wolf B, Mercurio AM, Steele GD. Laminin expression by colorectal carcinomas varies with degree of differentiation. Archives of Surgery 1987: 122(12): pp 1470-1474. **Co-Principal Investigator**.
233. Sears HF, **Bagli DJ**, Herlyn D, DeFreitas E, Suzuki H, Steele GD, Koprowski H. Human immune response to monoclonal antibody administration is dose dependent. Archives of Surgery 1987: 122(12): pp 1384-1388. **Senior Responsible Investigator**.

Published Erratum

1. Jiang JX, Aitken KJ, Sotiropoulos C, Kirwan T, Panchal T, Zhang N, Pu S, Wodak S, Tolg C, **Bagli DJ**. Correction: Phenotypic Switching Induced by Damaged Matrix Is Associated with DNA Methyltransferase 3A (DNMT3A) Activity and Nuclear Localization in Smooth Muscle Cells (SMC). PLoS One. 2013 Jan 1;8(10).

2. NON-PEER-REVIEWED PUBLICATIONS

Journal Articles

1. Fernandez N, Lorenzo A, **Bagli D** and Zarante I. Altitude as a risk factor for the development of hypospadias. Geographical cluster distribution analysis in South America. J Pediatr Urol. 2016 Apr 22. 2016 Apr 22. pii: S1477-5131(16)30025-0. doi: 10.1016/j.jpuro.2016.03.015. **Coauthor or Collaborator**.
2. Penna FJ and **Bagli DJ**. Commentary to 'Continence and quality of life with the modified Heitz-Boyer-Hovelaque rectal bladder for children with urinary incontinence following bladder exstrophy'. J Pediatr Urol. 2016 Mar 31. 2016 Mar 31. pii: S1477-5131(16)30004-3. doi: 10.1016/j.jpuro.2016.03.007. **Coauthor or Collaborator**.
3. Koh J, Cheung JJ, Mackinnon K, Brett C, **Bagli DJ**, Kapralos B, & Dubrowski A. Web-Based Learning and Computer Supported Collaborative Learning for Psychomotor Skill Acquisition: Perspectives of Medical Undergraduate Students. Studies in Health Technology and Informatics. 184:222-4, 2013. **Coauthor or Collaborator**.
4. Cheung JJ, Koh, J, Mackinnon K, Brett C, **Bagli DJ**, Kapralos B, & Dubrowski A. The Use of Web-Based Learning for Simulation-Based Education and Training of central Venous Catheterization in Novice Learners. Studies in Health Technology and Informatics. 84:71-7, 2013. **Coauthor or Collaborator**.
5. Annette Schroeder, Tyler Kirwan, Jia-Xin Jiang, Karen Aitken, **Darius J. Bagli**. Rapamycin treatment attenuates bladder hypertrophy during long-term outlet obstruction in vivo: tissue, matrix, and mechanistic insights. Journal of Urology. **Senior Responsible Author**.
6. Alali S, Aitken KJ, Schröder A, **Bagli DJ**, Alex Vitkin I. Optical assessment of tissue anisotropy in ex vivo distended rat bladders. J Biomed Opt. 2012 Aug 1;17(8):086010.
7. **Bagli, D**. A Review of the Effect of Injected Dextranomer/Hyaluronic Acid Copolymer on Reflux Correction Following Endoscopic Injection. Advances in Urology 2. 2008 Aug;2008. In Press. **Principal Author**.

Book Chapters

1. **Bagli, D**. Notch Just a Bladder Control Problem. In: Keli Xu, Sean E. Egan, editor(s). Cancer Cell Previews. 26. Toronto (Canada): Elsevier Inc.; 2014. p. 452-454. Available from: <http://dx.doi.org/10.1016/j.ccell.2014.09.018>. In Press. **Principal Author**.
2. Rodrigo Romao, **Darius Bagli**, Armando Lorenzo. Basic Science Research Related to the Bladder. In: Edited by J Carneval, A Ernesto da Silveira, E de Miranda, M Tiburcio, editor(s). Tradado De Urologia Pediatrica. 1st Edition. (Brazil): Sparta.; 2013. p. 69-76. **Coauthor or Collaborator**.

3. **Bagli, D.** Is Bladder Dysfunction in Children Science Fiction of Science Fact: Editorial Comment. *Urology for the Pediatrician, Pediatric Clinics of North America*. August 2012, Volume 59, Number 4, page 943. **Principal Author.**

In Preparation

1. Tolg, C, Ashan, A, Yu, J, Aitken, KJ, Miller, F, **Bagli, DJ.** The Pathomechanical Microenvironment of the Urinary Bladder Directs Smooth Muscle Differentiation of Skin Derived Precursor Cells. 2010. **Senior Responsible Author.**
2. Weber, B, Braga, LHP, Pippi Salle, JL, Farhat, W, Bagli, DJ Lorenzo, AJ. Impact of Penile Degloving on Ventral Curvature Correction in Children with Proximal Hypospadias. 2010. **Co-Principal Author.**
3. Moore, K, Leslie, B, El-Hout, Y, Grober, E, Pippi Salle, JL, Farhat, W, Lorenzo, AJ. Ultrasound Estimate of Testicular Volume as an Indication for Adolescent Varicocele: Impact of Formula Choice and Measurement Error on Size Discrepancy. 2010. **Coauthor or Collaborator.**
4. Prospective Cost-analysis of Laparoscopic Vs. Open Pyeloplasty in Children: Single Center Contemporary Evaluation of Two Procedures Over a 1-year Period. 2010. **Coauthor or Collaborator.**
5. Moore, K, Leslie, B, Pippi Salle, JL, Lorenzo, AJ, Farhat, W, **Bagli, DJ.** Is It Zero? The Natural and Management History of True Multicystic Versus Very Low Functioning Dysplastic Kidneys. 2010. **Senior Responsible Author.**
6. Moore, K, Leslie, B, Lorenzo, AJ, Pippi Salle, JL, Farhat, W, **Bagli, DJ.** Is it Reasonable to Observe Patient with Persistent Vesico-ureteral Reflux after Failed First Endoscopic Injection? 2010. **Senior Responsible Author.**
7. Outcome Analysis of Tapered Ureteral Reimplantation: 14 - Year Single-Institution Experience. 2010. **Co-Principal Author.**

Books/Chapters in Books/Proceedings

1. **Bagli, DJ.** Pediatric Urology. In: *The Hospital for Sick Children Handbook of Pediatrics*, 11th Edition (Anne I. Dipchand, Jeremy Freidman et al, eds). (2010) Saunders / Elsevier Canada. **Principal Author.**
2. McLorie GA, **Bagli DJ.** Tumors of the Retroperitoneum. In: *The Kelalis-King-Belman Textbook of Clinical Pediatric Urology* (Docimo S, Canning D, Khoury AE, eds). Informa Healthcare, United Kingdom 2007: pp 1339-1361. **Co-Principal Author.**
3. Khoury, A, **Bagli DJ.** Reflux and Megaureter. In: *Campbell's Urology*, Ninth Edition (Wein A, Kavoussi L, Novick A, Partin A, Peters C, eds). Saunders, New York 2007: pp 3423-81. **Principal Author.**
4. **Bagli DJ,** Lorenzo A.: Basic Science of the Urinary Bladder. In: *Clinical Pediatric Urology*, Fifth Edition (Docimo S, Canning D, Khoury AE, eds). Kelalis & King, United Kingdom 2007: pp 713-722. **Principal Author.**
5. **D.J. Bagli:** Section Ureter: Chapter - Psoas Hitch Procedure, Chapter - Distal Tunnel Reimplantation (Glenn-Anderson). In: 2nd Edition of *Hinman's Atlas of Pediatric Urologic Surgery* (F. Hinman, L.S. Baskin, eds). W.B. Saunders, San Francisco 2007. **Senior Responsible Author.**
6. Metcalfe PD, **Bagli DJ.** Prepubertal Testicular Tumors. In: *Urologic Oncology* (Richie JP, D'Amico AV, eds). Elsevier Saunders, Philadelphia, PA 2005: pp 780-785. **Co-Principal Author.**
7. **Bagli, DJ.** Pediatric Urology. In: *The Hospital for Sick Children Handbook of Pediatrics*, 10th Edition (Anne I. Dipchand, Jeremy Freidman et al, eds). (2003) Saunders / Elsevier Canada. **Principal Author.**
8. McLorie GA, **Bagli DJ.** Tumors of the Retroperitoneum. In: *Clinical Pediatric Urology* (Lowell R. King, A. Berry Belman, Stephen A. Kramer, eds). Martin Duntz Ltd., Oxford, UK 2002: pp 1325-1348. **Principal Author.**
9. **Bagli DJ.** On the Cell & Molecular Biology of the Posterior Urethral Valve Bladder. In: *Progress in Paediatric Urology Volume 4* (Bajpai M, Gearhart JP, Hjalmas K, Mitra DK, Radhakrishnan J, Etker S, eds). Penwl Publishers PLC, New Delhi, India 2002: pp 1-10. **Principal Author.**

10. **Bagli DJ.** Tribute for Michael E. Mitchell. In: Progress In Paediatric Urology Volume 4 (Bajpai M, Gearhart JP, Hjalmas K, Mitra DK, Radhakrishnan J, Etker S, eds). Penwell Publishers PLC, New Delhi, India 2002: pp VII. **Principal Author.**
11. **Bagli DJ.** On the cell and molecular biology of the posterior urethral valve bladder. In: Progress in Pediatric Urology Volume 4 (Minu Bajpai, John P. Gearhart, Kelm Hjalmas, D.K. Mitra, Jayant Radhakrishnan, Seref Etker, eds). Penwell Publishers PLC, New Delhi 2001: pp 1-10. **Principal Author.**
12. McLorie GA, **Bagli DJ.** Adrenal tumors in children. In: Pediatric Urology (Richard Lampert, ed). W.B. Saunders Company, Philadelphia 2001: pp 908-916. **Principal Author.**
13. Savani RC, **Bagli DJ,** Harrison RE, Turley EA. The role of hyaluronan-receptor interactions in wound repair. In: Scarless Wound Healing (H. Garg, MT Longaker, eds). Marcel Dekker Inc., New York 2000: pp 115-142. **Principal Author.**
14. **Bagli, DJ.** Pediatric Urology. In: The HSC Handbook of Pediatrics (Anne I. Dipchand, ed). Mosby, St. Louis, Missouri 1997: pp 484-488. **Principal Author.**
15. **Bagli DJ,** Mitchell ME. Current applications of gastric segments in reconstructive urology. In: 1995 Atlas of the Urologic Clinics of North America (Neih P and Libertino J, ed). W.B. Saunders Company, Philadelphia 1995: pp 1-13. **Principal Author.**
16. **Bagli DJ,** Mandell J. Wilms' tumor. In: Clinical Urology (Krane R, Siroky M, Fitzpatrick J, eds). JB Lippincott, Philadelphia 1993. **Principal Author.**

3. SUBMITTED PUBLICATIONS

Journal Articles

1. Salle, JP, Braga, LP, Macedo, N, Rosito, N, **Bagli, DJ.** Non-Ablative Dismembered Clitoroplasty: a potentially reversible technique for feminizing genitoplasty. The Journal of Urology. **Co-Principal Author.**
2. Tolg, C, Sabha, N, Cortese, R, Panchal, T, Aitken, K, **Bagli, DJ.** Uropathogenic E. coli Infection Provokes Epigenetic Downregulation of CDKN2A (p16) in Uroepithelial Cells. 2009. **Senior Responsible Author.**

Books/Chapters in Books/Proceedings

1. Khoury, AE., **Bagli, DJ.** Vesicoureteral Reflux. In: Campbell's Urology, Tenth Edition (Wein, A., Kavoussi, L., Novick, A., Partin, A., Peters, C, eds). Saunders Elsevier, New York. **Principal Author.**
2. McLorie, GA., **Bagli, DJ.** Tumors of The Retroperitoneum. In: The Kelalis-King-Belman Textbook of Clinical Pediatric Urology (Docimo, S., Canning, D., Khoury, AE, eds). Informa Healthcare, United Kingdom. **Principal Author.**

E. Presentations and Special Lectures

1. INTERNATIONAL

Invited Lectures and Presentations

- 2015 Oct 14 **Invited Lecturer.** Understanding Pediatric Uropathology Through Epigenetics. European Society for Paediatric Urology. Prague, Praha, hlavní mesto, Czech Republic. Presenter(s): **Bagli, DJ.**
- 2014 Sep **Invited Faculty & Lecturer.** American Urological Association. Maryland, United States. Presenter(s):

Darius Jehan BÄGLI

Bagli, DJ. Research Conference.

- 2012 Dec 3 **Visiting Professor.** Javeriana University. Bogotá, Colombia. Presenter(s): **Bagli, DJ.**
- 2012 Oct 8 **Chair.** External Scientific Review Board, Boston Children's Hospital. Boston, Massachusetts, United States. Presenter(s): **Bagli DJ.**
- 2012 Oct 7 **Visiting Professor.** Harvard Medical School. Boston, Massachusetts, United States. Presenter(s): **Bagli DJ.**
- 2010 May 13 **Invited Speaker.** Recent Advances in Pediatric Urology. 2nd Syrian-French Congress of the Syrian Urological Association. Damascus, Syrian Arab Republic. Presenter(s): **Bagli DJ.** May 13-14, 2010.
- 2010 May 13 **Invited Speaker.** What Science can Teach us About Hypospadias. 2nd Syrian-French Congress of the Syrian Urological Association. Damascus, Syrian Arab Republic. Presenter(s): **Bagli DJ.** May 13-14, 2010.
- 2010 May **Invited Lecturer.** 1) New Developments in Pediatric Urology
2) A Scientific Approach to Hypospadias. Syrian Urological Association. Damascus, Syrian Arab Republic. Presenter(s): **Bagli, DJ.**

Presented Abstracts

- 2017 May 12 **Presenter.** Impact of additional urinary diversion versus valve ablation alone for posterior urethral valve children with stage 3 chronic kidney disease on incidence of end-stage renal disease: a 10-year Kaplan-Meier analysis". Society for Pediatric Urology's 65th Annual Meeting. Boston, Massachusetts, United States. Presenter(s): **Bagli, D.J.,** Chua, C.
- 2016 Apr 1 **Presenter.** Association of Maternal Polybrominated Diphenyl Ether (PBDE) Exposure with Cryptorchidism. Endo 2016. Boston, Massachusetts, United States. Presenter(s): **Bagli, D.J.**
- 2015 Oct 17 **Presenter.** Endoscopic botulinum toxin injection for neuropathic bladder dysfunction: Is intra-detrusor deliver truly happening? European Society of Pediatric Urology. Prague, Praha, hlavní mesto, Czech Republic. Presenter(s): Alyami F, Bowlin P, **Bagli DJ,** Koyle M, Lorenzo AJ.
- 2015 Oct 15 **Presenter.** A Retrospective Age-Matched Comparison Assessing The Value Of Transversus Abdominis Plane (Tap) Catheters In Reducing Postoperative Opioid Requirements In Children Undergoing Renal Transplantation. European Society of Pediatric Urology. Prague, Praha, hlavní mesto, Czech Republic. Presenter(s): Penna F, Butt H, Odeh R, Harvey E, Farhat W, Koyle M, **Bagli DJ,** Hayes J, Lorenzo AJ.
- 2015 Oct 14 **Presenter.** Role of EZH2 in Infection-Induced Uro-Epithelial Cell Proliferation. European Society of Pediatric Urology. Prague, Praha, hlavní mesto, Czech Republic. Presenter(s): **Bagli DJ,** Aitken A, Ting K, Samiei, A.
- 2015 Oct 14 **Presenter.** Developmental Regulators YAP/TAZ in the Bladder Response Injury. European Society of Pediatric Urology. Prague, Praha, hlavní mesto, Czech Republic. Presenter(s): Sidler M, Aitken K, Jiang J, **Bagli DJ.**
- 2015 Oct 14 **Presenter.** Inhibition of DNA-Methylation Enhances Functional Recovery After Release of Bladder Outlet Obstruction. European Society of Pediatric Urology. Prague, Praha, hlavní mesto, Czech Republic. Presenter(s): Sidler M, Aitken K, Jiang J, Samiei A, **Bagli DJ.**
- 2015 Oct 14 **Presenter.** Establishing a New Model for Evaluation of Drug Treatment in the Clinically Relevant Phase of Bladder De-Obstruction: Gene Expression and Functional Analysis. European Society of Pediatric Urology. Prague, Praha, hlavní mesto, Czech Republic. Presenter(s): **Bagli DJ,** Jiang J, Schroeder A, Sidler M, Samiei A, Kirwan T, Aitken K.
- 2015 Oct 14 **Presenter.** Role of DNA-Methylation in Partial Bladder Outlet Obstruction. European Society of Pediatric Urology. Prague, Praha, hlavní mesto, Czech Republic. Presenter(s): Sidler M, Aitken K, Jiang J, Samiei A, **Bagli DJ.**

- 2013 May 5 **Collaborator.** Differential Renal Function (DRF) Measured By Scintigraphy In Hydronephrotic Kidneys: Importance Of Conjugate Views For Accurate Evaluation. Society of Pediatric Urologists. San Diego, California, United States. Presenter(s): Elias Wehbi, Niki Kanaroglou, Ana Claudia Salle, Nabil Sami, Martin Koyle, Walid Farhat, **Darius Bagli**, Armando Lorenzo, Joao Luiz Pippi Salle.
- 2013 Apr 25 **Presenter.** Can Rapamycin Achieve Bladder Smooth Muscle Recovery After De-Obstruction? 24th Congress of the European Society of Pediatric Urologists. Genoa, Italy. Presenter(s): Schroeder A, Kirwan T, Aitken K, **Bagli D**.
- 2013 Apr 25 **Presenter.** Matrix Modulates DNA Methylation in Human Bladder Smooth Muscle Cells (BSMC). 24th Congress of the European Society of Pediatric Urologists. Genoa, Italy.
- 2013 Apr 24 **Presenter.** Differential Renal Function (DRF) Measured by Scintigraphy in Hydronephrotic Kidneys: Importance of Conjugate Views for Accurate Evaluation. European Society of Pediatric Urologists. Genova, Italy. Presenter(s): Wehbi E, Kanaroglou N, Salle AC, Sami N, Figueroa V, Lorenzo A, Farhat W, Koyle M, **Bagli D**, Pippi Salle JL.
- 2012 Oct 22 Is There a Role for Prophylactic Antibiotics After Stented Hypospadias Repair? American Academy of Pediatrics Annual Meeting. New Orleans, Louisiana, United States. Presenter(s): Kanaroglou N, Wehbi E, Alotay A, Romao R, Koyle M, Lorenzo A, **Bagli D**, Farhat W.
- 2012 Oct 21 **Presenter.** Single Centre Experience with Onabotulinumtoxin A Endoscopic Detrusor Injection for the Treatment of Neurogenic Bladder in Children: Effect of Dose Adjustment, Multiple Injections and Avoidance of Reconstructive Procedures. American Academy of Pediatrics Annual Meeting. New Orleans, Louisiana, United States. Presenter(s): Figueroa V, Romao R, Pippi Salle JL, Braga L, Koyle M, **Bagli D**, Lorenzo A.
- 2012 Oct 21 Approach to the Failed Pyeloplasty in Children: Revisiting the Unknown. American Academy of Pediatrics Annual Meeting. New Orleans, Louisiana, United States. Presenter(s): Romao R, Koyle M, Pippi Salle JL, Alotay A, Figueroa V, Lorenzo A, **Bagli D**, Farhat W.
- 2012 Oct 20 **Presenter.** Epigenetic Mechanisms Direct Estrogen-Induced Downregulation of Gene Expression and Cell Biological Processes Critical for Genital Tubercle Formation. American Academy of Pediatrics Annual Meeting. New Orleans, Louisiana, United States. Presenter(s): Aitken K, Jiang J, Bechbache M, Kirwan T, Hopyan S, **Bagli D**.
- 2012 Oct 19 **Presenter.** Single Centre Experience with Transdermal Oxybutynin Patch for Overactive Bladder in Children. American Academy of Pediatrics Annual Meeting. New Orleans, Louisiana, United States. Presenter(s): Daniels C., Varghese A., Williams K., **Bagli DJ**, Farhat W, Koyle M, Pippi Salle JL, Lorenzo A.
- 2011 May 17 Role of Laparoscopy in Urinary Diversion in Children: Description of Different Ureterostomy Techniques. American Urological Association. Washington, United States. Presenter(s): El-Hout, Y., El-Ghazaly, T., Farhat, WA. Video.
- 2011 May 16 Responsiveness of the Dysfunctional Voiding System Score in Children Undergoing Biofeedback: Analysis of Data from a Randomized Controlled Trial. American Urological Association Annual Meeting. Washington, United States. Presenter(s): Weber, B., Pippi Salle, JL., Buffett, A., Guger, S., Leslie, B., Braga, L., **Bagli, DJ.**, Farhat, WA., Lorenzo, AJ.
- 2011 May 16 The Influence of Biofeedback on Self-Esteem in Children with Dysfunctional Voiding: A Prospective Randomized Controlled Trial. American Urological Association Annual Meeting. Washington, United States. Presenter(s): Weber, B., Pippi Salle, JL., Buffett, A., Guger, S., Leslie, B., Braga, L., **Bagli, DJ.**, Farhat, WA., Lorenzo, AJ.
- 2011 May 16 Uropathogenic E. Coli Infection Provokes Epigenetic Downregulation of CDKN2A (P16INK4A) in Uroepithelial Cells. American Urological Association. Washington, District of Columbia, United States. Presenter(s): Tolg C, Akshita K, Cortese R, Aitken K, Petronis A, Balgi D.
- 2011 May 15 The dynamic bladder microenvironment governs smooth muscle differentiation of skin derived precursor

- cells: implications for tissue regeneration. American Urological Association. Washington, District of Columbia, United States. Presenter(s): Tolg C, Dworski S, Biernaskie J, Aitken K, Miller F, **Bagli D**.
- 2011 May 15 Renal Failure in Children with Posterior Urethral Valves (PUV): Did Additional Interventions Impact Progression to End Stage Renal Disease (ESRD)? American Urological Association Annual Meeting. Washington, United States. Presenter(s): Alkawai, F., El-Hout, Y., Hebert, D., Lorenzo, AJ., **Bagli, DJ.**, Pippi Salle, JL., Farhat, WA.
- 2011 May 15 An Alternative for Vantral Lengthening in Children with Severe Penile curvature that Allows Graft Coverage During Staged Hypospadias Repair. American Urological Association Annual Meeting. Washington, United States. Presenter(s): Leslie, B., Weber, B., Romao, R., Farhat, WA., **Bagli, DJ.**, Lorenzo, AJ., Pippi Salle, JL.
- 2011 May 15 Should Proximal Hypospadias with Bilaterally Descended gonads be Considered a Disorder of Sex Development (DSD)? American Urological Association Annual Meeting. Washington, United States. Presenter(s): Romao, R., **Bagli, DJ.**, Lorenzo, AJ., Farhat, WA., Leslie, B., Figueroa, V., Chitayat, D., Wherrett, D., Pippi Salle, JL.
- 2011 May 15 Incidence of Urinary Tract Abnormalities in Patients with Recurrent Urinary Tract Infections after Hypospadias Repair. American Urological Association Annual Meeting. Washington, United States. Presenter(s): Weber, B., Pippi Salle, JL., Tam, S., Al-Kawai, F., El-Hout, Y., Romao, R., **Bagli, DJ.**, Lorenzo, AJ., Farhat, WA.
- 2011 Apr 28 Impact of Biofeedback on Self-Esteem in Children with Voiding Dysfunction: A randomized controlled trial. 22nd Annual Congress of the European Society for Pediatric Urology 2011. Copenhagen, Denmark. Presenter(s): Weber, B., Pippi Salle, JL., Buffet, A., Guger, S., Leslie, B., Braga, L., **Bagli, DJ.**, Farhat, WA, Lorenzo, AJ.
- 2010 Oct 3 Comparative Histological and Functional ANALYSIS of Tubularized Incised Urethroplasty (TIP) with and without Dorsal Inlay GRAFT: AN Experimental STUDY IN Rabbits. American Academy of Pediatrics, 2010 National Conference and Exhibition. San Francisco, California, United States. Presenter(s): Leslie B, Jesus L, Moore K, El-Hout Y, Farhat WA, Lorenzo AJ, **Bagli DJ** and Pippi-Salle JL. Poster.
- 2010 Oct 3 What Are the Predictive Factors for the Need of Reintervention After Endoscopic Puncture of Duplex Systems Pediatric Ureterocele? A Time to Event Analysis. American Academy of Pediatrics, 2010 National Conference and Exhibition. San Francisco, California, United States. Presenter(s): Jesus LE, Lorenzo AJ, Amarante A, Dini R, Farhat WA, **Bagli DJ**, Pippi Salle JL. Poster.
- 2010 Oct 2 Analysis of Decisional Conflict Among Parents That Consent for Their Son's Hypospadias Repair: Single Institution Prospective Cohort Study of 100 Couples. American Academy of Pediatrics, 2010 National Conference and Exhibition. San Francisco, California, United States. Presenter(s): Lorenzo AJ, Zlateska B, Braga LH, Leslie B, Farhat WA, **Bagli DJ**, Pippi Salle JL. Poster.
- 2010 Oct 2 Physiologic Changes in Transperitoneal Versus Retroperitoneal Laparoscopy in Children: a Prospective Analysis. American Academy of Pediatrics, 2010 National Conference and Exhibition. San Francisco, California, United States. Presenter(s): El-Hout Y, Lorenzo AJ, Karsli G, Langer J, **Bagli DJ**, Pippi Salle JL, Farhat WA. Poster.
- 2010 Oct 2 Incidence and Outcomes of Neoplasia Induced Hydronephrosis in the Pediatric Population. American Academy of Pediatrics, 2010 National Conference and Exhibition. San Francisco, California, United States. Presenter(s): Alexander A, Weber B, Keays M, El-Ghazaly T, Pippi Salle JL, **Bagli DJ**, Lorenzo AJ, Kozakowski K, Irwin M, Farhat WA. Poster.
- 2010 Oct 2 The Fate of Vesicoureteral Reflux Following Endoscopic Puncture or Upper Pole Nephrectomy in Pediatric Duplex Systems Ureterocele. American Academy of Pediatrics, 2010 National Conference and Exhibition. San Francisco, California, United States. Presenter(s): Jesus LE, Farhat WA, Amarante A, Dini R, Leslie B, **Bagli DJ**, Lorenzo AJ, Pippi Salle JL. Poster.
- 2010 May 31 Percutaneous Transluminal Angioplasty for Renovascular Hypertension in Children. American Urological Association. San Francisco, California, United States. Presenter(s): Alexander, A., Kozakowski, K.,

Darius Jehan BÄGLI

Lorenzo, AJ., Farhat, WA., **Bagli, DJ.**, Pippi Salle, JL., Richmond, L., Connolly, B. Podium.

- 2010 May 31 Surgeon's Attitude Toward Potential Prospective Randomized Trials (PRCT) of Open vs. Laparoscopic Surgery: Results of a Survey of Pediatric Urologists. American Urological Association. San Francisco, California, United States. Presenter(s): Kozakowski, K., Alexander, A., Lorenzo, AJ., Pippi Salle, JL., **Bagli, DJ.** Annual Meeting, Podium.
- 2010 May 29 Glans Amputation During Circumcision in the Newborn: Possible Mechanism of Injury and Prevention. 1st World Congress of Pediatric Urology. San Francisco, California, United States. Presenter(s): Pippi Salle, JL., De Jesus, L., Dini R., Lorenzo AJ., **Bagli DJ.**, Reda E., Farhat WA. Poster.
- 2010 May 28 Are Routine Urodynamic Studies (UDS) Necessary in Follow-Up Evaluation of Spina Bifida Patients with Neurogenic Bladder? 1st Congress of Pediatric Urology. San Francisco, California, United States. Presenter(s): El Hout Y., Leslie B., Weber B., Kozakowski K., Lorenzo AJ., **Bagli DJ.**, Pippi Salle JL., Farhat WA. Moderated Poster.
- 2010 May 28 Is it Zero? The Natural and Management History of Non-Functioning Versus Very Low Functioning Kidneys. 1st World Congress of Pediatric Urology. San Francisco, California, United States. Presenter(s): Moore K., Leslie B., Mahdi M., Lorenzo AJ., Pippi Salle JL., Farhat WA., **Bagli DJ.** Moderated Poster.
- 2010 May 28 Is there Inherent Variability in the Ultrasound Measurement of Testicular Volume in Childhood? 1st World Congress of Pediatric Urology. San Francisco, California, United States. Presenter(s): Alexander A., Kozakowski K., Farhat WA., **Bagli DJ.**, Pippi Salle JL., Lorenzo AJ. Poster.
- 2010 May 28 Long-Term Follow-Up and Outcome of Mitrofanoff Procedure. 1st World Congress of Pediatric Urology. San Francisco, California, United States. Presenter(s): Leslie, B., Moore, K., Balgi, DJ., Farhat, WA., Lorenzo, AJ., Pippi Salle, JL. Moderated Poster.
- 2010 May 28 Long-Term Follow-Up and Outcome of Mitrofanoff Procedure. 1st World Congress of Pediatric Urology. San Francisco, California, United States. Presenter(s): Leslie, B., Moore, K., Balgi, DJ., Farhat, WA., Lorenzo, AJ., Pippi Salle, JL.
- 2010 May 27 Glans Amputation During Circumcision in the Newborn: Possible Mechanism of Injury and Prevention. 1st World Congress of Pediatric Urology. San Francisco, California, United States. Presenter(s): Pippi Salle, JL., De Jesus, L., Dini, R., Lorenzo, AJ., **Bagli, DJ.**, Reda, E., Farhat, WA. Poster.

Moderated Poster Session

- 2013 May 5 **Presenter.** Does Routine Renal Ultrasound Change Management in the Followup of Patients with Vesicoureteral Reflux? American Urological Association Annual Meeting. San Diego, California, United States. Presenter(s): Rudzinski J, Weber B, Lorenzo A, **Bagli D**, Farhat W, Harvey E, Pippi Salle JL.

Podium Presentation

- 2013 Feb 23 **Presenter.** The Use of Web-Based Learning for Simulation-Based Education and Training of Central Venous Catheterization in Novice Learners. Medicine Meets Virtual Reality 20. San Diego, California, United States. Presenter(s): Cheung JJ, Koh J, Mackinnon K, Brett C, **Bägli DJ**, Kapralos B, & Dubrowski A. (Trainee Presentation).
- 2013 Feb 21 The Use of Web-Based Learning for Simulation-Based Education and Training of Central Venous Catheterization in Novice Learners. Medicine Meets Virtual Reality. San Diego, California, United States. Presenter(s): Cheung JJ, Koh J, Mackinnon K, Brett C, **Bägli DJ**, Kapralos B, & Dubrowski A.

Poster Presentation

- 2013 Feb 22 Web-Based Learning and Computer Supported Collaborative Learning for Psychomotor Skill Acquisition: Perspectives of Medical Undergraduate Students. Medicine Meets Virtual Reality. San Diego, California, United States. Presenter(s): Cheung JJ, Koh J, Mackinnon K, Brett C, **Bägli DJ**, Kapralos B, & Dubrowski

A.

- 2013 Jan 26 The Use of Web-based Observational Practice and Educational Networking Improves Simulation-Based Education and Training of Central Venous Catheterization: A Pilot Study. International Meeting for Simulation in Healthcare. Orlando, Florida, United States. Presenter(s): Cheung JJ, Koh J, Mackinnon K, Brett C, **Bägli DJ**, Kapralos B, & Dubrowski A.

2. NATIONAL

Invited Lectures and Presentations

- 2010 Aug 13 **Lecturer.** Mechanotransduction in Bladder Fibroproliferative Disease. Canadian Society for Life Science Research. Montreal, Quebec, Canada. Presenter(s): **Bagli, DJ**.

Presented Abstracts

- 2017 Jun 26 Faith of the failed deflux injection: Lessons Learned. 2017 Canadian Urological Association Annual Meeting, Toronto, Ontario, Canada, Presenter(s): Ming J, Chua M, Moore K, Lorenzo AJ, Farhat W, **Bagli DJ**. Moderated Poster
- 2017 Jun 26 Tertiary centre variability among pediatric surgeons and pediatric urologists in the management of cryptorchidism in the era of guidelines. 2017 Canadian Urological Association Annual Meeting, Toronto, Ontario, Canada. Presenter(s): Koyle M, Kim J, **Bagli DJ**, Farhat W, Lorenzo AJ. Moderated Poster
- 2011 Jun 21 Dysfunctional Voiding Symptom Score Performance in Pediatric Patients with Dysfunctional Voiding Enrolled in Randomized Trial Investigating Biofeedback. Canadian Urological Association Annual Meeting. Montreal, Quebec, Canada. Presenter(s): Weber, B., Pippi Salle, JL., Buffett, A., Guger, S., Leslie, B., Braga, L., **Bagli, DJ.**, Farhat, WA., Lorenzo, AJ. Moderated Poster.
- 2011 Jun 21 Preputial Grafts Use during Staged Hypospadias Repair in Children with Proximal Hypospadias and Severe Ventral Curvature. Canadian Urological Association Annual Meeting. Montreal, Quebec, Canada. Presenter(s): Weber, B., Leslie, B., **Bagli, DJ.**, Lorenzo, AJ., Farhat, WA., Pippi Salle, JL. Moderated Poster.
- 2011 Jun 21 Urinary tract Findings in Children with Recurrent Urinary tract Infections and History of Hypospadias Surgery. Canadian Urological Association Annual Meeting. Montreal, Quebec, Canada. Presenter(s): Tam, S., Weber, B., Pippi Salle, JL., Al-Kawai, F., Romao, R., **Bagli, DJ.**, Lorenzo, AJ., Farhat, WA. Moderated Poster.
- 2011 Jun 20 Initial Experience with Laparoscopic Nephrectomy for Pediatric Uro-Oncology Cases. Canadian Urological Association Annual Meeting. Montreal, Quebec, Canada. Presenter(s): Rodrigo, R., Weber, B., Figueiroa, V., Farhat, W., **Bagli, DJ.**, Grant, R., Pippi Salle, JL., Lorenzo, AJ. Podium.
- 2011 Jun 20 Patterns of Presentation, Diagnosis and Gender Assignment in a Canadian Multidisciplinary Clinic of Disorders of Sex Development (DSD). Canadian Urological Association Annual Meeting. Montreal, Quebec, Canada. Presenter(s): Rodrigo, R., **Bagli, DJ.**, Lorenzo, AJ., Farhat, WA., Chitayat, D., Wherrett, D., Allen, L., Zucker, K., Neilson, B., Pippi Salle, JL. Podium.
- 2011 Jun 20 Outcome of a Prospective Randomized Trial Investigating Effect of Biofeedback on Self Esteem in Pediatric Patients with Dysfunctional Voiding. Canadian Urological Association Annual Meeting. Montreal, Quebec, Canada. Presenter(s): Weber, B., Pippi Salle, JL., Buffett, A., Guger, S., Bruno, L., Braga, L., **Bagli, DJ.**, Farhat, WA., Lorenzo, AJ. Podium.
- 2011 Jun 20 Initial Experience with Laparoscopic Nephrectomy for Pediatric Uro-Oncology Cases. Canadian Urological Association Annual Meeting. Montreal, Quebec, Canada. Presenter(s): Rodrigo, R., Weber, B., Figueiroa, V., Farhat, W., **Bagli, DJ.**, Grant, R., Pippi Salle, JL., Lorenzo, AJ. Podium.

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- 2011 Jun 20 Patterns of Presentation, Diagnosis and Gender Assignment in a Canadian Multidisciplinary Clinic of Disorders of Sex Development (DSD). Canadian Urological Association Annual Meeting. Montreal, Quebec, Canada. Presenter(s): Rodrigo, R., **Bagli, DJ.**, Lorenzo, AJ., Farhat, WA., Chitayat, D., Wherrett, D., Allen, L., Zucker, K., Neilson, B., Pippi Salle, JL. Podium.
- 2011 Jun 20 Patterns of Presentation, Diagnosis and Gender Assignment in a Canadian Multidisciplinary Clinic of Disorders of Sex Development (DSD). Canadian Urological Association Annual Meeting. Montreal, Quebec, Canada. Presenter(s): Rodrigo, R., **Bagli, DJ.**, Lorenzo, AJ., Farhat, WA., Chitayat, D., Wherrett, D., Allen, L., Zucker, K., Neilson, B., Pippi Salle, JL. Podium.
- 2010 Jun 29 Incidence of Enlarging Macroplastique Bolus Calcification Detected During Long Term Follow-Up after Injection for Vesicoureteral Reflux. Canadian Urological Association Annual Meeting. Charlottetown, Prince Edward Island, Canada. Presenter(s): Khoury, AE., Leslie, B., **Bagli, DJ.**, Papanikolaou, F., Pippi-Salle, JL., Farhat, WA., Lorenzo, AJ. Moderated Poster.
- 2010 Jun 29 Outcome of Two Stage Buccal Mucosa Graft for Salvage Urethroplasty in Children. Canadian Urological Association Annual Meeting. Charlottetown, Prince Edward Island, Canada. Presenter(s): Leslie, B., Figueroa V., El-Hout, Y., **Bagli, DJ.**, Lorenzo, AJ., Farhat, WA., Pippi-Salle, JL. Moderated Poster.
- 2010 Jun 29 Is it Zero? The Natural and Management History of Non-Functioning vs. Very- Low-Functioning Kidneys. Canadian Urological Association Annual Meeting. Charlottetown, Prince Edward Island, Canada. Presenter(s): Leslie, B., Lorenzo, AJ., Pippi-Salle, JL., Farhat, WA., **Bagli, DJ.** Moderated Poster.
- 2010 Jun 28 Long-Term Outcome of Continent Catheterizable Channels. Canadian Urological Association Annual Meeting. Charlottetown, Prince Edward Island, Canada. Presenter(s): Weber, B., Leslie, B., Moore, K., Farhat, W., Lorenzo, A., **Bagli, D.**, ElHout, Y., Pippi-Salle, J. Podium.
- 2010 Jun 28 Are Routine Urodynamic Studies (UDS) Necessary in Follow-up Evaluation of Sina Bifida Patients with Neurogenic Bladder? Canadian Urological Association Annual Meeting. Charlottetown, Prince Edward Island, Canada. Presenter(s): El-Hout, Y., Leslie, B., Weber, B., Leslie, A., **Bagli, DJ.**, Pippi Salle, JL., Farhat, WA. Podium.
- 2010 Jun 28 Are Routine Urodynamic Studies (UDS) Necessary in Follow-up Evaluation of Sina Bifida Patients with Neurogenic Bladder? Canadian Urological Association Annual Meeting. Charlottetown, Prince Edward Island, Canada. Presenter(s): El-Hout, Y., Leslie, B., Weber, B., Leslie, A., **Bagli, DJ.**, Pippi Salle, JL., Farhat, WA. Podium.
- 2010 Jun 28 Uropathogenic E. Coli Infection Provokes Epigenetic Downregulation of CDKN2A in Urothelial Cells. Canadian Urological Association Annual Meeting. Charlottetown, Prince Edward Island, Canada. Presenter(s): Weber, B., Tolg, C., Sabha, N., Cortese, R., Panchal, T., aitken, K., **Bagli, DJ.** Moderated Poster.
- 2010 Jun 27 Beta-Catenin Target Genes are Upregulated During Partial Bladder Outlet Obstruction and Inhibited by Rapamycin. Canadian Urological Association Annual Meeting. Charlottetown, Prince Edward Island, Canada. Presenter(s): Weber B, Leslie B, Aitken K, Moore K, Panchal T, Elkeline M, Sabha N, Hassouna M, Tolg C, **Bagli D.** Poster.
- 2010 Jun 27 Urologists' Position Toward Potential Prospective Randomized Trials (PRCT) of Open vs. Laparoscopic Surgery: Results of a Survey of Pediatric Urologists. Canadian Urological Association Annual Meeting. Charlottetown, Prince Edward Island, Canada. Presenter(s): Kozakowski, K., Weber, B., Alexander, A., Lorenzo, AJ., Farhat, WA., Pippi Salle, JL., **Bagli, DJ.** Poster.

3. LOCAL

Invited Lectures and Presentations

- 2020 Sept **Moderator.** Urology Academic Series. Division of Urology Academic Series: Posterior Urethral Valves. Toronto, Ontario, Canada. Presenter(s): Drs. Joana Dos Santos, Michael Chua and

- 2012 Oct The use of Web-based observational practice and educational networking improves simulation-based education and training of central venous catheterization: A pilot study. The Richard K. Reznick Wilson Centre Research Day. Toronto, Ontario, Canada. Presenter(s): Cheung JJH, Koh J, Mackinnon K, Brett C, **Bägli D**, Kapralos B, Dubrowski A.
- 2012 Oct Training of central venous catheterization in novice learners. The Richard K. Reznick Wilson Centre Research Day. Toronto, Ontario, Canada. Presenter(s): Cheung JJH, Koh J, Mackinnon K, Brett C, **Bägli D**, Kapralos B, Dubrowski A.
- 2012 Oct **Distinguished Speaker.** The use of Web-based observational practice and educational networking improves simulation-based education and training of central venous catheterization: A pilot study. The Richard K. Reznick Wilson Centre Research Day. Toronto, Ontario, Canada. Presenter(s): Cheung JJH, Koh J, Mackinnon K, Brett C, **Bägli D**, Kapralos B, Dubrowski A.
- 2012 Oct **Presenter.** Training of central venous catheterization in novice learners. The Richard K. Reznick Wilson Centre Research Day. Toronto, Ontario, Canada. Presenter(s): Cheung JJH, Koh J, Mackinnon K, Brett C, **Bägli D**, Kapralos B, Dubrowski A.
- 2010 Apr 14 Practical Approach to the Child with Dysfunctional Elimination. Annual Pediatric Update 2010. Toronto, Ontario, Canada. Presenter(s): **Bagli DJ.**, Margolis I. April 12-17th, 2010. (Continuing Education).

Presented Abstracts

- 2014 Sep 11 **Presenter.** Preparation through observational practice and collaborative learning improves efficiency of simulation-based mastery learning. Royal College of Physicians and Surgeons of Canada. Toronto, Ontario, Canada. Presenter(s): **Bagli D**, Cheung, Jeffrey J.H. Simulation Summit 2014.
- 2011 Apr 7 Outcome of Prospective Randomized Trial Investigating Effect of Biofeedback on Self Esteem in Pediatric Patients with Dysfunctional Voiding. Annual Charles J. Robson Research Day. Toronto, Ontario, Canada. Presenter(s): Bryce Weber, Joao Luiz Pippi Salle, Angela Buffett, Sharon Guger, Bruno Leslie, Luis Braga, **Darius Bagli**, Walid Farhat, Armando Lorenzo.
- 2011 Apr 7 Development of macroplastique Bolus Calcification detected during long term follow-up after injection for vesico-ureteral reflux. Annual Charles J. Robson Research Day. Toronto, Ontario, Canada. Presenter(s): Justin K. Lee, Bryce Weber, Frank Papanikolao, Joao L. Pippi Salle, **Darius J. Bägli**, Bruno Leslie, Antoine E. Khoury and Armando J. Lorenzo.
- 2011 Apr 7 Initial experience with laparoscopic nephrectomy for pediatric uro-oncology cases. Annual Charles J. Robson Research Day. Toronto, Ontario, Canada. Presenter(s): Rodrigo Romao, Bryce Weber, Victor Figueroa, Walid Farhat, **Darius Bagli**, Ronald Grant, Joao Pippi Salle, Armando Lorenzo.
- 2011 Apr 7 Hydronephrosis in children with abdominal and pelvic neoplasia: Outcome and survival analysis in a single center pediatric oncology series. Annual Charles J Robson Research Day. Toronto, Ontario, Canada. Presenter(s): Melise Keays, Bryce Weber, Angus Alexander, Armando Lorenzo, Tarek El-Ghazaly, **Darius J. Bägli**, Joao L. Pippi Salle, Meredith Irwin, Walid Farhat.
- 2011 Apr 7 Urinary tract findings in children with recurrent urinary tract infections following hypospadias repair. Annual Charles J. Robson Research Day. Toronto, Ontario, Canada. Presenter(s): Stephanie Tam, Bryce Weber, Joao Luiz Pippi Salle, Fouad Al-Kawai, Yaser El-Hout, Rodrigo Romao, **D. Bagli**, Armando Lorenzo, Walid Farhat.
- 2011 Apr 7 Damaged extracellular matrix alters localization of DNA methyltransferase activity in bladder smooth muscle cells. Annual Charles J Robson Research Day. Toronto, Ontario, Canada. Presenter(s): Karen Aitken, Jiabin Jiang, Tyler Kirwan¹, Trupti Panchal, Conny Tolg, **Darius Bagli**.

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- 2011 Apr 7 **Supervisor.** Damaged extracellular matrix alters localization of DNA methyltransferase activity in bladder smooth muscle cells. Annual Charles J. Robson Research Day. Toronto, Ontario, Canada. Presenter(s): Aiken K, Jiang J, Kirwan T, Panchal T, Tolg C and **Bagli D.**
- 2010 Mar 25 Establishing Biological Rationale for Preoperative Androgens in Hypospadias Surgery: Initial Human Tissue Studies in Vitro. Annual Charles J. Robson Research Day. Toronto, Ontario, Canada. Presenter(s): Ahmed H., Aitken K., Soliman A., Marchenko A., Lorenzo AJ., Farhat WA., Pippi Salle JL., **Bagli DJ.**
- 2010 Mar 25 Outcome analysis of retroperitoneal laparoscopic nephrectomy in children. Annual Charles J. Robson Research Day. Toronto, Ontario, Canada. Presenter(s): Golda N., Leslie B., Figueriroa V., Moore K., **Bagli DJ.**, Pippi Salle JL., Lorenzo AJ., Farhat WA.
- 2010 Mar 25 The efficacy of renal angioplasty in the treatment of pediatric hypertension. Annual Charles J. Robson Research Day. Toronto, Ontario, Canada. Presenter(s): Alexander A., Pippi Salle JL., **Bagli DJ.**, Farhat WA., Lorenzo AJ., Geary D., Richmond L., Connolly B.
- 2010 Mar 25 Staged Buccal Mucosa Graft for Salvage Urethroplasty in Children: Lessons learned. Annual Charles J. Robson Research Day. Toronto, Ontario, Canada. Presenter(s): Weber B, Leslie B., Farhat WA., **Bagli DJ.**, Lorenzo AJ, Pippi Salle JL.
- 2010 Mar 25 Surgeons' Attitudes Toward Potential Prospective Trials (PRCT) of Open vs. Laparoscopic Surgery: Results of a Survey of Pediatric Urologists. Annual Charles J. Robson Research Day. Toronto, Ontario, Canada. Presenter(s): Kozakowski K., Alexander A., Lorenzo AJ., Pippi Salle JL., **Bagli DJ.**

Podium Presentation

- 2012 Oct 12 The Use of Web-based Observational Practice and Educational Networking Improves Simulation-Based Education and Training of Central Venous Catheterization: A Pilot Study. The Wilson Centre – Richard Reznik Research Day. Toronto, Ontario, Canada. Presenter(s): Cheung JJ, Koh J, Mackinnon K, Brett C, **Bägli DJ**, Kapralos B, & Dubrowski A.

Poster Presentation

- 2012 Nov 5 **Presenter.** Decisions, decisions, decisions: Informed consent, conflict and regret with reconstructive genital surgery in children. Hospital for Sick Children Bioethics week. Toronto, Ontario, Canada. Presenter(s): Armando J. Lorenzo, Luis H. P. Braga, Darius J. Bragli and Joao L. Pippi Salle.
- 2012 Oct 12 The Use of Web-Based Learning for Simulation-Based Education and Training of Central Venous Catheterization in Novice Learners. Wilson Centre – Richard Reznik Research Day. Toronto, Ontario, Canada. Presenter(s): Cheung JJ, Koh J, Mackinnon K, Brett C, **Bägli DJ**, Kapralos B, & Dubrowski A.

4. OTHER

Invited Lectures and Presentations

- 2016 Jan 22 **Lecturer.** Disorders of Sexual Development - Embryology Intersex. Toronto, Ontario, Canada. Urology School - Residents Teaching. (Continuing Education).
- 2009 Nov 17 Cultural and Religious Issues Impacting Sex Assignment and Reassignment Patients with Ambiguous Genitalia. (Responsible for Major Design of Course). (Continuing Education).
- 2009 Nov 12 Panel Discussion Involving Interprofessional DSD Teams. International Society on Hypospadias and Intersex Disorders (ISHID). (Responsible for Major Design of Course) Nov 12, 2009 - Nov 13, 2009. (Continuing Education).
- 2009 Jul 14 **Invited Speaker.** NIDDK Research Workshop Advisory, Planning for Urology Research 2.0. National

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- Institutes of Health. Washington, District of Columbia. Jul 14, 2009 - Jul 15, 2009.
- 2009 Apr 2 **Invited Speaker.** Disorders of Sexual Differentiation Research & Quality Improvement Symposium. University of Michigan. Ann Arbor, Michigan. Apr 2, 2009 - Apr 3, 2009.
- 2009 **Scientific Organizer.** III Rd International Society on Hypospadias and Intersex Disorders (ISHID). (Responsible for Major Design of Course). (Continuing Education).
- 2008 Oct 15 **Visiting Professor.** Participated in Interactive Live Hypospadias Surgery. Hospital das Clinicas, Federal University of Minas Gerais. Minas Gerais, Brazil. Oct 15, 2008 - Oct 20, 2008.
- 2008 Oct 15 **Visiting Professor.** Participated in Pediatric Urology Symposium as a Lecturer on "Bedside to Research in Hypospadias". Faculty of Medicine, Federal University of Minas Gerais. Minas Gerais, Brazil. Oct 15, 2008 - Oct 20, 2008.
- 2007 Oct 26 **Moderator.** Panel - Preventing Urinary Infection in Children: It's 11 PM, Do you Know What Your Antibiotics Are Doing? American Academy of Pediatrics, Section on Urology. San Francisco, California. Oct 26, 2007 - Oct 29, 2007.
- 2007 Sep 7 **Invited Lecturer.** North Eastern Section of The American Urological Association. Rochester, New York. Invited as the 2007 Slotkin Lecturer for the North Eastern Section of Urology.
- 2006 Nov 2 **Invited Keynote Speaker.** Contemporary Management of Voiding Dysfunction in Children: Science & The Patients. Pan-Arab Continence Society Annual Meeting. Manama, Bahrain. Nov 2, 2006 - Nov 4, 2006.
- 2005 Nov 2 Pediatric Debate- Is Deflux the Appropriate Treatment for Reflux? Northeastern & New England Sections of the American Urological Association. Bermuda. Nov 2, 2005 - Nov 6, 2005.
- 2004 Oct 29 Primary Reflux-Is there Still a Role for Conservative Management in the Era of Bulking Agents? (Responsible for Major Design of Course) Oct 29, 2004 - Oct 30, 2004. (Continuing Education).
- 2003 Mar 7 Mechanical and Matrix Signaling Induction in Bladder Smooth Muscle. International Bladder Research Symposium NIDDK (NIH) and National Bladder Foundation (US). Washington, District of Columbia. Mar 7, 2003 - Mar 9, 2003.
- 2002 Nov 1 Interactive case presentation: Hydronephrosis. University of Toronto Urology Update. (Responsible for Major Design of Course) Nov 1, 2002 - Nov 2, 2002. (Continuing Education).
- 2001 Mar Extracellular matrix responses and the role of stretch in bladder function. International Bladder Symposium. Washington, District of Columbia.
- 2001 Jan 24 Pediatric Urology. LMCC Lecture series (UofT). Responsible for Major Design of Course). (Continuing Education).
- 2000 Jan Dysfunctional Voiding. Icelandic Medical Association Annual Meeting. Reykjavik, Iceland.
- 2000 Jan Vesicoureteral Reflux. Icelandic Medical Association Annual Meeting. Reykjavik, Iceland.
- 1999 Nov 7 Rapid stretch-regulation of bladder extracellular matrix (ECM) both in vivo and ex vivo. International Bladder Symposium. Washington, District of Columbia.
- 1999 Sep Implications of molecular biology for pediatric urology. American Academy of Pediatrics. Washington, District of Columbia.
- 1998 Nov Interactive session on case management in Pediatric Urology. Urology Update. (Responsible for Major Design of Course). (Continuing Education).
- 1998 Aug 14 Recent advances in current therapy for the urological care in spina bifida patients. The Spina Bifida & Hydrocephalus Association of Ontario. Toronto, Ontario.

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- 1997 Nov A practical approach to hematuria. Urology Update. (Responsible for Major Design of Course). (Continuing Education).
- 1996 Nov When it reigns...it pours: Current views on dysfunctional voiding. (Responsible for Major Design of Course). (Continuing Education).
- 1995 Oct The molecular biology of bladder storage for the clinician. Urology Update. (Responsible for Major Design of Course). (Continuing Education).

Presented Abstracts

- 2011 May 15 Damaged matrix increases nuclear DNA methyltransferase expression in bladder smooth muscle cells. American Urological Association. Washington, District of Columbia, United States. Presenter(s): Jiang J, Aitken K, Kirwan T, Tolg C, **Bagli D**.
- 2009 Oct 17 Can We Preserve the Adrenal Gland at the Time of Radical Nephrectomy in Children with Wilms Tumor? American Academy of Pediatrics(Section on Urology Annual Meeting). Washington, District of Columbia. Leslie, B., Bolduc, S., Pippi Salle, JL., Farhat, WA., **Bagli, DJ.**, Lorenzo, DJ.
- 2009 Oct 17 Outcome Analysis of Retroperitoneal Laparoscopy Nephrectomy in Children. American Academy of Pediatrics (Section on Urology Annual Meeting). Washington, District of Columbia. Leslie, B, Moore, K., Figueroa, VH., **Bagli, DJ.**, Pippi Salle, JL, Lorenzo , AJ., Farhat, WA.
- 2009 Oct 17 Rapamycin Inhibits Proliferative Signals From Three Coordinate Stimuli. American Academy of Pediatrics(Section on Urology Annual Meeting). Washington, District of Columbia. Aitken, KJ., Tolg, C., Panchal, T., Yu, J., Leslie, B., **Bagli, DJ**.
- 2009 Oct 17 Staged Buccal Mucosa Graft for Salvage Urethroplasty in Children: Lessons Learned. American Academy of Pediatrics(Section on Urology Annual Meeting). Washington, District of Columbia. Leslie, B., Figueroa, VH., Moore, K., Farhat, WA., **Bagli, DJ.**, Lorenzo, AJ., Pippi Salle, JL.
- 2009 Oct 16 Outcome Analysis of Retroperitoneal Laparoscopy Nephrectomy in Children. American Academy of Pediatrics (Section on Urology Annual Meeting). Washington, District of Columbia. Leslie, B, Moore, K., Figueroa, VH., **Bagli, DJ.**, Pippi Salle, JL, Lorenzo , AJ., Farhat, WA.
- 2009 Jun 30 Impact of Penile Degloving on Ventral Curvature Correction in Children with Proximal Hypospadias. Canadian Urological Association. Toronto, Ontario. Weber, B., Braga, LH., Pippi Salle, JL., Farhat, W., **Bagli, DJ.**, Lorenzo, AJ.
- 2009 Jun 30 Is it Reasonable to Observe Patient with Persistent Vesico-ureteral Reflux after Failed First Endoscopic Injection? Canadian Urological Association. Toronto, Ontario. Moore, K., Leslie, B., Lorenzo, AJ., Pippi Salle, JL., Farhat, W., **Bagli, DJ**.
- 2009 Jun 30 Outcome Analysis of Tapered Ureteral Reimplantation: 14-Year Single-Institution Experience. Canadian Urological Association. Toronto, Ontario. Leslie, B., Moore, K., Farhat, W., **Bagli, DJ.**, Lorenzo, A., Pippi-Salle, JL.
- 2009 Jun 30 Prospective Cost- Analysis of Laparoscopic vs. Open Pyeloplasty in Children: Single Center Contemporary Evaluation of Two Procedures Over a 1-year Period. Canadian Urological Association. Toronto, Ontario. Moore, K., Farhat, W., Leslie, B., El-Hout, Y., **Bagli, DJ.**, Pippi Salle, JL., Lorenzo, AJ.
- 2009 Jun 30 Ultrasound Estimate of Testicular Volume as an Indication for Adolescent Varicocelectomy : Impact of Formula Choice and Measurement Error on Size Discrepancy. Canadian Urological Association. Toronto, Ontario. Moore, K., Leslie, B., El-Hout, Y., Grober, E., Pippi Salle, JL., **Bagli, DJ.**, Farhat, W., Lorenzo, A.
- 2009 May Differentiation of Skin Derived Stem Cells Into Bladder Smooth Muscle Cells. European Society for Paediatric Urology. Amsterdam, Netherlands. Tolg, C, Biernaskie, J., Chi, L., Aitkent, K., Ahsan, A., Panchal, T., Rosenblum, N., Miller, F., **Bagli, DJ**. Awarded 1st Prize.
- 2009 May Increased DNMT1 Expression and Activity in Uroepithelial Cells Following Uropathogenic E.Coli Infection.

- European Society for Paediatric Urology. Amsterdam, Netherlands. Sabha, N., Aitkent, K., Tog, C., Panchal, T., **Bagli, DJ.**
- 2009 May Physiologic Stimulation of Bladder Smooth Muscle Cell Growth is Mediated by Mammalian Target of Rapamycin (mTOR). European Society for Paediatric Urology. Amsterdam, Netherlands. Aitken, K.J., Tolg, C., Panchal, T., Yu, J., Sabha, N., Leslie, B., **Bagli, DJ.**
- 2008 Oct 12 Do Patients With Classic Bladder Exstrophy Have Fecal Incontinence? American Academy of Pediatrics. Boston, Massachusetts. EL-Hout, Y., Pippi Salle, J.L., Al-Saad, T., **Bagli, DJ.**, Lorenzo, A.J., Neilson, B., Farhat, W.A. Podium Presentation.
- 2008 Oct 12 Risk Factors for Fistula Formation (FF) after Tip Repair: Single Center Multivariable Analysis of 601 Distal Hypospadias. American Academy of Pediatrics. Boston, Massachusetts. Braga, LHP., Lorenzo, A.J., **Bagli, DJ.**, Suoub, M., Salle, G., Mahdi, M., Farhat, W.A., Khoury, A.E., Pippi Salle, J.L. Podium Presentation.
- 2008 Oct 12 Does Bilateral Ureteral Reimplantation at the Time of Primary Bladder Exstrophy Closure (CPRE-BUR) Protect The Upper Tracts? American Academy of Pediatrics. Boston, Massachusetts. Braga, LHP., Lorenzo, A.J., **Bagli, DJ.**, Khoury, A.E., Pippi Salle, J.L. Podium Presentation.
- 2008 Apr 3 Risk Factors for Fistula After Tubularized Incised Plate (TIP) Urethroplasty: Single Centre Multivariable Analysis of 601 Hypospadias Patients. University of Toronto - Annual Robson Research Day. Toronto, Ontario. Braga, LHP., Lorenzo, A.J., **Bagli, DJ.**, Suoub, M., Pippi Salle, J.L., Mahdi, M., El-Hout, Y., Farhat, W.A., Khoury, A.E.
- 2008 Apr 3 A Mathematical Model to Predict Penile Shortening after Dorsal Plication in Hypospadias Repair. University of Toronto - Annual Robson Research Day. Toronto, Ontario. El-Hout, Y., Pippi Salle, J.L., Al-Saad, Thamer., Neilson, B., Farhat, W.A.
- 2008 Apr 3 Impact of Penile Degloving On Ventral Curvature Correction in Children with Proximal Hypospadias. University of Toronto - Annual Robson Research Day. Toronto, Ontario. Weber, B.A., Pippi Salle, J.L., Braga, LHP., **Bagli, DJ.**, Khoury, A.E., Lorenzo, A.J.
- 2007 Oct Comparative Analysis of Open Versus Laparoscopic Staged Fowler Stephens Orchidopexy (FSO): Impact of Long Loop Vas and Wide Patent Processus Vaginalis. American Academy of Pediatrics, Section on Urology. San Francisco, California. Dave, S., Braga, L.H., Manaboriboon, N., Lorenzo, A.J., Farhat, W.A., **Bagli, DJ.**, Khoury, A.E., Pippi Salle.
- 2007 Oct Comparative Analysis of Ventral Penile Lengthening vs. Dorsal Plication for Severe Ventral Curvature: Single Center Experience with 100 Cases. American Academy of Pediatrics, Section on Urology. San Francisco, California. Braga, L.H., **Bagli, DJ.**, Pippi Salle., Lorenzo, A.J., Dave, S., Farhat, W.A., Khoury, A.E.
- 2007 Oct Injected Volume of Dextranomer/Hyaluronic Acid (D/H) Is Directly Associated with Successful Correction of Vesicoureteric Reflux: A Single Institution Multivariable Analysis. American Academy of Pediatrics, Section on Urology. San Francisco, California. Dave, S., Lorenzo, A.J., Braga, L.H., Skeldon, S., Pippi Salle, J.L., Farhat, W.A., Khoury, A.E., **Bagli, DJ.**
- 2007 Oct Multivariable Analysis of Risk Factors for Recurrent Ureteropelvic Junction Obstruction in 401 Consecutive Children. American Academy of Pediatrics, Section on Urology. San Francisco, California. Braga, L.H., Lorenzo, A.J., McKaey, M., Dave, S., Campos, F., Farhat, W.A., Khoury, A.E., **Bagli, DJ.**, Pippi Salle, J.L.
- 2007 Oct Outcome and Cost Comparison of Externalized Versus Double J Pyeloureteral Stents for 533 Consecutive Pyeloplasties. American Academy of Pediatrics, Section on Urology. San Francisco, California. Braga, L.H., Lorenzo, A.J., Dave, S., Matos, A.L., Farhat, W.A., **Bagli, DJ.**, Khoury, A.E., Pippi Salle, J.L.
- 2007 Apr 14 Determining factor in the contraction of de-epithelialized gastric flap for bladder augmentation. American Urological Association. New Orleans, Louisiana. Pippi Salle J.L., Homayoon K, Agarwal SK, **Bagli DJ,**

McLorie GA, Khoury AE.

- 2007 Apr 12 Failed Pyeloplasty in Children: Comparative Analysis of Retrograde Endopyelotomy vs. re-do Pyeloplasty. University of Toronto, Robson Research Day. Toronto, Ontario. Braga, LH., Lorenzo, AL., Pippi Salle, JL., Dave, S., Skeldon, S., **Bagli, DJ.**, Khoury, AE., Farhat, WA.
- 2007 Apr Failed Pyeloplasty in Children: Comparative Analysis of Retrograde Endopyelotomy vs. re-do Pyeloplasty. University of Toronto, Annual Robson Research Day. Toronto, Ontario. Braga, LH., Lorenzo, AJ., Pippi Salle, JL., Daves, S., Skeldon, S., **Bagli, DJ.**, Khoury, AE., Farhat, WA.
- 2007 Apr Injected Volume of Dextranomer/Hyaluronic Acid Copolymer (Dx/HA) is Directly Associated with Successful Correction of Vesicoureteric Reflux: A Single Institution Multivariable Analysis. University of Toronto, Robson Research Day. Toronto, Ontario. Dave, S., Lorenzo, AJ., Braga, LH., Suoub, M., Farhat, WA., Pippi Salle, JL., Bagli, JL., Khoury, AE.
- 2006 May Additive Effect On ERK 1/2 Map Kinase Activation By Neuro-Humoral And Mechanical Stimulation: Inhibition By Oxybutinin Hydrochloride. AUA. Atlanta, Georgia. Armando J Lorenzo, Nesrin Sabha, Karen Aitken, **Darius J Bagli.**
- 2006 Mar Additive Effect on Erk 1/2 MAP Kinase Activation by Neur-Humoral and Mechanical Stimulation: Further Biochemical Support for Standard of Care: Oxybutinin Hydrochloride. University of Toronto, Annual Robson Research Day. Toronto, Ontario. Lorenzo, AJ., Sabha, N., Aitkent, K., **Bagli, Dj.**
- 2006 Mar Bladder Trabeculations as an Indicator of Adequate Outlet Resistance in Patients with Neurogenic Bladder Undergoing Reconstructive Surgery. University of Toronto, Annual Robson Research Day. Toronto, Ontario. Dves, I., Peralta-Del Valle, MH., Skeldon, S., Lorenzo, AJ, Braga, LP., **Bagli, DJ.**, Khoury, AE.
- 2006 Mar What is the Variability in Urodynamic Parameters with Position Change in a Pediatric Population? University of Toronto, Annual Robson Research Day. Toronto. Lorenzo, AJ., Wallis, MC., Cook, A., Fairen, A., Bozic, D., **Bagli, DJ.**, Khoury, AE., Pippi-Salle, JL.
- 2005 Nov 3 A Multicenter Evaluation of Technical Preferences for Hypospadias Repair. Northeastern & New England Sections of the American Urological Association. Bermuda. Cook A, Pippi Salle JL, Farhat W, **Bagli D**, Khoury AE.
- 2005 Nov 3 Pediatric Renal Cell Carcinoma: Experience at a Single Center. Northeastern & New England Sections of the American Urological Association. Bermuda. Cook A, Pippi Salle JL, Farhat W, **Bagli DJ**, Khoury AE.
- 2005 Oct 9 What are the most powerful determinants of endoscopic reflux correction? Multivariate analysis of a single institution experience over 6 years. American Academy of Pediatrics. Washington, District of Columbia. Lorenzo A, Barroso U, Pippi Salle JL, Cook A, Grober E, Wallis C, **Bagli DJ**, Khoury AE. (Podium Presentation).
- 2005 Jun 15 Matrix Metalloproteinases (MMP) Mediate Hypoxia-Induced Erk 1/2 Mitogen Activated Protein Kinase Activation and Bladder Smooth Muscle Cell Growth. 2nd Annual ESPU/AAP meeting (Podium Presentation). Uppsala, Sweden. **Bagli D**, Sabha N, Szybowska M, Jairath A.
- 2004 Oct 11 Aerosol Transfer of Bladder Urothelial and Smooth Muscle Cells Onto Demucosalized Colonic Segments for Porcine Bladder Augmentation in Vivo: A 6 Week Experimental Study. American Academy of Pediatrics (Podium Session 10 #81). San Francisco, California. Hafez A, Afshar K, **Bagli D**, Bahoric A, Aitken K, Smith C, Khoury AE.
- 2004 May 9 Can we predict resolution of primary non-refluxing megaureter. American Urological Association. San Francisco, California. Papanikolaou F, Moskalyk T, Cook A, Afshar K, Farhat W, **Bagli DJ**, Pippi Salle J, Khoury AE.
- 2004 Apr 1 Can we predict resolution of primary non-refluxing megaureter? University of Toronto Robson Research Day. Toronto, Ontario. Papanikolaou F, Moskalyk T, Cook A, Afshar K, Farhat W, **Bagli D**, Pippi Salle JL, Khoury AE.

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- 2003 Nov 1 Bladder Matrix Metalloproteinases (MMPs) Mediate Activation of Extracellular Regulated Kinase (ERK 1/2) and Proliferation in BSMC. American Academy of Pediatrics. New Orleans, Louisiana. Block G, Aitken K, **Bagli DJ**.
- 2002 Oct 19 Impact of Lower Urinary Tract Reconstruction in Bladder Exstrophy and Upper Tract Safety. American Academy of Pediatrics annual meeting. Boston, Massachusetts. Bolduc S, Capolicchio G, Upadhyay J, Farhat W, **Bagli DJ**, Khoury AE, McLorie GA.
- 2002 Oct 19 Long-Term Evaluation of Metabolic Profile and Bone Mineral Density (BMD) Following Ileocystoplasty. American Academy of Pediatrics annual meeting. Boston, Massachusetts. Hafez AT, McLorie GA, Gilday D, Laudenberg B, Upadhyay J, **Bagli DJ**, Khoury AE.
- 2002 Oct 19 Safety of Retroperitoneal Pediatric Laparoscopic Surgery. American Academy of Pediatrics annual meeting. Boston, Massachusetts. Halachmi S, EL Ghoneimi A, Zaarour C, McLorie GA, **Bagli DJ**, Khoury AE, Farhat W.
- 2002 Oct 19 Use of Tolterodine in Children after Oxybutynin Failure. American Academy of Pediatrics annual meeting. Boston, Massachusetts. Bolduc S, Upadhyay J, **Bagli DJ**, McLorie GA, Khoury AE, Farhat W.
- 2002 Sep 27 Impact of Lower Urinary Tract Reconstruction in Bladder Exstrophy and Upper Tract Safety. The NorthEastern Section of the American Urological Association, Inc. Mt. Tremblant, Quebec. Bolduc S, Capolicchio G, Upadhyay J, Farhat W, **Bagli DJ**, Khoury AE, McLorie GA.
- 2002 Sep 27 Integrins Mediate Bladder Smooth Muscle Cell Growth in Vitro. The Northeastern Section of the American Urological Association, Inc. Mt. Tremblant, Quebec. Upadhyay J, Bolduc S, Aitken K, **Bagli DJ**.
- 2002 Sep 27 Safety of Retroperitoneal Pediatric Laparoscopic Surgery. Northeastern Section of the American Urological Association, Inc. Mt. Tremblant, Quebec. Halachmi S, EL-Ghoneimi A, Zaaour C, McLorie GA, Khoury AE, Farhat W.
- 2002 Sep 27 Use of Tolterodine in Children After Oxybutinin Failure. The NorthEastern Section of the American Urological Association, Inc. Mt. Tremblant, Quebec. Bolduc S, Upadhyay J, Payton J, Aboutaleb H, **Bagli DJ**, McLorie GA, Khoury AE, Farhat W.
- 2002 Sep 19 Outcome Analysis of Ureteral Reimplantations for Vesicoureteral Reflux in Children. American Academy of Pediatrics. Boston, Massachusetts. Aboutaleb H, Bolduc S, Upadhyay J, Farhat W, **Bagli DJ**, Khoury AE.
- 2002 Sep 11 A Prospective Trial Of Observational Therapy in Neonatal High Grade Vesicoureteral Reflux. 26th World Congress of the Societe Internationale. Stockholm, Sweden. McLorie GA, Upadhyay J, Farhat W, Bolduc S, Geary D, **Bagli DJ**, Khoury AE.
- 2002 Sep 11 Can Diagnostic Imaging Predict the histological Appearance in The Upper Poles of Duplex System Ureteroceles. 26th World Congress of the Societe Internationale D'Urologie. Stockholm, Sweden. Khoury AE, Bolduc S, Upadhyay J, Restrepo R, Sherman C, Farhat W, **Bagli DJ**, McLorie GA, EL Ghoneimi A.
- 2002 Jun 26 A prospective trial of observational therapy in neonatal vesicoureteral reflux. Canadian Urological Association. St. John's. Upadhyay J, Farhat W, bolduc S, Geary D, **Bagli DJ**, Khoury AE, McLorie GA.
- 2002 Jun 26 Use of tolterodine in children after oxybutinin failure. Canadian Urological Association. St. John's. Bolduc S, Farhat W, Upadhyay J, Payton J, **Bagli DJ**, McLorie GA, Khoury AE.
- 2002 May 26 Macroplastique injection versus extravesicle reimplantation in primary low grade vesicoureteral reflux: a comparative study. American Urological Association. Orlando, Florida. Aboutaleb H, Bolduc S, Upadhyay J, Farhat W, **Bagli D**, McLorie GA, Khoury AE.
- 2000 Sep 16 Long term outcomes of acellular matrix for bladder substitution in porcine model. Northeastern Section, American Urological Association. Pittsburg, Pennsylvania. Farhat W, Merguerian PA, Woodhouse K, Brown A, **Bagli DJ**, McLorie GA, Khoury AE.
- 2000 Sep 15 Endoscopic subureteral macroplastique injection for the treatment of vesicoureteral reflux in children: First

- North American report. Northeastern Section, American Urological Association. Pittsburg, Pennsylvania. Herz DB, Capolicchio JP, Hafez A, Farhat W, McLorie GA, **Bagli DJ**, Merguerian PA, Khoury AE.
- 2000 Sep 15 Greater reliability of neonatal ultrasonography in defining renal injury with antenatal hydronephrosis and vesicoureteral reflux. Northeastern Section, American Urological Association. Pittsburg, Pennsylvania. McLorie GA, Farhat W, Geary D, **Bagli DJ**, Merguerian PA, Khoury AE.
- 2000 Sep 15 Use of intraoperative allograft ultrasound in high risk pediatric living-related renal transplantation. Northeastern Section, American Urological Association. Pittsburg, Pennsylvania. Herz DB, Rodgers-Herz C, Hafez A, Khoury Ae, Merguerian PA, McLorie GA.
- 2000 Jun 28 Is a dressing really required after hypospadias surgery: results of a prospective randomized clinical trial. Canadian Urological Association. Kelowna, British Columbia. McLorie GA, Joyner BD, **Bagli DJ**, McCallum J, Merguerian PA, Khoury AE.
- 2000 Jun 28 Is it still necessary to perform a VCUG after extravesical ureteral reimplantation? Canadian Urological Association. Kelowna, British Columbia. Barrieras DJ, Lapointe S, Reddy PP, Williot P, McLorie GA, **Bagli DJ**, Merguerian PA, Khoury AE.
- 2000 Jun 28 Tubularized incised plate hypospadias repair: evaluation of intermediate term outcome. Canadian Urological Association. Kelowna, British Columbia. Khoury AE, Prasad A, Merguerian PA, McLorie GA, **Bagli DJ**.
- 2000 Jun A population based analysis of continence outcomes in bladder exstrophy: the fate of the bladder neck reconstruction. Joint meeting 2000 AAP/ESPU. Tours, France. Capolicchio JP, McLorie GA, Farhat W, Merguerian PA, **Bagli DJ**, Khoury AE.
- 2000 May RHAMM (Receptor for hyaluronic acid mediated motility) regulates prostate cancer (CAP) progression. American Urological Association. Atlanta, Georgia. **Bagli DJ**, Chang M.
- 1999 Oct A prospective randomized clinical trial to evaluate methods postoperative care in hypospadias. American Academy of Pediatrics. Washington, District of Columbia. McLorie GA, Joyner BD, **Bagli DJ**, McCallum J, Merguerian PA, Khoury AE.
- 1999 Oct Regeneration of functional bladder substitutes using large segment (>44cm²) acellular matrix allografts in a porcine model: long term results. American Academy of Pediatrics. Washington, District of Columbia. Reddy PP, Barrieras DJ, **Bagli DJ**, McLorie GA, Khoury AE, Merguerian PA.
- 1999 Jun 23 Spongioplasty: Reconfiguration of the distal spongiosum in hypospadias repair. Canadian Urological Association. London, Ontario. Reddy PP, Barrieras DJ, Merguerian PA, **Bagli DJ**, McLorie GA, Khoury AE.
- 1999 Jun Stented pyeloplasties decrease the incidence of acute complications. Canadian Urological Association. London, Ontario. Reddy PP, Barrieras DJ, Merguerian PA, Simms K, **Bagli DJ**, McLorie GA, Khoury AE.
- 1998 Oct 19 Antenatal diagnosis of bladder exstrophy: current status. American Academy of Pediatrics. San Diego, California. Barrieras D, McLorie GA, Neilson B, Merguerian PA, **Bagli DJ**, Khoury AE.
- 1998 Oct 19 Initial experience with endoscopic holmium laser lithotripsy for pediatric urolithiasis. American Academy of Pediatrics. San Diego, California. Reddy PP, Merguerian PA, Barrieras D, **Bagli DJ**, McLorie GA, Khoury AE.
- 1998 Oct 19 Urinary retention after bilateral extravesical ureteral reimplantation: Does dissection distal to the ureteral orifice play a role? American Academy of Pediatrics. San Diego, California. Barrieras D, Lapointe S, Merguerian PA, Williot P, McLorie GA, **Bagli DJ**, Khoury AE.
- 1998 Oct 17 Prostate specific antigen in the study of dysfunctional voiding. American Academy of Pediatrics. San Diego, California. Reddy PP, **Bagli DJ**, Diamandia EP, Melegos DN, Barrieras D, Merguerian PA, McLorie GA, Khoury AE.
- 1998 Jun Prospective outcome analysis of the role of primary valve ablation in children with posterior urethral

- valves. Canadian Urological Association. Halifax, Nova Scotia. Merguerian PA, McLorie GA, **Bagli DJ**, Khoury AE.
- 1998 Jun Renal pelvic retention time at twenty minutes (R-20) in children with hydronephrosis. Canadian Urological Association. Halifax, Nova Scotia. McLorie GA, Reddy PP, Pugach JL, Gilday DL, **Bagli DJ**, Merguerian PA, Khoury AE.
- 1998 May Simultaneous repair of bladder exstrophy and epispadias in male infants. American Urological Association. San Diego, California. McLorie GA, Pippi Salle JL, Merguerian PA, **Bagli DJ**, Khoury AE.
- 1998 Apr Injuries to the genitourinary system during posterior sagittal approach and their repair. European Society of Paediatric Urology. Salzburg, Austria. McLorie GA, Merguerian PA, DeMaria JE, **Bagli DJ**, Khoury AE.
- 1998 Apr Prospective outcome analysis of the feasibility and efficacy of primary valve ablation in children with posterior urethral valves. European Society of Paediatric Urology. Salzburg, Austria. McLorie GA, Merguerian PA, **Bagli DJ**, Khoury AE.
- 1998 Apr Simultaneous repair of bladder exstrophy and epispadias in male infants. European Society of Paediatric Urology. Salzburg, Austria. McLorie GA, Merguerian PA, **Bagli DJ**, Khoury AE.
- 1997 Nov Artificial neural networks in pediatric urology: prediction of sonographic outcome following pyeloplasty. American Academy of Pediatrics. New Orleans, Louisiana. Agarwal SK, **Bagli DJ**, Venkateswaran S, Shuckett B, Khoury AE, Merguerian PA, McLorie GA.
- 1997 Nov The utility of dimercaptosuccinic acid (DMSA) renal scanning in the evaluation of children with primary vesicoureteral reflux. American Academy of Pediatrics. New Orleans, Louisiana. Merguerian PA, Jamal MA, Agarwal SK, McLorie GA, **Bagli DJ**, Khoury AE.
- 1997 Sep 11 Factors contributing to local recurrence of Wilms' tumor: a retrospective review. SIU. Montreal, Quebec. Preiner JL, McLorie GA, **Bagli DJ**, Babyn P, Whitteley G, Weitzman S, Khoury AE.
- 1997 Sep 10 Assessment of differential renal function in the presence of partial unilateral ureteral obstruction: correlation of DMSA and DTPA renal scans with inulin clearance. SIU. Montreal, Quebec. Pippi Salle JL, Homayoon K, Agarwal SK, **Bagli DJ**, Gilday DL, McLorie GA, Khoury AE.
- 1997 Sep 8 Modified technique for bladder neck closure as a salvage procedure for intractable incontinence in children. SIU. Montreal, Quebec. Agarwal SK, Khoury AE, **Bagli DJ**, Pippi Salle JL, McLorie GA.
- 1997 Apr 14 Are valsalva and detrusor leak point pressures (LPP) equivalent in children with neurogenic bladder? American Urological Association. New Orleans, Louisiana. Agarwal SK, McLorie GA, **Bagli DJ**, Merguerian PA, Khoury AE.
- 1997 Apr 14 Assessment of differential renal function (DRF) in the presence of partial unilateral ureteral obstruction: correlation of DMSA and DTPA renal scans with inulin clearance. American Urological Association. New Orleans, Louisiana. Pippi Salle JL, Homayoon K, Agarwal SK, **Bagli DJ**, Gilday DL, McLorie GA, Khoury AE.
- 1996 Oct Basic fibroblastic growth factor in the urine of children with myelodysplasia: A potential marker of bladder pathology. American Academy of Pediatrics. Boston, Massachusetts. Van Savage J, Khoury AE, McLorie GA, Salle JL, Carr M, **Bagli DJ**.
- 1996 Oct Factors contributing to local recurrence of Wilms' tumor: A retrospective review. American Academy of Pediatrics. Boston, Massachusetts. Preiner J, McLorie GA, **Bagli DJ**, Salle JL, Whitteley G, Weitzman S, Khoury AE.
- 1996 Oct Management and outcome of anterior urethral valves in the era of antenatal sonography. American Academy of Pediatrics. Boston, Massachusetts. Van Savage J, Khoury AE, McLorie GA, **Bagli DJ**, Salle JL.
- 1996 Oct Modified technique for bladder neck closure as a salvage procedure for intractable incontinence in children. American Academy of Pediatrics. Boston, Massachusetts. Agarwal SK, Khoury AE, **Bagli DJ**,

Darius Jehan BÄGLI

Salle JL, McLorie GA.

- 1996 Sep Antenatal diagnosis and treatment of fetal hydronephrosis: An uncertain outcome. Northeastern Section of the American Urological Association. Buffalo, New York. McLorie GA, Khoury AE, Agarwal SK, Salle JL, **Bagli DJ**.
- 1996 Sep Posterior urethral valves: An evolving treatment plan. Northeastern Section of the American Urological Association. Buffalo, New York. McLorie GA, Agarwal SK, Joyner B, Khoury AE, **Bagli DJ**.
- 1996 Jun Antenatal diagnosis and treatment of fetal hydronephrosis: An uncertain outcome. Canadian Urological Association. Victoria, British Columbia. McLorie GA, Khoury AE, Agarwal SK, Salle JL, **Bagli DJ**.
- 1996 Jun Diagnosis and management of anterior urethral valves does antenatal diagnosis influence outcome? Canadian Urological Association. Victoria, British Columbia. McLorie GA, Khoury AE, Salle JP, **Bagli DJ**, Van Savage JG.
- 1996 May Antenatal diagnosis and treatment of fetal hydronephrosis: An uncertain outcome. American Urological Association. Orlando, Florida. McLorie GA, Khoury AE, Agarwal SK, Salle JL, **Bagli DJ**.
- 1996 May Prepubertal testicular and paratesticular tumours. American Urological Association. Orlando, Florida. Farivar-Mohseni H, **Bagli DJ**, McLorie GA, Pippi Salle JL, Khoury AE.
- 1996 May Urethral lengthening with anterior bladder wall flap: followup and extended indications of the technique. American Urological Association. Orlando, Florida. Salle JLP, Khoury AE, McLorie GA, **Bagli DJ**.
- 1996 May Urodynamic correlation of resolution of reflux in myelomeningocele patients. American Urological Association. Orlando, Florida. Agarwal SK, McLorie GA, Salle JP, **Bagli DJ**, Khoury AE.
- 1995 Jan Single stage outpatient hypospadias repair: retrospective outcomes analysis. American Urological Association. Las Vegas, Nevada. **Bagli DJ**, Williams L, Mullen J, Mitchell ME.
- 1995 The Mitchell technique for repair of epispadias. American Urological Association. Las Vegas, Nevada. **Bagli DJ**, Mitchell ME.
- 1994 Jul Detrusorraphy and peritoneal flap (DPF) in neurogenic bladder patients: an alternative to enterocystoplasty. Western Section, American Urological Association. Seattle, Washington. **Bagli DJ**, Horowitz M, Carr MC, Mitchell ME.
- 1994 Post-operative continuous positive pressure (CPP) to promote mucosal adherence after detrusor replacement. American Urological Association, Western Section. Seattle, Washington. **Bagli DJ**, Horowitz M, Carr MC, Mitchell ME.
- 1994 Single stage outpatient hypospadias repair: retrospective outcomes analysis. American Urological Association, Western Section. Seattle, Washington. **Bagli DJ**, Williams L, Mullen J, Mitchell ME.
- 1994 The Mitchell technique for repair of epispadias. Western Section, American Urological Association. Seattle, Washington. **Bagli DJ**, Mitchell ME.
- 1993 Aug Endoscopic management of pediatric uppertract urolithiasis. American Urological Association. San Francisco, California. **Bagli DJ**, Peters CA, Retik AB, Kavoussi LR.
- 1992 Sep A complex morphogenetic response evoked in prostate cells in response to an extracellular matrix surface. University of California, Los Angeles. Los Angeles, California. Lamb CC, **Bagli DJ**, Freeman MR.
- 1992 Angiotensin production by human corporal cavernosal tissue. American Urological Association. Washington, District of Columbia. **Bagli DJ**, Chiou C-Y, Kifor I, Dluhy R, Vickers MA.
- 1992 Morphologic and behavioral transformations of prostate epithelial cells is mediated by extracellular matrix and results in alterations in expression of tissue matrix system genes. American Urological Association. Washington, District of Columbia. Freeman MR, **Bagli DJ**, Guthrie PD, Smith ER, Lamb CC.

Darius Jehan BÄGLI

- 1992 Stable morphologic and behavioral transformations of tumorigenic prostate cells after exposure to extracellular matrix. Annual Meeting, American Urological Association. Toronto, Ontario. **Bagli DJ**, Guthrie PD, Freeman MR.
- 1991 Sep An epithelial-mesenchymal transformation in response to extracellular matrix leads to basement membrane invasion. American College of Surgeons (Surgical Forum). Chicago, Illinois. **Bagli DJ**, Freeman MR.
- 1991 An epithelial-mesenchymal transformation in response to extracellular matrix leads to basement membrane invasion. Gordon Research Conference: Biological Structure and Gene Expression. New Hampton, New Hampshire. Freeman MR, Peters CA, **Bagli DJ**.
- 1991 An epithelial-mesenchymal transformation in response to extracellular matrix leads to basement membrane invasion. Society for Basic Urologic Research. **Bagli DJ**, Freeman MR.
- 1991 Angiotensin production by human corporal cavernosal tissue. American Urological Association, New England Section. Dixville Notch, New Hampshire. **Bagli DJ**, Chiou C-Y, Kifor I, Dluhy R, Vickers MA.
- 1989 Characterization of chemically differentiated colorectal carcinoma and their susceptibility to natural killer lysis. American Association for Cancer Research. Chicago, Illinois. **Bagli DJ**, Steele GD, Barlozzari T.
- 1989 Natural killer sensitivity of human colorectal carcinoma correlates with degree of differentiation. Clinical Congress: American College of Surgeons (Surgical Forum). San Francisco, California. **Bagli DJ**, Steele GD, Barlozzari T.
- 1988 A new adhesion receptor on human natural killer cells. Federation of the American Society for Experimental Biology. San Francisco, California. **Bagli DJ**, Steele GD, Barlozzari T.
- 1988 Human cellular immune response to monoclonal antibody administration: Evidence for an anti-idiotypic T-lymphocyte receptor. Society for Surgical Oncology. **Bagli DJ**, Steele GD, Barlozzari T.
- 1988 Natural killer sensitivity of human colorectal carcinoma correlates with degree of differentiation. Society for Surgical Oncology. New Orleans, Louisiana. **Bagli DJ**, Steele GD, Barlozzari T.

Presented and Published Abstracts

- 2017 May A Practice Platform for Systematic Development of Microsurgical Instrument Technique
Publication Details:
Bagli DJ, Odeh R, Penna F, Grober E, Fernandez N, Lorenzo AJ, Satterwaite L, Dubrowski A.. *Cureus* 9(5): e1253. DOI 10.7759/cureus.1253
- 2012 Jun Cliteroplasty and Vaginoplasty in Adolescents and Adults with Disorders of Sex Development (DSD): Lessons Learned.
Publication Details:
Pippi Salle JL, Romao R, Allen L, DeMaria J, Braga L, Jednak R, Sumit D, Lorenzo A, Farhat W, Koyle M, **Bagli D**. Cliteroplasty and Vaginoplasty in Adolescents and Adults with Disorders of Sex Development (DSD): Lessons Learned. *Canadian Urological Association Journal*. Vol. 6 (3Suppl1), 2012. **Coauthor or Collaborator**.
- 2012 Jun Onabotulinumtoxin A Endoscopic Detrusor Injection for the Treatment of Neurogenic Bladder in Children: Effect of Dose Adjustment, Multiple Injections and Avoidance of Reconstructive Procedures.

Publication Details:

Figueroa V, Romao R, Pippi Salle JL, Kanaroglou N, Koyle M, **Bagli D**, Lorenzo A. Onabotulinumtoxin A Endoscopic Detrusor Injection for the Treatment of Neurogenic Bladder in Children: Effect of Dose Adjustment, Multiple Injections and Avoidance of Reconstructive Procedures. Canadian Urological Association Journal. Vol. 6 (3Suppl1), 2012. **Coauthor or Collaborator**.

2012 Jun Spectrum of Ureteropelvic Junction Obstruction (UPJO) Morphological Characteristics from Infancy to Adulthood and Implications in Surgical Management.

Publication Details:

Romao R, Foell K, Figueroa V, Lorenzo A, Farhat W, Pace K, **Bagli D**, Koyle M, Honey R, D'A J, Pippi Salle JL. Spectrum of Ureteropelvic Junction Obstruction (UPJO) Morphological Characteristics from Infancy to Adulthood and Implications in Surgical Management. Canadian Urological Association Journal. Vol. 6 (3Suppl1), 2012. **Coauthor or Collaborator**.

2012 Jun The Challenge and Morbidity of Intermittent Ureteropelvic Junction Obstruction (IUPJO) in Children.

Publication Details:

Romao R, Figueroa V, Pippi Salle JL, El-Naeema A, Lorenzo A, **Bagli D**, Farhat W, Koyle M. The Challenge and Morbidity of Intermittent Ureteropelvic Junction Obstruction (IUPJO) in Children. Canadian Urological Association Journal. Vol. 6 (3Suppl1), 2012. **Coauthor or Collaborator**.

2012 May 11 Comparison of Laparoscopic vs. Open Radical Nephrectomy for the Treatment of Primary Renal Tumors in Children.

Publication Details:

Romao R, Farhat W, Pippi Salle JL, Figueroa V, Koyle M, **Bagli D**, Grant R, Lorenzo A. Comparison of Laparoscopic vs. Open Radical Nephrectomy for the Treatment of Primary Renal Tumors in Children. European Society for Pediatric Urology. **Coauthor or Collaborator**.

2012 May 11 Natural History of Pediatric Hemorrhagic Cystitis After Bone Marrow Transplant in tertiary Care Centre.

Publication Details:

Figueroa V, Romao R, Lorenzo A, Doyle J, Pippi Salle JL, **Bagli D**, Koyle M and Farhat W. Natural History of Pediatric Hemorrhagic Cystitis After Bone Marrow Transplant in tertiary Care Centre. European Society for Pediatric Urology. **Coauthor or Collaborator**.

2012 May 10 Percent Improvement in Antero-Posterior Diameter: Objective Renal Pelvis Sonographic Measurement That Can Help Identify Patients at Risk for Failure After Pyeloplasty for Antenatally Detected Ureteropelvic Junction Obstruction.

Publication Details:

Romao R, Farhat W, Pippi Salle JL, Figueroa V, **Bagli D**, Kanaroglou N, Koyle M, Lorenzo A. Percent Improvement in Antero-Posterior Diameter: Objective Renal Pelvis Sonographic Measurement That Can Help Identify Patients at Risk for Failure After Pyeloplasty for Antenatally Detected Ureteropelvic Junction Obstruction. European Society for Pediatric Urology. **Coauthor or Collaborator**.

2012 May 9 Objective Outcome Comparison of Intra vs. Extravesical Reimplantation for Primary Bilateral Vesicoureteric Reflux.

Publication Details:

Romao R, Keays M, Navaratnarajah J, Silverbrook M, El-Hout Y, Figueroa V, Lorenzo A, Farhat A, Koyle M, Pippi Salle JL, Campbell F and **Bagli D**. Objective Outcome Comparison of Intra vs. Extravesical Reimplantation for Primary Bilateral Vesicoureteric Reflux. European Society for Pediatric Urology. **Principal Author**.

- 2009 A Longitudinal Observational Study of Flow Rate (FR) Parameters in a Complication-Free Distal Hypospadias Cohort Following Tubularized Incised Plate (TIP) Repair.
- Publication Details:*
El-Hout, Y, **Bagli, DJ**, Farhat, WA, Braga, LHP, Pippi Salle, JL, Lorenzo, AJ. A Longitudinal Observational Study of Flow Rate (FR) Parameters in a Complication-Free Distal Hypospadias Cohort Following Tubularized Incised Plate (TIP) Repair. The Journal of Urology 2009: 181(4): pp 113. **Coauthor or Collaborator.**
- 2009 Increased Bladder Capacity Develops with Age, Regardless of Initial Treatment: A Single Center 15-Year Longitudinal Follow-up Study in Patients with Posterior Urethral Valves (PUV).
- Publication Details:*
Braga, LH, Lorenzo, AJ, Assai, A, Leslie, B, Farhat, WA, **Bagli, DJ**, Pippi Salle, JL, Khoury, AE. Increased Bladder Capacity Develops with Age, Regardless of Initial Treatment: A Single Center 15-Year Longitudinal Follow-up Study in Patients with Posterior Urethral Valves (PUV). Journal of Urology. 181(4): pp 172, 2009. **Coauthor or Collaborator.**
- 2009 Outcome of Antibiotic Prophylaxis Cessation in Patients with Persistent Vesico-Ureteral Reflux who Initially Presented with a Febrile Urinary Tract Infection.
- Publication Details:*
Leslie, B, Moore, K, **Bagli, DJ**, Farhat, WA, Cook, A, Khoury, AE, Pippi-Salle, JL, Lorenzo, AJ. Outcome of Antibiotic Prophylaxis Cessation in Patients with Persistent Vesico-Ureteral Reflux who Initially Presented with a Febrile Urinary Tract Infection. Journal of Urology 2009: 181(4): pp 223. **Coauthor or Collaborator.**
- 2009 Preliminary Assessment of a Mathematical Model to Predict Penile Length After Dorsal Plication in Hypospadias Repair.
- Publication Details:*
El-Hout, Y, Lorenzo, AJ, Khoury, AE, Farhat, WA, **Bagli, DJ**, Pippi Salle, JL. Preliminary Assessment of a Mathematical Model to Predict Penile Length After Dorsal Plication in Hypospadias Repair. The Journal of Urology 2009: 181(4): pp 115. **Coauthor or Collaborator.**
- 2009 Prospective Cost- Analysis of Laparoscopic vs Open Pyeloplasty in Children: Single Center Contemporary Evaluation of Two Procedures over a OneYear Period.
- Publication Details:*
Moore, K, Farhat, WA, Leslie, B, El-Hout, Y, **Bagli, DJ**, Pippi-Salle, JL, Lorenzo, AJ. Prospective Cost-Analysis of Laparoscopic vs Open Pyeloplasty in Children: Single Center Contemporary Evaluation of Two Procedures over a OneYear Period. Antibody Immunoconjugation and Radiopharmacology 2009: 5(1): pp S43. **Coauthor or Collaborator.**
- 2009 Impact of Penile Degloving on Ventral Curvature Correction in Children with Proximal Hypospadias.
- Publication Details:*
Weber, B, Braga, LH, Pippi Salle, JL, Farhat, W, **Bagli, DJ**, Lorenzo, AJ. Impact of Penile Degloving on Ventral Curvature Correction in Children with Proximal Hypospadias. Canadian Urological Association Journal 2009: 3(supl.1): pp S48. **Coauthor or Collaborator.**
- 2009 Outcome Analysis of Tapered Ureteral Reimplantation: 14-Year Single-Institution Experience.
- Publication Details:*
Leslie, B, Moore, K, Farhat, W, **Bagli, DJ**, Lorenzo, A, Pippi-Salle, JL. Outcome Analysis of Tapered Ureteral Reimplantation: 14-Year Single-Institution Experience. Canadian Urological Association Journal 2009: 3(supl.1): pp S51. **Coauthor or Collaborator.**
- 2009 Prospective Cost- Analysis of Laparoscopic vs.

Publication Details:

Moore, K, Farhat, W, Leslie, B, El-Hout, Y, **Bagli, DJ**, Pippi Salle, JL, Lorenzo, AJ. Prospective Cost-Analysis of Laparoscopic vs. Open Pyeloplasty in Children: Single Center Contemporary Evaluation of Two Procedures Over a 1-year Period. Canadian Urological Association Journal 2009: 3(supl.1): pp S49. **Coauthor or Collaborator.**

2009 Ultrasound Estimate of Testicular Volume as an Indication for Adolescent Varicocelelectomy: Impact of Formula Choice and Measurement Error on Size Discrepancy.

Publication Details:

Moore, K, Leslie, B, El-Hout, Y, Grober, E, Pippi Salle, JL, **Bagli, DJ**, Farhat, W, Lorenzo, A. Ultrasound Estimate of Testicular Volume as an Indication for Adolescent Varicocelelectomy: Impact of Formula Choice and Measurement Error on Size Discrepancy. Canadian Urological Association Journal 2009: 3(supl 1): pp S49. **Coauthor or Collaborator.**

2009 Beta-Catenin Target Genes are Upregulated During Partial Bladder Outlet Obstruction and Inhibited by Rapa.

Publication Details:

Leslie, B, Aitken, KJ, Moore, K, Panchaei, T, Elkelini, M, Sabha, NS, Hassouna, MM, Tolg, C, **Bagli, DJ**. Beta-Catenin Target Genes are Upregulated During Partial Bladder Outlet Obstruction and Inhibited by Rapa. Journal of Urology 2009: 181(4): pp 257. **Senior Responsible Author.**

2009 Bladder Smooth Muscle Cell Growth is Mediated by Mammalian Target of Rapamycin (MTOR).

Publication Details:

Aitken, KJ, Tolg, C, Panchai, T, Yu, J, Sabha, NS, Leslie, B, **Bagli, DJ**. Bladder Smooth Muscle Cell Growth is Mediated by Mammalian Target of Rapamycin (MTOR). Journal of Urology 2009: 181(4): pp 257. **Senior Responsible Author.**

2009 Differentiation of Skin Derived Stem Cells Into Bladder Smooth Muscle Cells.

Publication Details:

Tolg, C, Biernaskie, J, Chi, L, Aitken, KJ, Ahsan, A, Rosenblum, N, Miller, F, **Bagli, DJ**. Differentiation of Skin Derived Stem Cells Into Bladder Smooth Muscle Cells. Journal of Urology 2009: 181(4): pp 40. **Senior Responsible Author.**

2009 Does Bilateral Ureteral Reimplantation at The Time of Primary Bladder Exstrophy Closure (CPRE-BUR) Protect the Upper Tracts?

Publication Details:

Pippi-Salle, JL, Braga, LH, Lorenzo, AJ, **Bagli, DJ**. Does Bilateral Ureteral Reimplantation at The Time of Primary Bladder Exstrophy Closure (CPRE-BUR) Protect the Upper Tracts? Journal of Pediatric Urology 2009: 5(1): pp S51. **Senior Responsible Author.**

2009 Increased DNMT1 Expression and Activity in Uroepithelial Cells Following Uropathogenic E Coli Infection.

Publication Details:

Sabha, NS, Aitken, KJ, Toelg, Conny, Panchal, T, **Bagli, DJ**. Increased DNMT1 Expression and Activity in Uroepithelial Cells Following Uropathogenic E Coli Infection. Journal of Urology 2009: 181(4): pp 18-19. **Senior Responsible Author.**

2009 Is It Reasonable to Observe Patient with Persistent Vesico-Ureteral Reflux after Failed First Endoscopic Injection.

Publication Details:

Moore, K, Leslie, B, Lorenzo, AJ, Pippi Salle, JL, Farhat, WA, **Bagli, DJ**. Is It Reasonable to Observe Patient with Persistent Vesico-Ureteral Reflux after Failed First Endoscopic Injection. The Journal of

Urology 2009: 181(4): pp 221-222. **Senior Responsible Author.**

2009 Physiologic Stimulation of Bladder Smooth Muscle Cell Growth is Mediated by Mammalian Target of Rapamycin (MTOR).

Publication Details:

Aitken, KJ, Tolg, C, Panchal, T, Yu, J, Sabha, N, Leslie, B, **Bagli, DJ**. Physiologic Stimulation of Bladder Smooth Muscle Cell Growth is Mediated by Mammalian Target of Rapamycin (MTOR). Journal of Pediatric Urology 2009: 5(1): pp S20. **Senior Responsible Author.**

2009 Is it Reasonable to Observe Patient with Persistent Vesico-Ureteral Reflux after Failed First Endoscopic Injection?

Publication Details:

Moore, K, Leslie, B, Lorenzo, AJ, Pippi Salle, JL, Farhat, W, **Bagli, DJ**. Is it Reasonable to Observe Patient with Persistent Vesico-Ureteral Reflux after Failed First Endoscopic Injection? Canadian Urological Association Journal 2009: 3(supl.(1): pp S48. **Senior Responsible Author.**

2008 Gender- Based Outcome Analysis After Complete Primary Repair of Bladder Exstrophy (CPRE).

Publication Details:

Braga, LH, Lorenzo, AJ, Jreaz, R, **Bagli, DJ**, Farhat, WA, Pippi Salle, JL, Khoury, AE. Gender- Based Outcome Analysis After Complete Primary Repair of Bladder Exstrophy (CPRE). The Journal of Urology 2008: 179(4): pp 95. **Coauthor or Collaborator.**

2008 Hypertension in Children with Poorly Functioning Kidney: Predictors of Resolution After Nephrectomy.

Publication Details:

El-Hout, Y, Licht, C, Eeg, KR, Lorenzo, AJ, Pippi Salle, JL, **Bagli, DJ**, Khoury, AE, Farhat, WA. Hypertension in Children with Poorly Functioning Kidney: Predictors of Resolution After Nephrectomy. The Journal of Urology 2008: 179(4): pp 412. **Coauthor or Collaborator.**

2008 Outcome Analysis of Different Pyeloplasty Approaches in an Age-matched Pediatric Cohort.

Publication Details:

Braga, LP, Lorenzo, AJ, Mahdi, M, **Bagli, DJ**, Khoury, AE, Farhat, W. Outcome Analysis of Different Pyeloplasty Approaches in an Age-matched Pediatric Cohort. Canadian Urological Association Journal 2008: 2(3): pp 272. **Coauthor or Collaborator.**

2008 Serial Imaging Studies After Renal Trauma in Children - Is Ultrasound Enough?

Publication Details:

Eeg, KR, Halachmi, S, Braga, LH, Farhat, WA, **Bagli, DJ**, Pippi Salle, JL, Khoury, AE, Lorenzo, AJ. Serial Imaging Studies After Renal Trauma in Children - Is Ultrasound Enough? The Journal of Urology 2008: 179(4): pp 366. **Coauthor or Collaborator.**

2008 Should We Still Use Onlay Island Flap for Penoscrotal Hypospadias Repair.

Publication Details:

Braga, LH, Lorenzo, AJ, El-Hout, Y, Walid, WA, **Bagli, DJ**, Khoury, AE, Pippi Salle, JL. Should We Still Use Onlay Island Flap for Penoscrotal Hypospadias Repair. The Journal of Urology 2008: 179(4): pp 408. **Coauthor or Collaborator.**

2007 Comparative Analysis of Tubularized Incised Plate vs.

Publication Details:

Braga, LP, Pippi Salle, JL, Dave, S, Lorenzo, A, Farhat, W, Khoury AE, **Bagli DJ**. Comparative Analysis of Tubularized Incised Plate vs. Onlay Island Flap Urethroplasties for Penoscrotal Hypospadias. Journal of Pediatric Urology 2007: 3(1): pp 50. **Senior Responsible Author.**

- 2007 Inhibition of Proliferation by Rapamycin in Rat Bladder Smooth Muscle Cells.
- Publication Details:*
Tse, D, Aitken, KJ, Sabha, N, Fung, F, Lorenzo, AJ, **Bagli, DJ**. Inhibition of Proliferation by Rapamycin in Rat Bladder Smooth Muscle Cells. The Journal of Urology 2007. **Senior Responsible Author.**
- 2007 Comparative Analysis of Tubularized Incised Plate vs.
- Publication Details:*
Braga, LH, Pippi Salle, JL, Dave, S, Skeldon S, Lorenzo, AJ, Farhat, WA, Khoury, AE, **Bagli, DJ**. Comparative Analysis of Tubularized Incised Plate vs. Onlay Island Flap Urethroplasties for Penoscrotal Hypospadias. Journal of Urology 2007: 177(4): pp 119. **Senior Responsible Author.**
- 2007 Failed Pyeloplasty in Children: Comparative Analysis of Retrograde Endopyelotomy vs.
- Publication Details:*
Braga, LP, Pippi Salle JL, Skeldon, S, Dave, S, Lorenzo A, **Bagli, DJ**, Khoury AE, Farhat W. Failed Pyeloplasty in Children: Comparative Analysis of Retrograde Endopyelotomy vs. Re-Do Pyeloplasty. Journal of Pediatric Urology 2007: 3(1): pp 77. **Coauthor or Collaborator.**
- 2007 Failed Pyeloplasty in Children: Comparative Analysis of Retrograde Endopyelotomy vs.
- Publication Details:*
Braga, LH, Pippi Salle, JL, Dave, S, Skeldon, S, Lorenzo, AJ, Khoury, AE, **Bagli, DJ**, Farhat, WA. Failed Pyeloplasty in Children: Comparative Analysis of Retrograde Endopyelotomy vs. re-do Pyeloplasty. Journal of Urology 2007: 177 (4): pp 398. **Coauthor or Collaborator.**
- 2006 Additive Effect On ERK1/2 Map Kinase Activation By Neuro-Humoral And Mechanical Stimulation: Inhibition By Oxybutinin Hydrochloride.
- Publication Details:*
Armando J Lorenzo, Nesrin Sabha, Karen Aitken, **Darius J Bagli**. Additive Effect On ERK1/2 Map Kinase Activation By Neuro-Humoral And Mechanical Stimulation: Inhibition By Oxybutinin Hydrochloride. The Journal of Urology 2006: 175: pp 189. **Senior Responsible Author.**
- 2006 Predisposing Factors for the Development of a Neurogenic Bladder in Patients with Anorectal Malformations.
- Publication Details:*
Braga LHP, Del-Valle MH, Wallis MC, Farhat WA, **Bagli DJ**, Khoury AE, Pippi Salle JL. Predisposing Factors for the Development of a Neurogenic Bladder in Patients with Anorectal Malformations. Canadian Journal of Urology 2006. **Senior Responsible Author.**
- 2006 Bladder Trabeculations As An Indicator of Adequate Outlet Resistance In Patients With Neurogenic Bladder Undergoing Reconstructive Surgery.
- Publication Details:*
Sumit Dave, Maria Helena Peralta-Del Valle, Sean Skeldon, Armando J Lorenzo, M Chad Wallis, **Darius J Bagli**, Antoine E Khoury. Bladder Trabeculations As An Indicator of Adequate Outlet Resistance In Patients With Neurogenic Bladder Undergoing Reconstructive Surgery. The Journal of Urology 2006: 175: pp 169. **Co-Principal Author.**
- 2006 Outcome Analysis of Retroperitoneal Laparoscopic Heminephrectomy in Children.
- Publication Details:*
M Chad Wallis, Antoine E Khoury, Armando J Lorenzo, Joao L Pippi-Salle, **Darius J Bagli**, Walid A Farhat. Outcome Analysis of Retroperitoneal Laparoscopic Heminephrectomy in Children. The Journal of Urology 2006: 175: pp 185. **Co-Principal Author.**

- 2006 Risk Assessment of Complex Renal Cysts Incidentally Detected in Children.
Publication Details:
M Chad Wallis, Armando J Lorenzo, Walid A Farhat, **Darius J Bagli**, Antoine E Khoury, Joao L Piip-Salle. Risk Assessment of Complex Renal Cysts Incidentally Detected in Children. The Journal of Urology 2006: 175: pp 187. **Coauthor or Collaborator.**
- 2006 Transperitoneal Laparoscopic Dismembered Pyeloplasty In Children: The First Year Experience.
Publication Details:
Braga LHP, Pippi Salle JL, Lorenzo AJ, Wallis MC, **Bagli DJ**, Khoury AE, Farhat WA. Transperitoneal Laparoscopic Dismembered Pyeloplasty In Children: The First Year Experience. Canadian Journal of Urology 2006. **Coauthor or Collaborator.**
- 2006 Artifactual Elevation of Differential Renal Function Measured by Nuclear Scintigraphy in Large Hydronephrotic Kidneys.
Publication Details:
Joao L Pippi Salle, Anthony J Cook, Frank Papanicolaou, **Darius J Bagli**, Farhat Walid, Martin Charron, Antoine E Khoury. Artifactual Elevation of Differential Renal Function Measured by Nuclear Scintigraphy in Large Hydronephrotic Kidneys. The Journal of Urology 2006: 175: pp 245. **Coauthor or Collaborator.**
- 2006 Outcome Analysis of One Stage Repair for Severe Hypospadias.
Publication Details:
Braga, LH, Pippi Salle, JL, Lorenzo, AJ, **Bagli, DJ**, Khoury, AE. Outcome Analysis of One Stage Repair for Severe Hypospadias. Urology 2006: 68(5A): pp 18. **Coauthor or Collaborator.**
- 2005 Use of Buccal Mucosa to Stimulate the Coronal Sulcus After Traumatic Penile Amputation.
Publication Details:
Cook A, Khoury AE, **Bagli D**, Farhat WA, Pippi Salle JL. Use of Buccal Mucosa to Stimulate the Coronal Sulcus After Traumatic Penile Amputation. Urology, Elsevier 2005: 66: pp 1109-1110. **Coauthor or Collaborator.**
- 2005 Matrix metalloproteinases (mmp) mediate hypoxia-induced erk 1/2 mitogen activated protein kinase (mapk) activation and bladder smooth muscle cell (bsmc) growth.
Publication Details:
Bagli D, Sabha N, Szybowska M, Jairath A. Matrix metalloproteinases (mmp) mediate hypoxia-induced erk 1/2 mitogen activated protein kinase (mapk) activation and bladder smooth muscle cell (bsmc) growth. Journal of Pediatric Urology 2005: 1(3): pp 134-135. **Principal Author.**
- 2004 Localization of matrix metalloproteinase (MMP) activity in whole organ culture of the hyperdistended bladder.
Publication Details:
Bagli D, Dessouki O, Craig L, Abrams J, Aitken K. Localization of matrix metalloproteinase (MMP) activity in whole organ culture of the hyperdistended bladder. Journal of Urology 2004: 171: pp 46-47. **Principal Author.**
- 2004 Can we predict resolution of primary non-refluxing megaureter?
Publication Details:
Papanikolaou F, Moskalyk T, Cook A, Afshar K, Farhat W, **Bagli DJ**, Pippi Salle J, Khoury AE. Can we predict resolution of primary non-refluxing megaureter? Journal of Urology 2004: 171 (4): pp 179. **Coauthor or Collaborator.**
- 2004 Efficacy of Macroplastique injection to the Bladder Neck and to Leaking Diverting Stoma for Urinary

Continence.

Publication Details:

Halachmi S, Farhat W, **Bagli D**, McLorie G, Khoury AE. Efficacy of Macroplastique injection to the Bladder Neck and to Leaking Diverting Stoma for Urinary Continence. Journal of Urology 2004: 171(4): pp 146-147. **Coauthor or Collaborator.**

2004 Outcome analysis of pediatric patients with acute scrotum.

Publication Details:

Halachmi S, Hodapp J, Mounstephen W, **Bagli DJ**, Khoury AE, Farhat W. Outcome analysis of pediatric patients with acute scrotum. Journal of Urology 2004: 171 (4): pp 146. **Coauthor or Collaborator.**

2004 Outcome of Small Residual Stone Fragments After ESWL in Children.

Publication Details:

Farhat W, Malek R, Afshar K, **Bagli DJ**, Khoury AE, McLorie GA. Outcome of Small Residual Stone Fragments After ESWL in Children. British Journal of Urology 2004: 93(2): pp 78. **Coauthor or Collaborator.**

2004 Retroperitoneal Assisted Laparoscopic Pyeloplasty in Children: A Mid-Term Follow-Up.

Publication Details:

Farhat W, Afshar K, **Bagli DJ**, Austin R, Khoury AE, Papanikolaou F. Retroperitoneal Assisted Laparoscopic Pyeloplasty in Children: A Mid-Term Follow-Up. British Journal of Urology 2004: 93 (2): pp 24-25. **Coauthor or Collaborator.**

2004 Vesicoureteral Reflux in Complete Ureteral Duplication: Conservative or Surgical Management?

Publication Details:

Afshar K, Papanikolaou F, Malek R, Farhat W, **Bagli D**, Pippi Salle JL, Khoury AE. Vesicoureteral Reflux in Complete Ureteral Duplication: Conservative or Surgical Management? Canadia Journal of Urology 2004: 11(3): pp 2257. **Coauthor or Collaborator.**

2004 Retroperitoneal assisted laparoscopic pyeloplasty (RALP) in Children: Mid-Term follow-up.

Publication Details:

Farhat W, Afshar K, Papanikolaou F, Austin R, Khoury AE, **Bagli DJ**. Retroperitoneal assisted laparoscopic pyeloplasty (RALP) in Children: Mid-Term follow-up. Journal of Urology 2004: 171(4): pp 151. **Senior Responsible Author.**

2004 Vesico-Ureteral reflux in complete ureteral duplication: Conservative or surgical management?

Publication Details:

Afshar K, Papanikolaou F, Malek R, Farhat W, **Bagli DJ**, Pippi Salle J, Khoury AE. Vesico-Ureteral reflux in complete ureteral duplication: Conservative or surgical management? Journal of Urology 2004: 171 (4): pp 48. **Senior Responsible Author.**

2003 Cell Signaling in the Neurogenic Bladder: A physiologic Role for Erk MAP Kinase.

Publication Details:

Aitken K, Abdelhady M, Hassouna M, Elmayergi N, Halachmi S, **Bagli DJ**. Cell Signaling in the Neurogenic Bladder: A physiologic Role for Erk MAP Kinase. Journal of Urology 2003: 169: pp 168. **Coauthor or Collaborator.**

2002 Physiologic proteolysis of collagen in vitro directly stimulates bladder smooth muscle cell growth.

Publication Details:

Bolduc S, Upadhyay J, Aitken KJ, **Bagli D**. Physiologic proteolysis of collagen in vitro directly stimulates

bladder smooth muscle cell growth. The Journal of Urology 2002: 167: pp 252-253. **Senior Responsible Author.**

2002 Use of the dysfunctional voiding symptom score to predict resolution of vesicoureteral reflux in children with voiding dysfunction.

Publication Details:

Upadhyay J, Farhat W, Bolduc S, Aboutaleb H, McLorie GA, Khoury AE, **Bagli DJ**. Use of the dysfunctional voiding symptom score to predict resolution of vesicoureteral reflux in children with voiding dysfunction. Journal of Urology 2002: 167(4): pp 254. **Senior Responsible Author.**

2002 Aerosol transfer of bladder urothelial and smooth muscle cells (SMC) onto de-mucosalized colonic segments: experimental study.

Publication Details:

Hafez A, **Bagli D**, Bahoric A, Aitken K, Smith C, McLorie GA, Khoury AE. Aerosol transfer of bladder urothelial and smooth muscle cells (SMC) onto de-mucosalized colonic segments: experimental study. The Journal of Urology 2002: 167: pp 58. **Coauthor or Collaborator.**

2002 Laparoscopic dismembered pyeloplasty via a retroperitoneal approach in children.

Publication Details:

EL-Ghoneimi A, Farhat W, **Bagli DJ**, Algrain Y, Khoury AE. Laparoscopic dismembered pyeloplasty via a retroperitoneal approach in children. British Journal of Urology 2002: 89: pp 78-79. **Coauthor or Collaborator.**

2002 Macroplastique injection versus extravescicle reimplantation in primary low grade vesicoureteral reflux: a comparative study.

Publication Details:

Aboutaleb H, Bolduc S, Upadhyay J, Farhat W, **Bagli D**, McLorie GA, Khoury AE. Macroplastique injection versus extravescicle reimplantation in primary low grade vesicoureteral reflux: a comparative study. American Urological Association, Orlando, Florida. The Journal of Urology 2002: 167: pp 91. **Coauthor or Collaborator.**

2002 Mentored retroperitoneal laparoscopic renal surgery in children: a safe approach to learning.

Publication Details:

EL-Ghoneimi A, Farhat W, **Bagli DJ**, McLorie GA, Khoury AE. Mentored retroperitoneal laparoscopic renal surgery in children: a safe approach to learning. Hungary. British Journal of Urology 2002: 89: pp 78. **Coauthor or Collaborator.**

2002 Natural history of neonatal reflux associated with antenatal hydronephrosis: long-term results of a prospective study.

Publication Details:

Upadhyay J, Farhat W, Bolduc S, Aboutaleb H, Geary D, **Bagli D**, Khoury AE, McLorie GA. Natural history of neonatal reflux associated with antenatal hydronephrosis: long-term results of a prospective study. The Journal of Urology 2002: 167: pp 253-254. **Coauthor or Collaborator.**

2002 Renal ultrasonography and nuclear renal scintigraphy in the evaluation of duplex systems predict the extent of histological lesions.

Publication Details:

Bolduc S, Upadhyay J, Restrepo R, Aboutaleb H, Farhat W, **Bagli DJ**, McLorie GA, Khoury AE. Renal ultrasonography and nuclear renal scintigraphy in the evaluation of duplex systems predict the extent of histological lesions. British Journal of Urology 2002: 89: pp 38. **Coauthor or Collaborator.**

2002 Retroperitoneal laparoscopic vs open partial nephroureterectomy in children.

Publication Details:

EL-Ghoneimi A, Farhat W, Bolduc S, **Bagli DJ**, McLorie GA, Khoury AE. Retroperitoneal laparoscopic vs open partial nephroureterectomy in children. British Journal of Urology 2002: 89: pp 78. **Coauthor or Collaborator.**

2002 The use of tolterodine in children after oxybutinin failure.

Publication Details:

Bolduc S, Farhat W, Upadhyay J, Payton J, **Bagli DJ**, McLorie GA, Khoury AE. The use of tolterodine in children after oxybutinin failure. British Journal of Urology 2002: 89: pp 48. **Coauthor or Collaborator.**

2002 Altered extracellular matrix activates matrix metalloproteinase 2 and 9 in normal rat bladder smooth muscle cells.

Publication Details:

Herz D, **Bagli DJ**, Aitken. Altered extracellular matrix activates matrix metalloproteinase 2 and 9 in normal rat bladder smooth muscle cells. Journal of Pediatrics/American Academy of Pediatrics New Orleans, MI 3, (2001-022002/06) **Bagli DJ**, Aitken 2002: 3. **Principal Author.**

2001 Direct stimulation of bladder smooth muscle cell (SMC) growth by altered extracellular matrix (ECM) in vitro is regulated by MAP kinase (MAPK).

Publication Details:

Herz D, Aitken K, **Bagli DJ**. Direct stimulation of bladder smooth muscle cell (SMC) growth by altered extracellular matrix (ECM) in vitro is regulated by MAP kinase (MAPK). Journal of Urology 2001: 65: pp 86. **Principal Author.**

2001 Efficacy of endoscopic subureteral macroplastique injection for the treatment of vesicoureteral reflux in children.

Publication Details:

Herz D, Capolicchio JP, Hafez AT, Merguerian PA, McLorie GA, **Bagli DJ**, Khoury AE. Efficacy of endoscopic subureteral macroplastique injection for the treatment of vesicoureteral reflux in children. Journal of Urology 2001: 165: pp 195. **Principal Author.**

2001 Mechanical stretch of bladder smooth muscle cells (SMC) in vitro reverses RHAMM and ERK mediated extracellular matrix (ECM) gene expression.

Publication Details:

Bagli DJ, Aitken K. Mechanical stretch of bladder smooth muscle cells (SMC) in vitro reverses RHAMM and ERK mediated extracellular matrix (ECM) gene expression. Journal of Urology 2001: 165: pp 144. **Principal Author.**

2001 Pathophysiology of healing of tubularized incised plate (TIP) urethroplasty: An experimental study in rabbits.

Publication Details:

Hafez AT, Smith CR, El-Ghoneimi A, McLorie Ga, **Bagli DJ**, Khoury AE. Pathophysiology of healing of tubularized incised plate (TIP) urethroplasty: An experimental study in rabbits. Journal of Urology 2001: 165: pp 192. **Principal Author.**

2001 Stretch versus contraction of bladder smooth muscle cells (SNC) evokes contrasting extracellular matrix (ECM) gene expression and extracellular regulated kinase (ERK) activation.

Publication Details:

Capolicchio JP, Aitken K, **Bagli DJ**. Stretch versus contraction of bladder smooth muscle cells (SNC) evokes contrasting extracellular matrix (ECM) gene expression and extracellular regulated kinase (ERK) activation. Journal of Urology 2001: 165: pp 145. **Principal Author.**

- 2001 Stretch-induced bladder smooth muscle cell (BSMC) proliferation is mediated by RHAMM dependent MAP Kinase (ERK) signaling.
- Publication Details:*
Bagli DJ, Aitken K, Herz D. Stretch-induced bladder smooth muscle cell (BSMC) proliferation is mediated by RHAMM dependent MAP Kinase (ERK) signaling. *Journal of Urology* 2001: 65: pp 144. **Principal Author.**
- 2001 Tunica vaginalis for correction of penile chordee: is there a difference between flap versus graft?
- Publication Details:*
Hafez At, Smith CR, El-Ghoneimi A, **Bagli DJ**, McLorie Ga, Khoury AE. Tunica vaginalis for correction of penile chordee: is there a difference between flap versus graft? *Journal of Urology* 2001: 165: pp 193. **Principal Author.**
- 2001 Altered extracellular matrix induced bladder smooth muscle cell proliferation in vitro is regulated by erk Map Kinase and Elk-1 transcription factor.
- Publication Details:*
Bagli DJ, Aitken K. Altered extracellular matrix induced bladder smooth muscle cell proliferation in vitro is regulated by erk Map Kinase and Elk-1 transcription factor. *Pediatrics* 2001. **Principal Author.**
- 2001 Altered extracellular matrix activates matrix metalloproteinase 2 and 9 in normal rat bladder smooth muscle cells.
- Publication Details:*
Herz D, **Bagli DJ**, Aitken K. Altered extracellular matrix activates matrix metalloproteinase 2 and 9 in normal rat bladder smooth muscle cells. *Pediatrics* 2001. **Senior Responsible Author.**
- 2001 Collagen remodeling by matrix metalloproteinases is mitogenic to bladder smooth muscle cells in vitro.
- Publication Details:*
Herz D, **Bagli DJ**, Aitken K. Collagen remodeling by matrix metalloproteinases is mitogenic to bladder smooth muscle cells in vitro. *Pediatrics* 2001. **Senior Responsible Author.**
- 2001 Is extracellular matrix induced proliferation of bladder smooth muscle cells reversible?
- Publication Details:*
Herz D, **Bagli DJ**, Aitken K. Is extracellular matrix induced proliferation of bladder smooth muscle cells reversible? *Pediatrics* 2001. **Senior Responsible Author.**
- 2000 RHAMM (Receptor for hyaluronic acid mediated motility) regulates prostate cancer (CAP) progression.
- Publication Details:*
Bagli DJ, Chang M. RHAMM (Receptor for hyaluronic acid mediated motility) regulates prostate cancer (CAP) progression. *The Journal of Urology* 2000: 163: pp 38. **Principal Author.**
- 2000 A population-based analysis of continence outcome in bladder exstrophy: the fate of the failed bladder neck reconstruction.
- Publication Details:*
Capolicchio JP, McLorie GA, Farhat W, Merguerian PA, **Bagli DJ**, Khoury AE. A population-based analysis of continence outcome in bladder exstrophy: the fate of the failed bladder neck reconstruction. *British Journal of Urology* 2000: 85: pp 71. **Principal Author.**
- 2000 Acellular matrix allografts a suitable substitute for bladder augmentation in a porcine model.
- Publication Details:*
Merguerian PA, Reddy PP, Barrieras DJ, **Bagli DJ**, McLorie GA, Khoury AE. Acellular matrix allografts a

suitable substitute for bladder augmentation in a porcine model. The Canadian Journal of Urology 2000: 7: pp 1007. **Principal Author.**

2000 Is a dressing really required after hypospadias surgery: results of a prospective randomized clinical trial.

Publication Details:

McLorie GA, Joyner BD, **Bagli DJ**, McCallum J, Merguerian PA, Khoury AE. Is a dressing really required after hypospadias surgery: results of a prospective randomized clinical trial. The Canadian Journal of Urology 2000: 7: pp 1013. **Principal Author.**

2000 Is it still necessary to perform a VCUG after extravesical ureteral reimplantation.

Publication Details:

Barrieras DJ, Lapointe S, Reddy PP, Williot P, McLorie GA, **Bagli DJ**, Merguerian PA, Khoury AE. Is it still necessary to perform a VCUG after extravesical ureteral reimplantation. The Canadian Journal of Urology 2000: 7: pp 1012. **Principal Author.**

2000 Peptide mimetics of the matrix hyaladherin RHAMM inhibit the early stretch induction of bladder collagen genes.

Publication Details:

Capolicchio JP, Gu JX, McMahon C, Reddy PP, **Bagli DJ**. Peptide mimetics of the matrix hyaladherin RHAMM inhibit the early stretch induction of bladder collagen genes. British Journal of Urology 2000: 85: pp 17. **Principal Author.**

2000 The dysfunctional voiding symptom score quantitative standardization and follow-up of voiding behavior in children.

Publication Details:

Farhat W, **Bagli DJ**, Capolicchio JP, O'Reilly S, Merguerian PA, Khoury AE, McLorie GA. The dysfunctional voiding symptom score quantitative standardization and follow-up of voiding behavior in children. The Canadian Journal of Urology 2000: 7: pp 1004. **Principal Author.**

2000 The natural history of neonatal vesicoureteral reflux.

Publication Details:

Farhat W, McLorie GA, Capolicchio JP, Merguerian PA, **Bagli DJ**, Khoury AE. The natural history of neonatal vesicoureteral reflux. The Canadian Journal of Urology 2000: 7: pp 1006. **Principal Author.**

2000 Tubularized incised plate hypospadias repair: evaluation of intermediate term outcome.

Publication Details:

Khoury AE, Prasad A, Merguerian PA, McLorie GA, **Bagli DJ**. Tubularized incised plate hypospadias repair: evaluation of intermediate term outcome. The Canadian Journal of Urology 2000: 7: pp 1013. **Principal Author.**

2000 A population based analysis of continence outcomes in bladder exstrophy: the fate of the failed bladder neck reconstruction.

Publication Details:

Khoury AE, Capolicchio JP, McLorie GA, Farhat W, Merguerian PA, **Bagli DJ**. A population based analysis of continence outcomes in bladder exstrophy: the fate of the failed bladder neck reconstruction. British Journal of Urology 2000: 86: pp 260. **Principal Author.**

2000 Is a dressing really required after hypospadias surgery: results of a prospective randomised clinical trial.

Publication Details:

McLorie GA, Joyner BD, **Bagli DJ**, McCallum J, Merguerian PA, Khoury AE. Is a dressing really required after hypospadias surgery: results of a prospective randomised clinical trial. British Journal of Urology

2000: 86: pp 261. **Principal Author.**

2000 Is it still necessary to perform a VCUG after extravesical ureteral reimplantion?

Publication Details:

Khoury AE, Barrieras DJ, Lapointe S, Reddy PP, Williot P, McLorie GA, **Bagli DJ**, Merguerian PA. Is it still necessary to perform a VCUG after extravesical ureteral reimplantion? The British Journal of Urology 2000: 86: pp 226. **Principal Author.**

2000 The dysfunctional voiding symptom score: quantitative standardisation and follow-up of voiding behaviour in children.

Publication Details:

McLorie GA, Farhat W, **Bagli DJ**, Capolicchio JP, O'Reilly S, Merguerian PA, Khoury, AE. The dysfunctional voiding symptom score: quantitative standardisation and follow-up of voiding behaviour in children. British Journal of Urology 2000: 86: pp 259. **Principal Author.**

2000 The natural history of neonatal vesicoureteral reflux.

Publication Details:

McLorie GA, Farhat W, Capolicchio JP, Merguerian PA, **Bagli DJ**, Khoury AE. The natural history of neonatal vesicoureteral reflux. British Journal of Urology 2000: 86: pp 227. **Principal Author.**

2000 Tubularised incised plate hypospadias repair: evaluation of intermediate term outcome.

Publication Details:

Khoury AE, Prasad A, Merguerian PA, McLorie GA, **Bagli DJ**. Tubularised incised plate hypospadias repair: evaluation of intermediate term outcome. British Journal of Urology 2000: 86: pp 263. **Principal Author.**

2000 Ultrasonographic criteria suggestive of renal injury in neonates with antenatal hydronephrosis and vesicoureteral reflux.

Publication Details:

Khoury AE, Farhat W, McLorie GA, Geary D, Capolicchio JP, **Bagli DJ**, Merguerian PA. Ultrasonographic criteria suggestive of renal injury in neonates with antenatal hydronephrosis and vesicoureteral reflux. British Journal of Urology 2000: 86: pp 229. **Principal Author.**

1999 Experience with endoscopic holmium laser in the pediatric population.

Publication Details:

Merguerian PA, Reddy PP, Barrieras D, **Bagli DJ**, McLorie GA, Khoury AE. Experience with endoscopic holmium laser in the pediatric population. Progress in Biomedical Optics 1999: 3590: pp 176. **Principal Author.**

1999 Accuracy of 3 dimensional ultrasonography in determining parenchymal volume in a rabbit model.

Publication Details:

Merguerian PA, Yap T-L, Babyn P, McLorie GA, **Bagli DJ**, Khoury AE. Accuracy of 3 dimensional ultrasonography in determining parenchymal volume in a rabbit model. The Canadian Journal of Urology 1999: 6. **Principal Author.**

1999 Experience with endoscopic holmium laser in the pediatric population.

Publication Details:

Reddy PP, Barrieras DJ, **Bagli DJ**, McLorie GA, Khoury AE, Merguerian PA. Experience with endoscopic holmium laser in the pediatric population. The Canadian Journal of Urology 1999: 6. **Principal Author.**

1999 Spongiosoplasty: reconfiguration of the distal spongiosum in hypospadias repair.

Publication Details:

Reddy PP, Barrieras DJ, Merguerian PA, **Bagli DJ**, McLorie GA, Khoury AE. Spongioplasty: reconfiguration of the distal spongiosum in hypospadias repair. The Canadian Journal of Urology 1999: 6. **Principal Author.**

1999 A prospective randomized clinical trial to evaluate methods postoperative care in hypospadias.

Publication Details:

McLorie GA, Joyner BD, **Bagli DJ**, McCallum J, Merguerian PA, Khoury AE. A prospective randomized clinical trial to evaluate methods postoperative care in hypospadias. Pediatrics 1999: 104: pp 813. **Principal Author.**

1999 Are post-operative studies justified after extravesical ureteral reimplantation?

Publication Details:

Barrieras D, Lapointe S, Reddy PP, Williot P, McLorie GA, **Bagli DJ**, Khoury AE, Merguerian PA. Are post-operative studies justified after extravesical ureteral reimplantation? Pediatrics 1999: 104: pp 827. **Principal Author.**

1999 Lessons learned from laser welding and fibrin glue pyeloplasties in an in vivo chronic porcine model.

Publication Details:

Barrieras D, Reddy PP, McLorie GA, **Bagli DJ**, Khoury AE, Lilge L, Merguerian PA. Lessons learned from laser welding and fibrin glue pyeloplasties in an in vivo chronic porcine model. Pediatrics 1999: 104: pp 839. **Principal Author.**

1999 Neonatal vesicoureteral reflux: Natural history.

Publication Details:

Farhat W, McLorie GA, Capolicchio G-P, Merguerian PA, **Bagli DJ**, Khoury AE. Neonatal vesicoureteral reflux: Natural history. Pediatrics 1999: 104: pp 825. **Principal Author.**

1999 Outcome analysis of tubularized incised plate hypospadias repair.

Publication Details:

Khoury AE, Prasad A, Merguerian PA, McLorie GA, **Bagli DJ**. Outcome analysis of tubularized incised plate hypospadias repair. Pediatrics 1999: 104: pp 847. **Principal Author.**

1999 Outcome analysis of vesicoamniotic shunt insertion for suspected bladder outlet obstruction.

Publication Details:

McLorie GA, Abdulaaly M, Khoury AE, **Bagli DJ**, Merguerian PA, Ryan G, Geary D. Outcome analysis of vesicoamniotic shunt insertion for suspected bladder outlet obstruction. Pediatrics 1999: 104: pp 860. **Principal Author.**

1999 Regeneration of functional bladder substitutes using large segment (>44 cm²).

Publication Details:

Reddy PP, Barrieras DJ, **Bagli DJ**, McLorie GA, Khoury AE, Merguerian PA. Regeneration of functional bladder substitutes using large segment (>44 cm²). Pediatrics 1999: 104: pp 808. **Principal Author.**

1999 The dysfunctional voiding scoring system (DVSS): objective criteria for evaluation of voiding dysfunction in children.

Publication Details:

Farhat W, **Bagli DJ**, Capolicchio G-P, O'Reilly S, Merguerian PA, Khoury AE, McLorie GA. The dysfunctional voiding scoring system (DVSS): objective criteria for evaluation of voiding dysfunction in children. Pediatrics 1999: 104: pp 850. **Principal Author.**

- 1998 Injuries to the genitourinary system during a posterior sagittal approach and their repair.
- Publication Details:*
McLorie GA, Merguerian PA, DeMaria JE, **Bagli DJ**, Khoury AE. Injuries to the genitourinary system during a posterior sagittal approach and their repair. *British Journal of Urology* 1998; 81: pp 76. **Principal Author.**
- 1998 Prospective outcome analysis of the feasibility and efficacy of primary valve ablation in children with posterior urethral valves.
- Publication Details:*
McLorie GA, Merguerian PA, **Bagli DJ**, Khoury AE. Prospective outcome analysis of the feasibility and efficacy of primary valve ablation in children with posterior urethral valves. *British Journal of Urology* 1998; 81: pp 50. **Principal Author.**
- 1998 Simultaneous repair of bladder exstrophy and epispadias in male infants.
- Publication Details:*
McLorie GA, Merguerian PA, **Bagli DJ**, Khoury AE. Simultaneous repair of bladder exstrophy and epispadias in male infants. *British Journal of Urology* 1998; 81: pp 81. **Principal Author.**
- 1998 Simultaneous repair of bladder exstrophy and epispadias in male infants.
- Publication Details:*
McLorie GA, Pippi Salle JL, Merguerian PA, **Bagli DJ**, Khoury AE. Simultaneous repair of bladder exstrophy and epispadias in male infants. *The Journal of Urology* 1998; 159: pp 43. **Principal Author.**
- 1998 Stretch injury in the rat bladder activates the matrix receptor RHAMM (receptor for hyaluronic acid mediated motility).
- Publication Details:*
Bagli DJ, Joyner BD, Mahoney SR. Stretch injury in the rat bladder activates the matrix receptor RHAMM (receptor for hyaluronic acid mediated motility). *The Journal of Urology* 1998; 159: pp 291. **Principal Author.**
- 1998 Physical examination and ultrasound in the assessment of cryptorchidism: the importance of examination under anesthesia.
- Publication Details:*
Kell JS, McLorie GA, Merguerian PA, **Bagli DJ**, Khoury AE. Physical examination and ultrasound in the assessment of cryptorchidism: the importance of examination under anesthesia. *The Canadian Journal of Urology* 1998; 5: pp 516. **Principal Author.**
- 1998 Prospective outcome analysis of the role of primary valve ablation in children with posterior urethral valves.
- Publication Details:*
Merguerian PA, McLorie GA, **Bagli DJ**, Khoury AE. Prospective outcome analysis of the role of primary valve ablation in children with posterior urethral valves. *The Canadian Journal of Urology* 1998; 5: pp 522. **Principal Author.**
- 1998 Renal pelvic retention time at twenty minutes (R-20) in children with hydronephrosis.
- Publication Details:*
McLorie GA, Reddy PP, Pugach J, Gilday DL, **Bagli DJ**, Merguerian PA, Khoury AE. Renal pelvic retention time at twenty minutes (R-20) in children with hydronephrosis. *The Canadian Journal of Urology* 1998; 5: pp 521. **Principal Author.**
- 1998 Antenatal diagnosis of bladder exstrophy: current status.

Publication Details:

Barrieras D, McLorie GA, Nielson B, Merguerian PA, **Bagli DJ**, Khoury AE. Antenatal diagnosis of bladder exstrophy: current status. *Pediatrics* 1998; 102: pp 866. **Principal Author.**

1998 Initial experience with endoscopic holmium laser lithotripsy for pediatric urolithiasis.

Publication Details:

Reddy PP, Merguerian P, Barrieras D, **Bagli DJ**, McLorie GA, Khoury AE. Initial experience with endoscopic holmium laser lithotripsy for pediatric urolithiasis. *Pediatrics* 1998; 102: pp 876. **Principal Author.**

1998 Prostate specific antigen in the study of dysfunctional voiding.

Publication Details:

Reddy PP, **Bagli DJ**, Diamandis EP, Melegos DN, Barrieras D, Merguerian P, McLorie GA, Khoury AE. Prostate specific antigen in the study of dysfunctional voiding. *Pediatrics* 1998; 102: pp 839. **Principal Author.**

1998 Urinary retention after bilateral extravesical ureteral reimplantation: Does dissection distal to the ureteral orifice play a role?

Publication Details:

Barrieras D, Lapointe S, Merguerian PA, Williot P, McLorie GA, **Bagli DJ**, Khoury AE. Urinary retention after bilateral extravesical ureteral reimplantation: Does dissection distal to the ureteral orifice play a role? *Pediatrics* 1998; 102: pp 870. **Principal Author.**

1998 Physical examination and ultrasound in the assessment of cryptorchidism, the importance of examination under anaesthesia.

Publication Details:

Kell JS, McLorie GA, Merguerian PA, **Bagli DJ**, Khoury AE. Physical examination and ultrasound in the assessment of cryptorchidism, the importance of examination under anaesthesia. *The Journal of Urology* 1998; 159: pp 157. **Coauthor or Collaborator.**

1998 Successful rabbit ureteral tissue welding at room temperature.

Publication Details:

Pugach JL, Merguerian PA, Lilge L, McLorie GA, **Bagli DJ**, Khoury AE. Successful rabbit ureteral tissue welding at room temperature. *The Journal of Urology* 1998; 159: pp 79. **Coauthor or Collaborator.**

1997 Extracellular matrix receptor R.

Publication Details:

Joyner BD, Mahoney SR, **Bagli DJ**. Extracellular matrix receptor R. H.A.M.M. in the urinary bladder. *The Canadian Journal of Urology* 1997; 4: pp 353. **Principal Author.**

1997 Factors contributing to local recurrence of wilms' tumor: a retrospective review.

Publication Details:

Preiner JL, McLorie GA, **Bagli DJ**, Babyn P, Whitteley G, Weitzman S, Khoury AE. Factors contributing to local recurrence of wilms' tumor: a retrospective review. *Canadian Journal of Urology* 1997; 4: pp 338. **Principal Author.**

1997 The role of R.

Publication Details:

Bagli DJ, Mahoney S, Turley EA. The role of R. H.A.M.M. in prostate cancer progression. *The Canadian Journal of Urology* 1997; 4: pp 352. **Principal Author.**

- 1997 Artificial neural networks in pediatric urology: prediction of sonographic outcome following pyeloplasty.
- Publication Details:*
Agarwal SK, **Bagli DJ**, Venkateswaran S, Shuckett B, Khoury AE, Merguerian PA, McLorie GA. Artificial neural networks in pediatric urology: prediction of sonographic outcome following pyeloplasty. *Pediatrics* 1997; 100: pp 535. **Principal Author.**
- 1997 Assessment of differential renal function (DRF) in the presence of partial unilateral ureteral obstruction: correlation of DMSA and DTPA renal scans with inulin clearance.
- Publication Details:*
Pippi Salle JL, Homayoon K, Agarwal SK, **Bagli DJ**, Gilday DL, McLorie GA, Khoury AE. Assessment of differential renal function (DRF) in the presence of partial unilateral ureteral obstruction: correlation of DMSA and DTPA renal scans with inulin clearance. *British Journal of Urology* 1997; 80: pp 306. **Principal Author.**
- 1997 Factors contributing to local recurrence of wilms' tumor: a retrospective review.
- Publication Details:*
Preiner JL, McLorie GA, **Bagli DJ**, Babyn P, Whittleley G, Weitzman S, Khoury AE. Factors contributing to local recurrence of wilms' tumor: a retrospective review. *British Journal of Urology* 1997; 80: pp 165. **Principal Author.**
- 1997 Modified technique for bladder neck closure as a salvage procedure for intractable incontinence in children.
- Publication Details:*
Agarwal SK, Khoury AE, **Bagli DJ**, Pippi Salle JL, McLorie GA. Modified technique for bladder neck closure as a salvage procedure for intractable incontinence in children. *British Journal of Urology* 1997; 80: pp 168. **Principal Author.**
- 1997 Primary reconstructive surgery in rhabdomyosarcoma of the lower urinary tract.
- Publication Details:*
Agarwal SK, Merguerian PA, **Bagli DJ**, Khoury AE, McLorie GA. Primary reconstructive surgery in rhabdomyosarcoma of the lower urinary tract. *Pediatrics* 1997; 100: pp 565. **Principal Author.**
- 1997 The utility of dimercaptosuccinic acid (DMSA) renal scanning in the evaluation of children with primary vesicoureteral reflux.
- Publication Details:*
Merguerian PA, Jamal MA, Agarwal SK, McLorie GA, **Bagli DJ**, Khoury AE. The utility of dimercaptosuccinic acid (DMSA) renal scanning in the evaluation of children with primary vesicoureteral reflux. *Pediatrics* 1997; 100: pp 544. **Principal Author.**
- 1997 Are valsalva and detrusor leak point pressures (LPP) equivalent in children with neurogenic bladder?
- Publication Details:*
Agarwal SK, McLorie GA, **Bagli DJ**, Merguerian PA, Khoury AE. Are valsalva and detrusor leak point pressures (LPP) equivalent in children with neurogenic bladder? *Journal of Urology Supplement* 1997; 157: pp 1. **Co-Principal Author.**
- 1997 Assessment of differential renal function (DRF) in the presence of partial unilateral ureteral obstruction: correlation of DMSA and DTPA renal scans with inulin clearance.
- Publication Details:*
Salle JLP, Homayoon K, Agarwal SK, **Bagli DJ**, Gilday DL, McLorie GA, Khoury AE. Assessment of differential renal function (DRF) in the presence of partial unilateral ureteral obstruction: correlation of

DMSA and DTPA renal scans with inulin clearance. Journal of Urology Supplement 1997: 157: pp 245.
Co-Principal Author.

1997 Determining factor in the contraction of de-epithelialized gastric flap for bladder augmentation.

Publication Details:

Salle JLP, Homayoon K, Agarwal SK, **Bagli DJ**, McLorie GA, Khoury AE. Determining factor in the contraction of de-epithelialized gastric flap for bladder augmentation. Journal of Urology Supplement 1997: 157: pp 198. **Co-Principal Author.**

1997 Comparison of urodynamic changes between refluxing children with myelodysplasia (MMC) and control population.

Publication Details:

Agarwal SK, McLorie GA, Grewal D, Merguerian PA, **Bagli DJ**, Khoury AE. Comparison of urodynamic changes between refluxing children with myelodysplasia (MMC) and control population. The Canadian Journal of Urology 1997: 4: pp 338. **Co-Principal Author.**

1997 The impact of clinical evaluation on the intra-operative management of hypospadias repair.

Publication Details:

Joyner BD, McLorie GA, Van Savage JG, **Bagli DJ**, Merguerian PA, Khoury AE. The impact of clinical evaluation on the intra-operative management of hypospadias repair. The Canadian Journal of Urology 1997: 4: pp 338. **Co-Principal Author.**

1997 The utility of dimercaptosuccinic acid renal scanning in following children children with primary vesicoureteral reflux.

Publication Details:

Jamal M, Agarwal SK, Merguerian PA, McLorie GA, **Bagli DJ**, Khoury AE. The utility of dimercaptosuccinic acid renal scanning in following children children with primary vesicoureteral reflux. The Canadian Journal of Urology 1997: 4: pp 342. **Co-Principal Author.**

1996 Antenatal diagnosis & treatment of fetal hydronephrosis -- An uncertain outcome.

Publication Details:

McLorie G, Khoury A, Agarwal S, Salle J, **Bagli D**. Antenatal diagnosis & treatment of fetal hydronephrosis -- An uncertain outcome. Journal of Urology 1996: 155: pp 314A. **Coauthor or Collaborator.**

1996 Urethral lengthening with anterior bladder wall flap: Follow-up and extended indications of the technique.

Publication Details:

Salle JP, Khoury A, McLorie G, **Bagli DJ**. Urethral lengthening with anterior bladder wall flap: Follow-up and extended indications of the technique. Journal of Urology 1996: 155: pp 482A. **Coauthor or Collaborator.**

1996 Urodynamic correlation of resolution of reflux in myelomeningocele patients.

Publication Details:

Agarwal SK, McLorie GA, Salle JP, **Bagli D**, Khoury AE. Urodynamic correlation of resolution of reflux in myelomeningocele patients. Journal of Urology 1996: 155: pp 525A. **Coauthor or Collaborator.**

1996 Antenatal diagnosis and treatment of fetal hydronephrosis - an uncertain outcome.

Publication Details:

McLorie GA, Khoury AE, Agarwal SK, Salle JL, **Bagli DJ**. Antenatal diagnosis and treatment of fetal hydronephrosis - an uncertain outcome. The Canadian Journal of Urology 1996: 3: pp A45. **Co-Principal Author.**

- 1996 Diagnosis and management of anterior urethral valves does antenatal diagnosis influence outcome?
- Publication Details:*
McLorie GA, Khoury AE, Salle JP, **Bagli DJ**, Van Savage JG. Diagnosis and management of anterior urethral valves does antenatal diagnosis influence outcome? The Canadian Journal of Urology 1996: 3: pp A45. **Co-Principal Author.**
- 1996 Prepubertal testicular & paratesticular tumours.
- Publication Details:*
Farivar-Mohseni H, **Bagli DJ**, McLorie G, Salle JP, Khoury A. Prepubertal testicular & paratesticular tumours. Journal of Urology 1996: 155: pp 392A. **Principal Author.**
- 1996 Basic fibroblastic growth factor in the urine of children with myelodysplasia - A potential marker of bladder pathology.
- Publication Details:*
Van Savage JG, Khoury AE, McLorie GA, Pippi Salle JL, Carr M, **Bagli DJ**. Basic fibroblastic growth factor in the urine of children with myelodysplasia - A potential marker of bladder pathology. American Academy of Pediatrics, Supplement 1996: pp 615. **Principal Author.**
- 1996 Factors contributing to local recurrence of wilms' tumour: A retrospective review.
- Publication Details:*
Preiner J, McLorie GA, **Bagli DJ**, Pippi Salle JL, Whittleley G, Weitzman S, Khoury AE. Factors contributing to local recurrence of wilms' tumour: A retrospective review. American Academy of Pediatrics, Supplement 1996: pp 633. **Principal Author.**
- 1996 Management and outcome of anterior urethral valves in the era of antenatal sonography.
- Publication Details:*
Van Savage JG, Khoury AE, McLorie GA, **Bagli DJ**, Pippi Salle JL. Management and outcome of anterior urethral valves in the era of antenatal sonography. American Academy of Pediatrics, Supplement 1996: pp 634. **Principal Author.**
- 1996 Modified technique for bladder neck closure as a salvage procedure for intractable incontinence in children.
- Publication Details:*
Agarwal SK, Khoury AE, **Bagli DJ**, Pippi Salle JL, McLorie GA. Modified technique for bladder neck closure as a salvage procedure for intractable incontinence in children. American Academy of Pediatrics, Supplement 1996: pp 600. **Principal Author.**

Other Lectures and Papers

- 2007 Jun 16 Research Ethics Considerations for Tissue Engineering Clinical Trials. Tissue Engineering and Regenerative Medicine International Society. Toronto, Ontario.
- 2007 Apr 27 What the Practitioner Should Know to Manage Paediatric Urology Cases: "Evaluation and Treatment of Lower Urinary Tract Dysfunction in Children. Paediatric Update 2007. Toronto, Ontario.
- 2004 Oct 15 Ethics. University of Toronto (Urology School). Toronto, Ontario.
- 2003 Nov 14 Surgical Innovation- The HSC Experience in setting up the process. University Health Network Surgery Grand Rounds. Toronto, Ontario.
- 2001 May 4 Paediatric urology for the practitioner. Hospital for Sick Children, Department of Pediatrics. Toronto, Ontario.

Darius Jehan BÄGLI

- 2000 Nov 10 Pediatric Urology. University of Toronto Urology Update 2000. Toronto, Ontario. Panel discussion and case presentations. Responsible for Major Design of Course). Nov 10, 2000 - Nov 11, 2000. (Continuing Education).
- 2000 Nov Contenance issues in children with emphasis on spina bifida and pediatric voiding dysfunction. Canadian conference on Contenance Awareness. Hamilton, Ontario.
- 2000 Nov Evaluation and management of voiding dysfunction and urinary tract infections in children. University of Toronto, Med IV students. Toronto, Ontario.
- 1999 Nov 5 Vesicoureteral reflux, ureteropelvic junction obstruction, penile curvature. University of Toronto Urology Update 1999. Toronto, Ontario. Panel discussion and case presentation. Nov 5, 1999 - Nov 6, 1999.
- 1999 Oct 29 Neurourology for neurosurgeons. Division of Neurosurgery, University of Toronto. Toronto, Ontario.
- 1999 Jun Cell/extra-cellular matrix interaction in bladder pathology. IIR Programme, The Hospital for Sick Children. Toronto, Ontario.
- 1997 May 27 Cell-matrix interaction in urologic disease. Surgical Research Seminar, The Hospital for Sick Children. Toronto, Ontario.
- 1997 Mar 15 Molecular biology of pediatric bladder disease. Nephrology Research Seminar, The Hospital for Sick Children. Toronto, Ontario.
- 1997 Feb 7 Extracellular matrix receptor in metastasis and wound repair. University of Toronto, Gallie Day. Toronto, Ontario.
- 1997 Feb Extracellular matrix receptor RHAMM in urologic disease. Robson Urology Faculty Research Seminar. Toronto, Ontario.
- 1996 Sep How To Pick a Research Project. Urology Resident Research Seminar Series. Toronto, Ontario.

Poster Presentations and Scientific Exhibits

- 2009 Oct 16 Ultrasound Estimate of Testicular Volume as An Indication for Adolescent Varicocele: Impact of Formula Choice and Measurement Error On Size Discrepancy. American Academy of Pediatrics. Moore, K., Bruno, L., El-Hout, Y., Grober, E., Pippi Salle, JL., **Bagli, DJ.**, Farhat, WA., Lorenzo, AJ. (Unmoderated Poster) Oct 16, 2009 - Oct 17, 2009.
- 2009 May 6 Does Bilateral Ureteral Reimplantation at The Time of Primary Bladder Exstrophy Closure (CPRE-BUR) Protect the Upper Tracts? European Society for Paediatric Urology, Annual Meeting. Amsterdam, Netherlands. Pipp-Salle, JL, Braga, LH., Lorenzo, AJ., **Bagli, DJ.** (Podium Presentation) May 6, 2009 - May 9, 2009.
- 2009 May 6 Increased DNMT1 Expression and Activity in Uroepithelial Cells Following Uropathogenic E.Coli Infection. European Society for Paediatric Urology, Annual Meeting. Amsterdam, Netherlands. Sabha, N., Aitken, K., Tolg, C., Panchal T., **Bagli, DJ.** (Podium Presentation) May 6, 2009 - May 9, 2009.
- 2009 May 6 Outcome of Antibiotic Prophylaxis Cessation in Patients with Persistent Vesico-Ureteral Reflux Who Initially Present with a Febrile Urinary Tract Infection. European Society for Paediatric Urology, Annual Meeting. Amsterdam, Netherlands. Leslie, B., Moore, K., **Bagli, DJ.**, Farhat, WA., Khoury, AE., Pippi-Salle, JL. Lorenzo, AJ. (Oral) May 6, 2009 - May 9, 2009.
- 2009 May 6 Prospective Cost- Analysis of Laparoscopic vs Open Pyeloplasty in Children: Single Center Comtemporary Evaluation of Two Procedures Over a OneYear Period. European Society for Paediatric Urology, Annual Meeting. Amsterdam, Netherlands. Moore, K., Farhat, WA, Leslie, B. El-Hout, Y., **Bagli, DJ.**, Pippi-Salle, JL., Lorenzo, AJ. (Oral) May 6, 2009 - May 9, 2009.
- 2009 Apr 25 A Longitudinal Observational Study of Flow Rate (FR) Parameters in a Complication-Free Distal Hypospadias Cohort Following Tubularized Incised Plate (TIP) Repair. American Urological Association,

- Annual Meeting. Chicago, Illinois. El-Hout, Y., **Bagli, DJ.**, Farhat, WA., Braga, LHP., Pippi Salle, JL., Lorenzo, AJ. (Moderated Poster) Apr 25, 2009 - Apr 30, 2009.
- 2009 Apr 25 Assessment of Urethral Plate (UP) Appearance Through Digital Photography: Do Pediatric Urologists Agree in Their Impressions of UP in Children Hypospadias? American Urological Association, Annual Meeting. Chicago, Illinois. El-Hout, Y., Braga, LH., Pippi Salle, JL., **Bagli, DJ.**, Lorenzo, AJ. (Moderated Poster) Apr 25, 2009 - Apr 30, 2009.
- 2009 Apr 25 Beta-Catenin Target Genes Are Upregulated During Partial Bladder Outlet Obstruction and Inhibited by Rapamycin. American Urological Association, Annual Meeting. Chicago, Illinois. Leslie, B., Aitken, KJ., Moore, K., Panchal, T., Elkelini, M., Sabha, NS., Hassouna, MM., Tolg, C., **Bagli, DJ.** (Podium) Apr 25, 2009 - Apr 30, 2009.
- 2009 Apr 25 Bladder Smooth Muscle Cell Growth is Mediated by Mammalian Target of Rapamycin (MTOR). American Urological Association, Annual Meeting. Chicago, Illinois. Aitken, KJ., Tolg, C., Panchal, T., Yu, Jeffery, Sabha, NS., Leslie, B., **Bagli, DJ.** (Podium) Apr 25, 2009 - Apr 30, 2009.
- 2009 Apr 25 Differentiation of Skin Derived Stem Cells Into Bladder Smooth Muscle Cells. American Urological Association, Annual Meeting. Chicago, Illinois. Tolg, C., Biernaskie, J., Chi, L., Aitken, KJ., Ahsan, A., Rosenblum, N., Miller, F., **Bagli, DJ.** (Moderated Poster) Apr 25, 2009 - Apr 30, 2009.
- 2009 Apr 25 Increased Bladder Capacity Develops With Age, Regardless of Initial Treatment: A Single Center 15-Year Longitudinal Follow-Up Study in Patients with Posterior Urethral Valves (PUV). American Urological Association, Annual Meeting. Chicago, Illinois. Braga, LH., Lorenzo, AJ., Assai, A., Leslie, B., Farhat, WA., **Bagli, DJ.**, Pippi Salle, JL., Khoury, AE. (Moderated Poster) Apr 25, 2009 - Apr 30, 2009.
- 2009 Apr 25 Is It Reasonable to Observe Patient with Persistent Vesico-Ureteral Reflux After Failed First Endoscopic Injection? American Urological Association, Annual Meeting. Chicago, Illinois. Moore, K., Leslie, B., Lorenzo, AJ., Pippi Salle, JL., Farhat, WA., Bagli, DJ. (Podium) Apr 25, 2009 - Apr 30, 2009.
- 2009 Apr 25 Outcome of Antibiotic Prophylaxis Cessation in Patients with Persistent Vesico-Ureteral Reflux who Initially Presented with a Febrile Urinary Tract Infection. American Urological Association, Annual Meeting. Chicago, Illinois. Leslie, B., Moore, K., **Bagli, DJ.**, Farhat, WA., Cook, A., Khoury, AE., Pippi Salle, JL. (Podium) Apr 25, 2009 - Apr 30, 2009.
- 2009 Apr 25 Preliminary Assessment of a Mathematical Model to Predict Penile Length After Dorsal Plication in Hypospadias Repair. American Urological Association, Annual Meeting. Chicago, Illinois. El-Hout, Y., Lorenzo, AJ., Khoury, AE., Farhat, WA., **Bagli, DJ.**, Pippi Salle, JL. (Moderated Poster) Apr 25, 2009 - Apr 30, 2009.
- 2009 Apr 2 Outcome of Antibiotic Prophylaxis Cessation in Patients with Persistent Vesico-Ureteral Reflux who Initially Presented with a Febrile Urinary Tract Infection. Charles J. Robson Research Day, University of Toronto, Dept. of Surgery, Division of Urology, Annual. Toronto, Ontario. Leslie, B., Moore, K., Farhat, WA., **Bagli, DJ.**, Pippi Salle, JL., Lorenzo, AJ. (Podium).
- 2008 Jun 22 Outcome Analysis of Different Pyeloplasty Approaches in an Age-matched Pediatric Cohort. Canadian Urological Association, Annual Meeting. Edmonton, Alberta. Braga, LP., Lorenzo, AJ., Mahdi, M., **Bagli, DJ.**, Khoury, AE., Farhat, W. (Moderated Poster) Jun 22, 2008 - Jun 25, 2008.
- 2008 May Gender-Based Outcome Analysis After Complete Primary Repair of Bladder Exstrophy (CPRE). American Urological Association, Annual Meeting. Orlando, Florida. Braga, LH., Armando, JL., Jreaz, R., **Bagli, DJ.**, Farhat, WA., Pippi Salle, JL., Khoury, AE. (Moderated Poster Sessions) , , Fl.
- 2008 May Hypertension in Children with Poorly Functioning Kidney: Predictors of Resolution After Nephrectomy. American Urological Association, Annual Meeting. Orlando, Florida. El-Hout, Y., Licht, C., Eeg, KR., Lorenzo, AJ., Pippi Salle, JL., **Bagli, DJ.**, Khoury, AE. (Podium Presentation).
- 2008 May Serial Imaging Studies After Renal Trauma in Children - Is Ultrasound Enough? American Urological Association, Annual Meeting. Orlando, Florida. Eeg, KR., Halachmi, S., Braga, LH., Farhat, WA., **Bagli, DJ.**, Pippi Salle, JL., Khoury, AE. (Moderated Poster Session).

- 2008 May Should We Still Use Onlay Island Flap for Penoscrotal Hypospadias Repair? American Urological Association, Annual Meeting. Orlando, Florida. Braga, LH., Lorenzo, AJ., El-Hout, Y., Farhat, WA., **Bagli, DJ.**, Khoury, AE., Pippi Salle, JL. (Podium Session).
- 2007 Oct 26 Rapamycin Inhibits Stretch-Induced Proliferation and Signaling Through Ribosomal S6 Kinase in Bladder Smooth Muscle Cells. American Academy of Pediatrics, Section on Urology, Annual Meeting. San Francisco. **Bagli, DJ.**, Aitken, KJ., Tse, DJ., Lorenzo, AJ., Tolg, C. (poster) Oct 26, 2007 - Oct 29, 2007.
- 2006 Nov 14 LongTerm Outcome of Ventral Penile Lengthening for Correction of Severe Curvature in Boys with Proximal Hypospadias. Societe Internationale Urologie, Annual Meeting. Cape Town, South Africa. Braga L, Pippi Salle JL, Lorenzo A, **Bagli DJ**, Khoury AE. (Moderated Poster Sessions).
- 2006 Nov 14 One Stage Repair for Proximal Hypospadias. Societe Internationale Urologie, Annual Meeting. Cape Town, South Africa. Braga L, Pippi Salle JL, Lorenzo A, **Bagli DJ**, Khoury AE. (Podium Presentation).
- 2006 Nov 12 The Search for Predictive Factors in Patients with Posterior Urethral Valves: Analysis of a Single Institution experience Over 20 Years. Societe Internationale Urologie, Annual Meeting. Cape Town, South Africa. Lorenzo A, Macedo N, Cook A, Del Valle M, **Bagli DJ**, Khoury A, Pippi Salle JL. (Moderated Poster Sessions) Nov 12, 2006 - Nov 16, 2006.
- 2006 Oct 6 Activation of Bladder Smooth Muscle Mitogen-Activated Protein Kinase and Stimulation of Cellular Proliferation is Induced by Mechanical or Cholinergic Stimulation and Modulated by Oxybutynin and PD 98059. American Academy of Pediatrics, Annual Meeting. Atlanta, Georgia. Lorenzo AJ, Sabha N, Aitken K, **Bagli DJ.** (Poster) Oct 6, 2006 - Oct 9, 2006.
- 2006 Oct 6 Discontinuation of Prophylaxis in Older Children with Ongoing VUR Is Safe: Initial Logistic Regression Analysis of a Non-Standardized Cohort. American Academy of Pediatrics, Annual Meeting. Atlanta, Georgia. Cook, AJ, Lorenzo AJ, Wallis C, Khoury AE, **Bagli DJ**, Pippi Salle JL. (Poster) Oct 6, 2006 - Oct 9, 2006.
- 2006 Oct 6 Long-Term Outcome of Ventral Penile Lengthening for Correction of Severe Curvature in Boys with Proximal Hypospadias. American Academy of Pediatrics, Annual Meeting. Atlanta, Georgia. Braga LHP, Pippi Salle JL, Lorenzo AJ, **Bagli DJ**, Khoury AE. (Poster) Oct 6, 2006 - Oct 9, 2006.
- 2006 Oct 6 Non-Ablative Dismembered Clitoroplasty: A Potentially Reversible Technique for Feminizing Genitoplasty. American Academy of Pediatrics, Annual Meeting. Atlanta, Georgia. Pippi Salle JL, Braga LHP, Macedo N, Rosito N, **Bagli DJ.** (Poster) Oct 6, 2006 - Oct 9, 2006.
- 2006 Oct 6 What Is the Variability in Urodynamic Parameters with Position Change in a Pediatric Population. American Academy of Pediatrics, Annual Meeting. Atlanta, Georgia. Lorenzo AJ, Wallis C, Cook A, Fairen A, Bozic D, **Bagli DJ**, Khoury AE, Pippi Salle JL. (Poster) Oct 6, 2006 - Oct 9, 2006.
- 2006 Jun 26 Neonatal Torsion: Urgent exploration or Conservative Treatment. Canadian Urological Association, 61st Annual Meeting. Halifax, Nova Scotia. Miccekson J, Cook A, Khoury AE, **Bagli DJ**, Farhat W, Pippi Salle JL. (Poster) Jun 26, 2006 - Jun 29, 2006.
- 2006 Jun 26 Predisposing Factors for the Development of Neurogenic Bladder in Patients with Anorectal Malformation. Canadian Urological Association, 61st. Annual Meeting. Halifax, Nova Scotia. Braga L, Delvalle MH, Wallis MC, Farhat W, **Bagli DJ**, Khoury AE, Pippi Salle JL. (Poster) Jun 26, 2006 - Jun 29, 2006.
- 2006 Jun 26 Transperitoneal Laparoscopic Dismembered Pyeloplasty in Children: The first year experience. Canadian Urological Association, 61st Annual Meeting. Halifax, Nova Scotia. Braga L, Pippi Salle JL, Lorenzo A, Wallis MC, Farhat W, **Bagli DJ**, Khoury AE, Farhat W. (Poster) Jun 26, 2006 - Jun 29, 2006.
- 2006 Jun 25 Tips and Tricks for Pediatric Laparoscopic Pyeloplasty. Canadian Urological Association, Annual Meeting. Halifax, Nova Scotia. Wallis, MC., Lorenzo, AJ., Macedo, NA., Pippi Salle, JL., **Bagli, Dj.**, Khoury, Ae., Farhat, WA. (Video) Jun 25, 2006 - Jun 29, 2006.
- 2006 May 22 Additive Effect On ERK1/2 Map Kinase Activation by Neuro-Humoral and Mechanical Stimulation: Inhibition by Oxybutinin Hydrochloride. American Urological Association, Annual Meeting. Atlanta,

Georgia. Armando J Lorenzo, Nesrin Sabha, Karen Aitken, **Bagli DJ**. ((Poster)).

- 2006 May 22 Artifactual Elevation of Differential Renal Function Measured by Nuclear Scintigraphy in Large Hydronephrotic Kidneys. American Urological Association, Annual Meeting. Atlanta, Georgia. Joao L Pippi Salle, Anthony J Cook, Frank Papanicolaou, **Bagli DJ**, Walid Farhat Martin Charron, Antoine E Khoury. ((Poster)).
- 2006 May 22 Bladder Trabeculations as an Indicator of Adequate Outlet Resistance in Patients with Neurogenic Bladder Undergoing Reconstructive Surgery. American Urological Association, Annual Meeting. Atlanta, Georgia. Sumit Dave, Maria Helena Peralta-Del Valle, Sean Skeldon Armando J Lorenzo, M Chad Wallis, **Bagli DJ**, Antoine E Khoury. (Poster).
- 2006 May 22 Outcome Analysis of Retroperitoneal Laparoscopic Heminephrectomy in Children. American Urological Association, Annual Meeting. Atlanta, Georgia. Chad Wallis, Antoine E Khoury, Armando J Lorenzo, Pippi Salle JL, **Bagli DJ**, Walid A Farhat. (Poster).
- 2006 May 22 Risk Assessment of Complex Renal Cysts Incidentally Detected in Children. American Urological Association, Annual Meeting. Atlanta, Georgia. Chad Wallis, Armando J Lorenzo, Walid A Farhat, **Bagli DJ**, Antoine E Khoury, Pippi Salle JL. (Poster).
- 2006 May 20 Bladder Trabeculations as an Indicator of Adequate Outlet Resistance in Patients with Neurogenic Bladder Undergoing Reconstructive Surgery. American Urological Association, Annual Meeting. Atlanta, Georgia. Daves, S. , Peralta- Del Valle, MH., Skeldon,S., Lorenzo, AJ., Wallis, MC., **Bagli, DJ**, Khoury, AE. (poster) May 20, 2006 - May 23, 2006.
- 2006 May 20 Outcome Analysis of Retroperitoneal Laparoscopic Heminephrectomy in Children. American Urological Association, Annual Meeting. Atlanta, Georgia. Wallis, MC., Khoury, AE., Lorenzo, AJ., Pippi Salle, JL., **Bagli, DJ**, Farhat, WA. (Poster) May 20, 2006 - May 23, 2006.
- 2005 Jun 25 Cost Analysis of Current Treatment Modalities for Unilateral Vesico-Ureteral Reflux Diagnosed after a Urinary Tract Infection. Canadian Urological Association, Annual Meeting. Ottawa, Ontario. Lorenzo A, Wallis C, Farhat W, **Bagli DJ**, Pippi Salle JL, Khoury AE. (Poster Presentation) Jun 25, 2005 - Jun 29, 2005.
- 2004 Oct 8 Selective Gene Expression Responses to Distention in An Ex Vivo Model of Bladder Stretch Injury. American Academy of Pediatrics, Annual Meeting. San Francisco, California. Estrada C, Adam RM, Eaton S, **Bagli DJ**, Freeman M. (Poster Presentation (Session 4)) Oct 8, 2004 - Oct 12, 2004.
- 2004 Jun 27 Non-Radical surgery for Benign Testicular Tumors. Canadian Urological Association, Annual Meeting. Whistler, British Columbia. Metcalfe PD, Farhat W, Khoury AE, McLorie GA, **Bagli DJ**. (Poster Presentation) BC, Jun 27, 2004 - Jul 2, 2004.
- 2004 Jun 27 Outcome analysis of classic cloacal exstrophy. Canadian Urological Association, Annual Meeting. Whistler, British Columbia. Metcalfe P, Farhat W, **Bagli DJ**, McLorie GA, Khoury AE. (Poster Presentation) Jun 27, 2004 - Jul 2, 2004.
- 2004 Jun 27 The development of laparoscopic surgical skills in children: 2-year outcome of a mentorship-training model. Canadian Urological Association, Annual Meeting. Whistler, British Columbia. Cook A, Khoury AE, Cartwright L, El-Ghoneimi A, McLorie GA, **Bagli DJ**, Farhat W. (Poster Presentation) Jun 27, 2004 - Jul 2, 2004.
- 2004 Jun 27 Vesico-Ureteral Reflux in Complete Ureteral Duplication Conservative or Surgical Management. Canadian Urological Association, Annual Meeting. Whistler, British Columbia. Afshar K, Papanikolaou F, Malek R, Farhat W, **Bagli D**, Pippi Salle JI, Khoury AE. (Poster Session D-1) Jun 27, 2004 - Jun 30, 2004.
- 2004 May 18 Retroperitoneal assisted laparoscopic pyeloplasty (RALP) in Children: Mid-Term follow-up. Annual Meeting. San Francisco, California. Farhat W, Afshar K, Papanikolaou F, Austin R, Khoury AE, **Bagli DJ**. (Poster Presentation) May 8, 2004 - May 13, 2004.
- 2004 May 8 Efficacy of macroplastique injection to the bladder neck and to leaking diverting stoma for urinary

- continence. American Urological Association, Annual Meeting. San Francisco, California. Halachmi S, Farhat W, **Bagli DJ**, McLorie G, Khoury AE. (Poster Presentation) May 8, 2004 - May 13, 2004.
- 2004 May 8 Outcome analysis of pediatric patients with acute scrotum. American Urological Association, Annual Meeting. San Francisco, California. Halachmi S, Hodapp J, Mounstephen W, **Bagli DJ**, Khoury AE, Farhat W. (Poster Presentation) May 8, 2004 - May 13, 2004.
- 2004 May 5 Retroperitoneal assisted laparoscopic pyeloplasty (RALP) in Children: Mid-Term follow up. 13th Annual Congress for Endosurgery in Children, Annual Meeting. Maui, Hawaii. Farhat W, Afshar K, Papanikolaou F, Austin R, Khoury AE, **Bagli DJ**. (Poster Presentation) May 5, 2004 - May 8, 2004.
- 2004 Apr 19 Outcome of Small Residual Stone Fragments Following Lithotripsy in Children. European Society for Pediatric Urology, Annual Meeting. Regensburg, Germany. Afshar K, McLorie G, Papanikolaou F, Malek R, **Bagli D**, Pippi Salle JL, Khoury AE, Farhat W. (Poster Presentation) Apr 19, 2004 - Apr 25, 2004.
- 2004 Apr 19 Retroperitoneal Assisted Laparoscopic Pyeloplasty (RALP) in Children: Initial Experience. European Society for Pediatric Urology, Annual Meeting. Regensburg, Germany. Farhat W, Afshar K, Papanikolaou F, Austin R, Khoury A, **Bagli DJ**. (Poster Presentation) Apr 19, 2004 - Apr 25, 2004.
- 2003 Nov 1 Function of type IV pili in pseudomonas aeruginosa biofilm development. American Society for Microbiology's Biofilms, annual meeting. Victoria, British Columbia. Chiang P, Burrows LL. (Poster Presentation Abstract #14) Nov 1, 2003 - Nov 4, 2003.
- 2003 Nov 1 Induction of helical structure in novel antimicrobial peptides by biofilms of pseudomonas aeruginosa. American Society for Microbiology's Biofilms, Annual Meeting. Victoria, British Columbia. Chan C, Burrows LL, Deber CM. (Poster Presentation Abstract #13) Nov 1, 2003 - Nov 4, 2003.
- 2003 Nov 1 Use of IBET(in biofilm expression technology) to identify novel genes involved in pseudomonas aeruginosa biofilm development. American Society for Microbiology's Biofilms, Annual Meeting. Victoria, British Columbia. Burrows LL, Finelli A, Gallant CV. (Poster Presentation Abstract #196) Nov 1, 2003 - Nov 4, 2003.
- 2003 Oct 31 Matrix contraction by bladder smooth muscle cells (BSMC) is mediated by extracellularregulated kinase (ERK) MAP kinase. American Academy of Pediatrics, Annual Meeting. New Orleans, Louisiana. Aitken K, **Bagli DJ**. (Poster Presentation) Oct 31, 2003 - Nov 3, 2003.
- 2003 Oct 31 Outcome of small residual stone fragments after shockwave lithotripsy in children. American Academy of Pediatrics, Annual Meeting. New Orleans, Louisiana. Afshar K, McLorie G, Papanikolaou F, Malek R, **Bagli DJ**, Khoury AE, Farhat W. (Poster Presentation) Oct 31, 2003 - Nov 2, 2003.
- 2003 Oct 31 Role of stat-3 Protein Kinase in Bladder Stretch Injury. American Academy of Pediatrics, Annual Meeting. New Orleans, Louisiana. Halachmi S, Aitken K, **Bagli DJ**. (Poster Presentation) Oct 31, 2003 - Nov 3, 2003.
- 2003 Sep 21 Outcome of small residual stone fragments Post-ESWL in Children. 21st World Congress on Endourology & Shockwave Lithotripsy, annual meeting. Montreal, Quebec. Afshar k, McLorie G, Papanikolaou F, Malek R, Khoury AE, **Bagli DJ**, Farhat W. (Poster/Podium Presentation) Sep 21, 2003 - Sep 24, 2003.
- 2003 Sep 21 Retroperitoneal laparoscopic Assisted Pyeloplasty in children: initial experience. 21st World Congress on endourology, annual meeting. Montreal, Quebec. Farhat W, Afshar K, Papanikolaou F, Austin R, Khoury AE, **Bagli D**. (Video Forum Presentation) Sep 21, 2003 - Sep 24, 2003.
- 2003 Jun 22 Impact of Lower Urinary Tract Reconstruction in Bladder Exstrophy and Upper Tract Safety. Canadian Urological Association, annual meeting. Montreal, Quebec. Mclorie GA, Bolduc S, Capolicchio JP, Upadhyay J, Farhat W, **Bagli DJ**, Khoury. (poster presentation) Jun 22, 2003 - Jun 25, 2003.
- 2003 Jun 22 Long-Term evaluation of metabolic profile and bone mineral density following ileocystoplasty in children. Canadian Urological Association, annual meeting. Montreal, Quebec. Hafez A, McLorie GA, Gilday D, Laudenberg B, Upadhyay J, **Bagli DJ**, Khoury AE. (Poster Presentation) Jun 22, 2003 - Jun 25, 2003.

- 2003 May 5 The development of laparoscopic surgical skills in children: 2-year outcome of a mentorship-training model. 13th Annual Congress for Endosurgery in Children, Annual Meeting. Maui, Hawaii. Cook A, Khoury AE, Cartwright L, El-Ghoneimi A, McLorie GA, **Bagli DJ**, Farhat W. (Poster Presentation) May 5, 2004 - May 8, 2004.
- 2003 Apr 28 Cell Signalling in the Neurogenic Bladder: A Physiologic Role for Erk MAP Kinase. American Urological Association, annual meeting. Chicago, Illinois. Aitken K, Abdelhady M, Hassouna M, Elmayergi N, Halachmi, **Bagli DJ**. (Poster Session).
- 2002 Oct 19 Association of Vesicoureteral Reflux with Degree of Hydronephrosis and the Impact of Anti-Reflux Surgery. American Academy of Pediatrics, Annual Meeting. Boston, Massachusetts. Aboutaleb H, Bolduc S, Upadhyay J, Farhat W, **Bagli DJ**, Khoury AE. (Poster Presentation).
- 2002 Oct 19 Diagnostic Imaging to Predict Histologic Lesions of Upper Poles in Duplex Systems. American Academy of Pediatrics, annual meeting. Boston, Massachusetts. Bolduc S, Upadhyay J, Restrepo R, Farhat W, **Bagli DJ**, McLorie GA, Khoury AE, El-Ghoneimi A. (Poster).
- 2002 Oct 19 Integrins Mediate Bladder Smooth Muscle Cell Growth In Vitro Via MAP Kinase. American Academy of Pediatrics, Annual Meeting. Boston, Massachusetts. Upadhyay J, Bolduc S, Aitken KJ, **Bagli DJ**. (Poster Presentation).
- 2002 Oct 19 Macroplastique Injection Versus Extravesical Common Sheath Ureteral Reimplantation in Duplex Systems: A Comparative Study. American Academy of Pediatrics, annual meeting. Boston, Massachusetts. Aboutaleb H, Bolduc S, Upadhyay J, Farhat W, **Bagli DJ**, Khoury AE. (Poster).
- 2002 Oct 19 Pelvic MRI Following Neonatal Single Stage Repair in Males with Classic Bladder Exstrophy. American Academy of Pediatrics, Annual Meeting. Boston, Massachusetts. Halachmi S, Farhat W, Konen O, Khan A, **Bagli DJ**, McLorie GA, Khoury AE. (Poster Presentation).
- 2002 Sep 27 The predictive value of diagnostic imaging for histologic lesions of upper poles in duplex systems with ureteroceles. The NorthEastern Section of the American Urological Association, Inc., annual meeting. Mt. Tremblant, Quebec. Bolduc S, Upadhyay J, Restrepo R, Sherman C, Farhat W, **Bagli DJ**, McLorie GA, Khoury AE, ELGhoneimi A. (Poster Presentation).
- 2002 Sep 26 Pelvic MRI Following Neonatal Single Stage Repair in Males with Classic Bladder Exstrophy. Northeastern Section of the American Urological Association Inc., annual meeting. Mt. Tremblant, Quebec. Halachmi S, Farhat W, Konen O, Khan A, **Bagli DJ**, McLorie GA, Khoury AE. (Poster) Sep 26, 2002 - Sep 29, 2002.
- 2002 Sep 11 Impact of Lower Urinary Tract Reconstruction in Bladder Exstrophy and Upper Tract Safety. 26th World Congress of the Societe Internationale D'Urologie, annual meeting. Stockholm, Sweden. McLorie GA, Bolduc S, Capolicchio J, Upadhyay J, Farhat W, **Bagli DJ**, Khoury AE. (Poster) Sep 11, 2002 - Sep 12, 2002.
- 2002 Sep 11 Tolterodine Used in Children After Oxybutinin Failure. 26th World Congress of the Societe Internationale D'Urologie, annual meeting. Stockholm, Sweden. Khoury AE, Bolduc S, Upadhyay J, Payton J, **Bagli DJ**, Mclorie GA, Farhat W. (Poster) Sep 11, 2002 - Sep 12, 2002.
- 2002 Jun 23 Association of vesicoureteral reflux with degree of hydronephrosis and the impact of anti-reflux surgery. Canadian Urological Association, annual meeting. St. John's. AbouTaleb H, Bolduc S, Upadhyay J, Farhat W, McLorie GA, **Bagli DJ**, Khoury AE. (Poster) Jun 23, 2002 - Jun 26, 2002.
- 2002 Jun 23 Epidermal growth factor stimulates bladder smooth muscle cell (BSMC) growth. Canadian Urological Association, annual meeting. St. John's. Upadhyay J, Bolduc S, Aitken K, **Bagli DJ**. (Poster) Jun 23, 2002 - Jun 26, 2002.
- 2002 Jun 23 Extravesical common sheath ureteral reimplantation versus macroplastique injection in refluxing duplex system. Canadian Urological Association, annual meeting. St. John's. Aboutaleb H, Farhat W, Bolduc S, Upadhyay J, **Bagli DJ**, McLorie GA, Khoury AE. (Poster) Jun 23, 2002 - Jun 26, 2002.

- 2002 Jun 23 Laparoscopic dismembered pyeloplasty via a retroperitoneal approach in children. Canadian Urological Association, annual meeting. St. John's. Bolduc S, EL-Ghoneimi A, Farhat W, **Bagli DJ**, Aigrain Y, McLorie GA, Khoury AE. (Poster) Jun 23, 2002 - Jun 26, 2002.
- 2002 Jun 23 Mentored retroperitoneal laparoscopic renal surgery in children: A safe approach to learning. Canadian Urological Association, annual meeting. St. John's. Farhat W, EL-Ghoneimi A, Bolduc S, **Bagli DJ**, McLorie GA, Khoury AE. (Poster) Jun 23, 2002 - Jun 26, 2002.
- 2002 Jun 23 Outcome analysis of ureteroneocystotomy for vesicoureteral reflux in children. Canadian Urological Association, annual meeting. St. John's. Aboutaleb H, Bolduc S, Upadhyay J, Farhat W, McLorie GA, **Bagli DJ**, Khoury AE. (Poster) Jun 23, 2002 - Jun 26, 2002.
- 2002 Jun 23 Physiologic Proteolysis of collagen in vitro directly stimulates bladder smooth muscle cell growth. Canadian Urological Association, annual meeting. St. John's. Bolduc S, Upadhyay J, Aitken K, **Bagli DJ**. (Poster) Jun 23, 2002 - Jun 26, 2002.
- 2002 Jun 23 Renal ultrasound and nuclear renal scan in the evaluation of duplex systems predict the extent of histological lesions. Canadian Urological Association, annual meeting. St. John's. Bolduc S, Upadhyay J, Restrepo R, Sherman C, Farhat W, **Bagli DJ**, McLorie GA, Khoury AE, ELGhoneimi A. (Poster) Jun 23, 2002 - Jun 26, 2002.
- 2002 Jun 23 Retroperitoneal laparoscopic versus open partial nephroureterectomy in children. Canadian Urological Association, annual meeting. St. John's. Bolduc S, EL-Ghoneimi A, Farhat W, **Bagli DJ**, McLorie GA, Khoury AE. (Poster) Jun 23, 2002 - Jun 26, 2002.
- 2002 Jun 23 The Dysfunctional voiding symptom score to predict resolution of vesicoureteral reflux in children. Canadian Urological Association, annual meeting. St. John's. Upadhyay J, Farhat W, Bolduc S, McLorie GA, Khoury AE, **Bagli DJ**. (Poster) Jun 23, 2002 - Jun 26, 2002.
- 2002 Jun 22 Damaged extracellular matrix is mitogenic to bladder smooth muscle cells. Gordon Research Conferences, Signal transduction and engineered extracellular matrices. New London, Connecticut. Herz D, Aitken K, **Bagli DJ**. (Poster Presentation) Jun 22, 2002 - Jun 28, 2002.
- 2002 May 26 Physiologic Proteolysis of Collagen In Vitro Directly Stimulates Bladder Smooth Muscle Cell Growth. American Urological Association, Annual Meeting. Orlando, Florida. Bolduc S, Upadhyay J, Aitken KJ, **Bagli D**. (Poster) May 26, 2002 - May 28, 2002.
- 2002 May 25 Aerosol transfer of bladder urothelial and smooth muscle cells (SMC) onto de-mucosalized colonic segments: experimental study. American Urological Association, annual meeting. Orlando, Florida. Hafez A, **Bagli D**, Bahoric A, Aitken K, Smith C, McLorie GA, Khoury AE. (Poster) May 25, 2002 - May 30, 2002.
- 2002 May 25 Natural history of neonatal reflux associated with antenatal hydronephrosis: long-term results of a prospective study. American Urological Association, annual meeting. Orlando, Florida. Upadhyay J, Farhat W, Bolduc S, Aboutaleb H, Geary D, **Bagli D**, Khoury AE, McLorie GA. (Poster) May 25, 2002 - May 30, 2002.
- 2002 May 25 Use of the dysfunctional voiding symptom score to predict resolution of vesicoureteral reflux in children with voiding dysfunction. American Urological Association, annual meeting. Orlando, Florida. Upadhyay J, Farhat W, Bolduc S, Aboutaleb H, McLorie GA, Khoury AE, **Bagli DJ**. (Poster) May 25, 2002 - May 30, 2002.
- 2000 Jun 25 Acellular matrix allografts a suitable substitute for bladder augmentation in a porcine model. Canadian Urological Association, Annual Meeting. Kelowna, British Columbia. Merguerian PA, Reddy PP, Barrieras DJ, **Bagli DJ**, McLorie GA, Khoury AE. (poster) Jun 25, 2000 - Jun 29, 2000.
- 2000 Jun 25 The dysfunctional voiding symptom score: quantitative standardization and follow-up of voiding behavior in children. Canadian Urological Association, Annual Meeting. Kelowna, British Columbia. Farhat W, **Bagli DJ**, Capolicchio JP, O'Reilly S, Merguerian PA, Khoury AE, McLorie GA. (poster) Jun 25, 2000 - Jun 29, 2000.

- 2000 Jun 25 The natural history of neonatal vesicoureteral reflux. Canadian Urological Association, Annual Meeting. Kelowna, British Columbia. Farhat W, McLorie GA, Capolicchio JP, Merguerian PA, **Bagli DJ**, Khoury AE. (poster) Jun 25, 2000 - Jun 29, 2000.
- 2000 Jun Peptide mimetics of the matrix hyaladherin RHAMM inhibit the early stretch induction of bladder collagen genes. Combined AAP/ESPU, Joint meeting 2000. Tours, France. Capolicchio JP, Gu JX, McMahon C, Reddy PP, **Bagli DJ**. (Poster).
- 1999 Oct Are post-operative studies justified after extravesical ureteral reimplantation. American Academy of Pediatrics, Annual Meeting - Section on Urology. Washington, District of Columbia. Barrieras DJ, Lapointe S, Reddy PP, Williot P, McLorie GA, **Bagli DJ**, Khoury AE, Merguerian PA. (poster).
- 1999 Oct Lessons learned from laser welding and fibrin glue pyeloplasties in an in vivo chronic porcine model. American Academy of Pediatrics, Annual Meeting - Section on Urology. Washington, District of Columbia. Barrieras DJ, Reddy PP, McLorie GA, **Bagli DJ**, Khoury AE, Lilge L, Merguerian PA. (poster).
- 1999 Oct Neonatal vesicoureteral reflux: natural history. American Academy of Pediatrics, Annual Meeting - Section on Urology. Washington, District of Columbia. Farhat W, McLorie GA, Capolicchio G-P, Khoury AE, **Bagli DJ**, Merguerian PA. (poster).
- 1999 Oct Outcome analysis of tubularized incised plate hypospadias repair. American Academy of Pediatrics, Annual Meeting - Section on Urology. Washington, District of Columbia. Khoury AE, Prasad A, Merguerian PA, McLorie GA, **Bagli DJ**. (poster).
- 1999 Oct Outcome analysis of vesicoamniotic shunt insertion for suspected bladder outlet obstruction. American Academy of Pediatrics, Annual Meeting - Section on Urology. Washington. McLorie GA, Abdul-Aaly M, Khoury AE, **Bagli DJ**, Merguerian PA, Ryan G, Geary D. (unmoderated poster).
- 1999 Oct The dysfunctional voiding scoring system (DVSS): objective criteria for evaluation of voiding dysfunction in children. American Academy of Pediatrics, Annual Meeting - Section on Urology. Washington, District of Columbia. Farhat W, **Bagli DJ**, Capolicchio G-P, O'Reilly S, Merguerian PA, Khoury Ae, McLorie GA. (unmoderated poster).
- 1999 Jun 19 Accuracy of 3 dimensional ultrasonography in determining parenchymal volume in a rabbit model. Canadian Urological Association, 1999 Annual Meeting. London, Ontario. Merguerian PA, Yap T-L, Babyn P, McLorie GA, **Bagli DJ**, Khoury AE. (poster) Jun 20, 1999 - Jun 23, 1999.
- 1999 Jun A bioprosthetic bladder acellular matrix allograft: evaluation of large segment (>24cm²) substitution in the porcine model. Canadian Urological Association, Annual Meeting. London, Ontario. Merguerian PA, Reddy PP, Barrieras DJ, Woodhouse K, Wilson GJ, **Bagli DJ**, McLorie GA, Khoury AE. (poster).
- 1999 Jun Experience with endoscopic holmium laser in the pediatric population. Canadian Urological Association, Annual Meeting. London, Ontario. Reddy ,PP, Barrieras ,DJ, **Bagli, DJ**, McLorie, GA, Khoury, AE, Merguerian ,PA. (poster).
- 1999 Jun Non-thermal ureteral tissue bonding: comparison of photochemical collagen cross linking with thermal laser bonding. Canadian Urological Association, Annual Meeting. London, Ontario. Merguerian PA, Pugach JL, Khoury AE, McLorie GA, **Bagli DJ**, Wilson B, Lilge L. (poster).
- 1999 Jun The use of MRI in the diagnosis and follow up of pediatric genito-urinary rhabdomyosarcoma. Canadian Urological Association, Annual Meeting. London, Ontario. Finelli A, Babyn P, McLorie GA, **Bagli DJ**, Khoury AE, Merguerian PA. (poster).
- 1998 Oct 14 Transmural extracellular matrix/proteoglycan (ECM/PG) response following obstructive bladder injury in young rabbits. American Academy of Pediatrics, 1995 Annual Meeting. San Francisco, California. **Bagli DJ**, Tekgul S, Yao L, Carr M, Mitchell ME, Wight T. (Poster) Oct 14, 1995 - Oct 16, 1998.
- 1998 Jun Physical examination and ultrasound in the assessment of cryptorchidism: the importance of examination under anesthesia. Canadian Urological Association, Annual Meeting. Halifax, Nova Scotia. Kell JS, McLorie GA, Merguerian PA, **Bagli DJ**, Khoury AE. (Poster).

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- 1998 Jun Simultaneous repair of bladder exstrophy and epispadias in male infants. Canadian Urological Association, Annual Meeting. Halifax, Nova Scotia. McLorie GA, Pippi Salle JL, Merguerian PA, **Bagli DJ**, Khoury AE. (Poster).
- 1998 May 30 Physical examination and ultrasound in the assessment of cryptorchidism: the importance of examination under anesthesia. American Urological Association, 93rd Annual Meeting. San Diego, California. Kell JA, McLorie GA, Merguerian PA, **Bagli DJ**, Khoury AE. (Poster) May 30, 1998 - Jun 4, 1998.
- 1998 May 30 Stretch injury in the rat bladder activates the matrix receptor RHAMM (receptor for hyaluronic acid mediated motility). American Urological Association, 93rd Annual Meeting. San Diego, California. **Bagli DJ**, Joyner BD, Mahoney SR. (Poster) May 30, 1998 - Jun 4, 1998.
- 1998 May 30 Successful rabbit ureteral tissue welding at room temperature. American Urological Association, 93rd Annual Meeting. San Diego, California. Pugach JL, Merguerian PA, Lilge L, McLorie GA, **Bagli DJ**, Khoury AE. (Poster) May 30, 1998 - Jun 4, 1998.
- 1997 Oct 31 Primary reconstructive surgery in rhabdomyosarcoma of the lower urinary tract. American Academy of Pediatrics, 1997 Annual Meeting. New Orleans, Louisiana. Agarwal SK, Merguerian PA, **Bagli DJ**, Khoury AE, McLorie GA. (poster) Oct 31, 1997 - Nov 5, 1997.
- 1997 Jun 20 Comparison of urodynamic changes between refluxing children with myelodysplasia (MMC) and control population. Canadian Urological Association, Annual Meeting. Quebec City, Quebec. Agarwal SK, McLorie GA, Grewal D, Merguerian PA, **Bagli DJ**, Khoury AE. (poster) Jun 20, 1997 - Jun 26, 1997.
- 1997 Jun 20 Expression of the hyaluronic-acid receptor RHAMM in the rat urinary bladder following stretch injury. Canadian Urological Association, Annual Meeting. Quebec City, Quebec. Joyner BD, Mahoney SR, **Bagli DJ**. (poster) Jun 20, 1997 - Jun 26, 1997.
- 1997 Jun 20 The impact of preoperative evaluation on 100 hypospadias repairs: a prospective clinical trial. Canadian Urological Association, Annual Meeting. Quebec City, Quebec. Joyner BD, McLorie GA, **Bagli DJ**, Van Savage JG, Merguerian PA, Khoury AE. (poster) Jun 20, 1997 - Jun 26, 1997.
- 1997 Jun 20 The role of the extracellular matrix receptor RHAMM in prostate cancer progression. Canadian Urological Association, Annual Meeting. Quebec City, Quebec. Mahoney SR, **Bagli DJ**. (poster) Jun 20, 1997 - Jun 26, 1997.
- 1996 May Urethral lengthening with anterior bladder wall flap (Pippi Salle procedure). American Urological Association, Annual Meeting. Orlando, Florida. Pippi Salle, JL, Fraga J, Rosito N, Koff W, Antunes C, **Bagli DJ**, McLorie GA, Khoury AE. (Movie).
- 1995 Oct 14 Collagen type I and III localization by in situ hybridization and immunohistochemistry in the partially obstructed young rabbit bladder. American Academy of Pediatrics, 1995 Annual Meeting. San Francisco, California. Tekgul S, **Bagli DJ**, Carr M, Mitchell ME, Yao L. (Poster) Oct 14, 1995 - Oct 16, 1995.

Symposium

- 2006 **Principal Organizer. (Included invited Faculty: A Kirch, MD Emory University, Atlanta GA, and S. Greenfield, SUNY Buffalo, NY.)** Vesicoureteral Reflux Symposium: Technical Considerations in Endoscopic Treatment of Reflux. Hospital for Sick Children. Presenter(s): **Bagli DJ**.

Other Presentations

- 2011 Oct Risk Factors for Urethro-Cutaneous Fistula (UCF) Formation Post-Tubularized Incised Plate (TIP) Repair: Comprehensive Analysis of 1098 Patients with Distal and Midshaft Hypospadias. Section on Urology Annual Meeting. Boston, Massachusetts, United States.
- 2011 May 15 An Alternative for Vantral Lengthening in Children with Severe Penile curvature that Allows Graft Coverage During Staged Hypospadias Repair. American Urological Association Annual Meeting. Washington, District of Columbia, United States. Presenter(s): Leslie, B., Weber, B., Romao, R., Farhat,

F. Teaching and Design

1. INNOVATIONS AND DEVELOPMENT IN TEACHING AND EDUCATION

2009 Mar Pediatric and Andrology Urology Fellows 'Elements of Loupe Microsurgery' skills training course, Postgraduate MD, Faculty of Medicine, Dept of Surgery, Urology, University of Toronto
Course Designer. The one-day session consisting of dry repetition technical element exercises, real-time video review, as well as live rat surgery tissue models of tubularization and flap design.

G. Research Supervision

1. PRIMARY OR CO-SUPERVISION

Undergraduate Education

2010 Jul - 2011 Jul **Co-Supervisor.** Amanda Carnevale. Supervisee Institution: Univeristy of Toronto.
Brominated Flame Retardants in the Eitiology of Cryptorchidism. Completed 2011.

Graduate Education

2015-2017 **Primary Supervisor,** MSc, Martin Sidler, Institute of Medical Science
2012 Jul - 2013 Jun **Primary Supervisor.** MEd. Jeffrey Cheung. Supervisee Institution: University of Toronto.
2012 Jul - 2013 Jun **Primary Supervisor.** MSc. Bryce Weber. Supervisee Institution: University of Toronto.
2012 Jul - 2013 Jun **Primary Supervisor.** MSc. Akshita Kapila.
2012 Jul - 2013 Jun **Primary Supervisor.** MSc. Janet Jiang. Supervisee Institution: University of Toronto.
2012 Jul - 2013 Jun **Primary Supervisor.** MSc. Chris Sotiropoulos. Supervisee Institution: University of Toronto.
2012 Jul - 2013 Jun **Primary Supervisor.** PhD. Sanaz Alali. Supervisee Institution: University of Toronto.
2010 Sep - 2012 Aug **Primary Supervisor.** MSc. Akshita Kapila. Supervisee Position: 1st Year Masters student, Supervisee Institution: University of Toronto. *Epigenetic Regulation of Urothelial Progenitor Cells During Bacterial Infection (UTI).*
2010 Jul - 2012 Jun **Primary Supervisor.** MEd. Bryce Weber. Supervisee Position: Fellow, Supervisee Institution: University of Toronto. *Internet-Based Networked Computer Learning for Teachinkg Surgeical Skills.*
2006 - 2010 **Primary Supervisor.** PhD. Karen Aitken. Supervisee Institution: University of Toronto. *Signalling in Bladder Smooth Muslce.* Completed 2010.
2002 - 2005 **Primary Supervisor.** MSc. Karen Aitken. Supervisee Institution: University of Toronto. *Mechanotransduction in Bladder Smooth Muscle.* Completed 2006.

Postgraduate MD

2012 Jul - 2014 Jun **Co-Supervisor.** Clinical Fellow. Joe Gleason.
2012 Jul - 2014 Jun **Co-Supervisor.** Clinical Fellow. Annette Schroeder.
2011 Jul - 2013 Jun **Co-Supervisor.** Clinical Fellow. Elias Wehbi.
2011 Jul - 2013 Jun **Co-Supervisor.** Clinical Fellow. Niki Kanarogolou.

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2010 Jul - 2013 Jun **Co-Supervisor.** Clinical Fellow. Victor Figueroa.
2010 Jul - 2012 Jun **Co-Supervisor.** Clinical Fellow. Rodrigo Romao.
1996 Jul - 1997 Jun **Primary Supervisor.** Byron Joyner. Supervisee Position: Research Fellow (mentored by Dr. Bagli as basic research fellow in Dr. Bagli's lab), Supervisee Institution: University of Toronto.
1996 Jul - 1997 Jun **Primary Supervisor.** Sanjiv Agarwal. Supervisee Position: Research Fellow, Supervisee Institution: University of Toronto.

Other

2004 Jul - 2005 Jun **Primary Supervisor.** Sharif Dessouki. Supervisee Position: Summer research student U of T (12 weeks), Supervisee Institution: University of Toronto.
1996 May - 1996 Aug **Primary Supervisor.** Sunita Venkateswaran. Supervisee Position: Summer Student, Supervisee Institution: University of Toronto.

2. OTHER SUPERVISION

Undergraduate Education

Thesis Committee Member

2009 Jul - 2010 Jun Mohammed Elkelini. Supervisee Institution: University of Toronto. *Effects of Intravesical Botulinum toxin-A on bladder dysfunction and autonomic dysreflexia after spinal cord injury: Role of CGRP primary afferents and NGF.* Collaborator(s): Supervisor: Magdy Hassouna. Completed 2010.
2009 Jul - 2010 Jun Shoeb Ahsan. Supervisee Institution: University of Toronto. *Investigation of Adult Retinal Precursor Cell Behaviour in Response to Soluble Factors and Varying Substrate Stiffness in Two and Three Dimensional Scaffolds.* Collaborator(s): Supervisor: C. Moreshead. Completed 2010.
2009 Jul - 2010 Jun Junyan Shi. Supervisee Institution: University of Toronto. *Insulin Promotes Elastin Production in Cultures of Human Aortic Smooth Muscle Cells and Skin Fibroblasts.* Completed 2010.
2009 Jul - 2010 Jun Carolyn Tam. Supervisee Institution: University of Toronto. *Circulating Unmetabolized folic acid: Relationship to folate status and effect of supplementation.* Collaborator(s): Supervisor: Gideon Koren. Completed 2010.

Thesis Examiner

2011 Nov **Masters.** Ruth Choi. Supervisee Position: Masters Degree Candidate, Supervisee Institution: University of Toronto. *The Role of Gli3 Transcription Factor in the Developing Murine Stomach.*
2011 Jul - 2012 Jun Swasti Chaturvedi. Supervisee Institution: Univeristy of Toronto. *Slit2 Prevents Acute Kidney Injury.*
2010 Sep Shoeb Ahsan. Supervisee Institution: University of Toronto. *Investigation of adult retinal precursor cell behaviour response to soluble factors and varying substrate stiffness in two and three dimensional scaffolds.*

Graduate Education

Thesis Committee Member

2001 - 2005 **Masters/PhD.** Allison Brown. Supervisee Institution: University of Toronto.

Thesis Examiner

- 2017 **Transfer Examination MSc to PhD:** Alaina Garbens, Institute of Medical Science
- 2017 **Transfer Examination MSc to PhD:** Mitchell Goldenberg, Institute of Medical Science
- 2012 Dec **PhD.** Nicolas Fernandez. Supervisee Institution: Javeriana University. *Hypospadias Prevalence and Genetic Risk Factors in South America.*

Exam Committee Member

- 2005 Nov **MSc.** Elizabeth Srokowski. Supervisee Institution: University of Toronto.

Graduate Student Advisory Committee

- 2015 **MSc.** Sarah Forward, Medical Biophysics. Supervisee Institution: University of Toronto.

Ph.D. Committee Member & Supervisor

- 2005 Mar **PhD.** Karen Aitken. Supervisee Institution: University of Toronto.

PhD Defence Committee Member

- 2005 Mar **PhD.** Allison L. Brown. Supervisee Institution: University of Toronto.

Thesis Defense Committee Member

- 2009 May **MSc.** Roula Antoon.

Postgraduate MD

- 2009 Aug - present Lisieux Eyer de Jesus. Supervisee Institution: University of Toronto.
- 2009 Jul - 2010 Jun Angus Alexander. Supervisee Institution: University of Toronto.
- 2009 Jul - 2010 Jun Kristin Kozakowski. Supervisee Institution: University of Toronto.
- 2008 Jul - 2009 Jun Bruno Leslie. Supervisee Position: Research Fellow, Supervisee Institution: University of Toronto.
- 2008 Jul - 2009 Jun Katherine Moore. Supervisee Position: Research Fellow, Supervisee Institution: University of Toronto.
- 2007 Jul - 2007 Dec Al-Mandil, Majid. Supervisee Position: Research Fellow, Supervisee Institution: University of Toronto.
- 2007 Jul - 2007 Sep Eeg, Kurt. Supervisee Position: Research Fellow, Supervisee Institution: University of Toronto.
- 2007 Jun - 2009 May Yaser El-Hout. Supervisee Position: Research Fellow, Supervisee Institution: University of Toronto.
- 2005 Jul - 2006 Jun Luis Braga. Supervisee Position: Research Fellow, Supervisee Institution: University of Toronto.
- 2005 Jul - 2006 Jun Sumit Dave. Supervisee Position: Research Fellow, Supervisee Institution: University of Toronto.
- 2004 Jul - 2006 Jun Chad Wallis. Supervisee Position: Research Fellow, Supervisee Institution: University of Toronto.
- 2004 Jul - 2006 Jun Armando Lorenzo. Supervisee Position: Research Fellow, Supervisee Institution: University of Toronto.
- 2003 Jul - 2005 Jun Anthony Cook. Supervisee Position: Research Fellow, Supervisee Institution: University of Toronto.
- 2003 Jul - 2005 Jun Lisa Cartwright. Supervisee Position: Research Fellow, Supervisee Institution: University of Toronto.
- 2003 Jul - 2004 Jun Frank Papanikolaou. Supervisee Position: Research Fellow, Supervisee Institution: University of Toronto.
- 2003 Jul - 2004 Jun Kourosch Afshar. Supervisee Position: Research Fellow, Supervisee Institution: University of Toronto.

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| | Toronto. |
| 2002 Jul - 2003 Jun | John Hodapp. Supervisee Position: Research Fellow, Supervisee Institution: University of Toronto. |
| 2002 Jul - 2003 Jun | Sarel Halachmi. Supervisee Position: Research Fellow, Supervisee Institution: University of Toronto. |
| 2001 Jul - 2002 Jun | Jyoti Upadhyay. Supervisee Position: Research Fellow, Supervisee Institution: University of Toronto. |
| 2001 Jul - 2002 Jun | Stephane Bolduc. Supervisee Position: Research Fellow, Supervisee Institution: University of Toronto. |
| 2000 Jul - 2001 Jun | Ashraf Hafez. Supervisee Position: Research Fellow, Supervisee Institution: University of Toronto. |
| 2000 Jul - 2001 Jun | Dan Herz. Supervisee Position: Research Fellow, Supervisee Institution: University of Toronto. |
| 1999 Jul - 2001 Jun | Walid Farhat. Supervisee Position: Research Fellow, Restracom, Supervisee Institution: University of Toronto. |
| 1999 Jul - 2000 Jun | Gianpaolo Capolicchio. Supervisee Position: Research Fellow, AFUD Scholar, Supervisee Institution: University of Toronto. |
| 1998 Jul - 1999 Jun | Diego Barrieras. Supervisee Position: Research Fellow, Supervisee Institution: University of Toronto. |
| 1998 Jul - 1999 Jun | Pramod Reddy. Supervisee Position: Research Fellow, Supervisee Institution: University of Toronto. |
| 1997 Jul - 1998 Jun | Jeff Pugach. Supervisee Position: Research Fellow, Supervisee Institution: University of Toronto. |
| 1994 Jul - 1996 Jun | John VanSavage. Supervisee Position: Research Fellow, Supervisee Institution: University of Toronto. |

H. Creative Professional Activities

1. PROFESSIONAL INNOVATION AND CREATIVE EXCELLENCE

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| 2015 Oct 14 | Piano Performance - Schumann & Chopin. Welcome Reception - Prague Congress Center. Background: Perioperative Services Leadership Program Intervention / Activities: Surgeon Leader Partnering with Human Resources (Sick Kids) and the Rotman School (U of T) to develop Needs Assessment and subsequent design of leadership training program for Perioperative Services Leaders and CHS Directors. |
| 2011 | The Hospital for Sick Children: Partners in Leadership Program, presented by The University of Toronto Rotman School of Management and the Hospital for Sick Children. |

2. CONTRIBUTIONS TO THE DEVELOPMENT OF PROFESSIONAL PRACTICES

Background: Perioperative Services Safety Initiative
Intervention / Activities: Surgeon Leader for Perioperative Services Safety Awareness, through re-branding of Incident and Near-Miss Reporting.

Background: Surgeon Leader for Implementation of Surgical Safety Checklist.

Background: Perioperative Services Unification of Preoperative Screening

Darius Jehan BÄGLI

Intervention / Activities: Surgeon Leader for Implementation of Unified Preoperative Services
Preoperative Screening of all patients.