

CURRICULUM VITAE

NAME: Lawrence (Lars) J. Cisek, Jr., M.D. PhD

PRESENT TITLE: Richard Andrassy, M.D. Endowed Distinguished Professor
Director and Chief of Pediatric Urology
Department of Pediatric Surgery

ADDRESS: The University of Texas Health Science Center at Houston
McGovern Medical School
Department of Pediatric Surgery
Division of Pediatric Urology
6431 Fannin Street, MSB 5.220, Houston TX 77030

UNDERGRADUATE EDUCATION:

1978 Precollege Program, Harvard University, Boston, MA

1979–1982 Bachelor of Arts, Magna Cum Laude, Biochemistry, University of Pennsylvania, Philadelphia, PA

MEDICAL EDUCATION OR GRADUATE EDUCATION:

1982–1990 Doctor of Medicine, Doctor of Philosophy – Biochemistry, Cellular, and Molecular Biology, Johns Hopkins University, School of Medicine, Baltimore, MD

POSTGRADUATE TRAINING:

1990–1992 Junior Assistant Resident and Intern in Surgery, Department of Surgery, Johns Hopkins Hospital, Baltimore, MD

1992–1996 Resident in Urology, Brady Urologic Institute, Johns Hopkins Hospital, Baltimore, MD

1996–1999 Fellow, Harvard University Medical School and Children’s Hospital, Boston / Harvard Center for Minimally Invasive Surgery, Boston MA

1999–2001 Fellow, Pediatric Urology, Scott Department of Urology, Baylor College of Medicine, Texas Children’s Hospital, Houston TX

2014–2015 UMN Health QI Collaborative

ACADEMIC AND ADMINISTRATIVE APPOINTMENTS:

- 2001–2013 Assistant Professor of Urology, Scott Department of Urology, Baylor College of Medicine, Houston, TX
- 2013–2017 Associate Professor and Director of Pediatric Urology, UMMC Department of Urology, Fairview, Minneapolis, MN
- 2017 - Present Visiting Professor and Director of Pediatric Urology The University of Texas Health Science Center at Houston, McGovern Medical School, Houston, TX

HOSPITAL APPOINTMENTS:

- 2013–2017 Active Staff, Amplatz Children’s Hospital
- 2013–2017 Attending Physician, University of Minnesota Medical Center
- 2013–2017 Attending Physician, Fairview Ridges Hospital
- 2013–2017 Attending Physician, Fairview Maple Grove Medical Center
- 2013–2017 Attending Physician, St. Paul Children’s Hospital
- 2013–2017 Attending Physician, Hennepin County Medical Center
- 2017–Present Attending Physician, Children’s Memorial Hermann Hospital, Memorial Hermann Hospital Texas Medical Center

OTHER PROFESSIONAL TRAINING/EXPERIENCE:

Da Vinci Surgery System Certification

LICENSURE:

Texas Medical Board License (L0774), October 2000
Minnesota Board of Medical Practice (56291), May 2013

CERTIFICATION:

American Board of Urology, Board-certified, 2003
American Board of Urology CAQ Pediatric Urology, Board-certified, 2010

PROFESSIONAL ORGANIZATIONS:

1994 American Urological Association
1997 Society of Laparoendoscopic Surgeons

- 2001 Endourology Society
- 2005 International Pediatric Endosurgical Group
- 2005 American Association of Pediatric Urologists

HONORS OR AWARDS:

National Honor Society
Merit Scholar, National Merit Scholarship Corporation
Eagle Scout, Order of the Arrow
Dean's List, 1979–1980
Numerals, Crew, 1980
Numerals, Junior Varsity Letter, 1981
Coach's Award, 1980–1981
Dean's List, 1980–1981, 1981–1982
Numerals, Varsity Letter, 1982
Phi Beta Kappa, University of Pennsylvania, 1982
Medical Scientist Training Program, Johns Hopkins University School of Medicine, 1983–1990
United States Surgical Corporation Fellowship in Minimally Invasive Surgery, Minimally Invasive Surgery, 1996–1999
Endourology Essay Prize, First Place, *Pneumoperitoneum Produces Recoverable Renal Dysfunction in Animals with Normal and Chronically Reduced Renal Function*, 1997

EDITORIAL POSITIONS:

Reviewer - Journal of Urology
Reviewer - Urology
Reviewer - Journal of Endourology
Reviewer - Journal of Pediatric Urology

TEACHING RESPONSIBILITIES:

A. Didactic Course Work

1. Courses Taught External to Primary Department:

- a. Lecturer – Pathophysiology Urology Gynecology Core – Pediatric Urology/Embryology
- b. Lecturer – Surgery Core – Pediatric Urology
- c. Lecturer – pathophysiology – Disorders of Sexual Differentiation

B. Non-Didactic Teaching:

1. Resident Training:

- a. Urology
- b. Pediatrics

2. Clinical Fellow Training:

- a. Pediatric Urology
- b. Minimally Invasive Surgery

3. Medical Student Mentoring:

- a. Urology Selective – Surgery Core
- b. Urology Elective

C. Lectures:

1. International:

1. World Congress on Endourology and SWL, Edinburgh Scotland, 1997.
2. World Congress on Endourology and SWL, Rhodes Greece, 1999.
3. Practical Urology at Klina Second Symposium, “Laparoscopic Renal Surgery,” Antwerp, Belgium, 2002.
4. 21st World Congress on Endourology, Montreal Canada, 2003.
5. World Congress on Endourology and SWL, Mumbai, India, 2004.
6. World Congress on Endourology and SWL, Amsterdam, 2005.
7. World Congress on Endourology and SWL, Cleveland 2006.
8. Pediatric Urology Laparoscopy Course, Toronto, 2007.
9. International Pediatric Endosurgery Group, Buenos Aires, 2007.
10. International Pediatric Endosurgery Group, Cannes, 2008.
11. World Congress on Endourology and SWL, Chicago 2010.

2. National:

1. Gordon Conference – Animal Cells and Viruses, 1989.
2. Society for Basic Urologic Research, 1994.
3. 91st Annual Meeting American Urological Association, Orlando, FL, May 1996.
4. Annual Meeting American Academy of Pediatrics – Section on Urology, 1997.
5. 93rd Annual Meeting of the American Urological Association, San Diego, CA, May 30 June 4, 1998.
6. Society for Pediatric Urology, 1998. Wound Healing Society, 1998.
7. World Congress on Endourology and SWL, 1998.
8. American College of Surgeons, 1998.
9. 94th Annual Meeting of the American Urological Association, Dallas, TX, May 1–6, 1999.
10. Annual Meeting American Academy of Pediatrics – Section on Urology, 2000.
11. Society of Laparoscopic Surgeons, Orlando, FL 2000.
12. American College of Surgeons, New Orleans, LA, 2001.
13. 97th Annual Meeting of the American Urological Association, Orlando, FL, May 25–30, 2002.
14. 10th Innovations in Urologic Practice, Santa Fe, NM, September 26–28, 2002.
15. 98th Annual Meeting of the American Urological Association, 2003.
16. Annual Meeting American Academy of Pediatrics, 2003.
17. 11th Innovations in Urologic Practice, Santa Fe, NM, September 18–20, 2003.
18. 99th Annual Meeting of the American Urological Association, 2004.

19. 12th Innovations in Urologic Practice, Santa Fe, NM, September 30 – October 2, 2004.
20. American Academy of Pediatrics 2004 National Conference and Exhibition in San Francisco, CA, October 9–13, 2004.
21. 100th Annual Meeting of the American Urological Association, 2005.
22. 13th Innovations in Urologic Practice, Santa Fe, NM, 2005.
23. American Academy of Pediatrics 2005 National Conference and Exhibition, 2005.
24. 101st Annual Meeting of the American Urological Association, 2006.
25. 14th Innovations in Urologic Practice, Santa Fe, NM, 2006.
26. 102st Annual Meeting of the American Urological Association, 2007.
27. 15th Innovations in Urologic Practice, Santa Fe, NM, 2007.
28. American Academy of Pediatrics 2007 National Conference and Exhibition, 2007.
29. 103rd Annual Meeting of the American Urological Association, 2008.
30. American Academy of Pediatrics 2008 National Conference and Exhibition.
31. 104th Annual Meeting of the American Urological Association, 2009.
32. American Academy of Pediatrics 2009 National Conference and Exhibition Moderator laparoscopy session.
33. 105th Annual Meeting of the American Urological Association, 2010.
34. World Congress on Endourology and SWL, 2010.
35. American Academy of Pediatrics 2010 National Conference and Exhibition Moderator Laparoscopy session.
36. 106th Annual Meeting of the American Urological Association, 2011.
37. American Academy of Pediatrics 2011 National Conference and Exhibition Moderator Laparoscopy session.
38. World Congress on Endourology and SWL, New Orleans 2013. Moderator Pediatrics poster session.
39. Texas Urology Assoc, Spring 2013. Robotic Surgery in Children.

3. Local:

1. “Update on Minimally Invasive Surgery: 2002,” Urologic Laparoscopy, April 20–20, 2002.
2. “UTI's, VCUg's and Reflux - Much Ado About Nothing?,” “Pediatric Practice Update, March 30- April 1 2005.
3. Pediatrics Grand Rounds Texas Childrens Hospital. To Circ or not to Circ, The new AAP circumcision guidelines Nov 2012.
4. Surgery Grand Rounds Texas Childrens Hospital. Surgical Paradigms Oct 13.
5. Pedi Grand Rounds Vessicoureteral Reflux Amplatz Childrens hospital June 2013.

CLINICAL SERVICE RESPONSIBILITIES:

A. Patient Care Responsibilities at BCM and/or its Affiliated Institutions:

1. **Section or Specialty:**
 - a. Pediatric Urology
 - b. Minimally Invasive Urologic Surgery

B. National Education or Voluntary Health Organization Participation:

1. Medical Bridges – Mission to Kerala, India, 2004
2. Medical Bridges – Mission to Monsura, Egypt, 2009
3. TCH - Mission to Nagercoil, India, 2010
4. IVU laparoscopy training workshop to Childrens hospital #2 Ho Chi Min City 11/12
5. IVU laparoscopy training workshop to Childrens hospital #2 Ho Chi Min City 3/14

C. Administrative Assignments at BCM:

1. Department Administration/Committees:

- a. Resident Education Committee 2001–2013

2. College Administration/Committees:

- a. Admissions Committee 2001–2008

D. Administrative Assignments at TCH:

1. Therapeutic Abortion and Sterilization Committee, 2005 - 2013
2. Organ Donation and Transplantation Committee, 2006 - 2013
3. OR Renovation Working Group, 2006- 2008
4. Fetal Center/and Therapy Planning Committee, 2007- 2013

E. Responsibilities at UMN and/or its Affiliated Institutions:

1. **Department-Wide:** Division Chief Pediatric Urology
2. **Section or Specialty:**
 - a. Pediatric Urology
 - b. Minimally Invasive Urologic Surgery

F. National Education or Voluntary Health Organization Participation:

- a. IVU laparoscopy training workshop to Childrens hospital #2 Ho Chi Min City 3/14

G. Administrative Assignments at Masonic Children’s Hospital

- a. Interdisciplinary Care Team Masonic Childrens, 2013-2017
- b. Operating Principles Committee 2014-2017

PUBLICATIONS:

A. ABSTRACTS

- 1) **Cisek LJ Jr, Corden JL:** p34cdc2 kinase as a cell cycle keyed transcriptional regulator. Gordon

Conference – Animal Cells and Viruses, 1989.

- 2) **Cisek LJ Jr, Isaacs JT:** Programmed death of prostatic cancer cells induced by Thapsigargin can be induced without cell proliferation. Society for Basic Urologic Research, 1994.
- 3) **Cisek LJ Jr, Marshall FF:** The role of radical surgery for locally extensive renal cell carcinoma with adjacent organ resection prior to adjuvant therapy. Annual Meeting American Urological Association, 1996.
- 4) **Cisek LJ Jr, Peters CA:** A porcine model to evaluate ureteral wound healing. World Congress on Endourology and SWL, 1997.
- 5) **Cisek LJ Jr, Peters CA:** Pneumoperitoneum produces recoverable renal dysfunction in animals with normal and chronically reduced renal function. World Congress on Endourology and SWL, 1997.
- 6) **Cisek LJ Jr, Peters CA, Atala A, Bauer SB, Diamond DA, Retik AB:** Current finding in diagnostic laparoscopic evaluation of the nonpalpable testis. World Congress on Endourology and SWL, 1997.
- 7) **Cisek LJ Jr, Peters CA, Atala A, Bauer SB, Diamond DA, Retik AB:** Improved outcomes in diagnostic laparoscopy of the nonpalpable testis. Annual Meeting American Academy of Pediatrics – Section on Urology, 1997.
- 8) **Cisek LJ Jr, Calvano CJ, Gobet RM, Taylor GA, Moran ME, Peters CA:** Minimally invasive repair of in utero obstructive uropathy. Annual Meeting American Urological Association, Society for Pediatric Urology, 1998.
- 9) **Cisek LJ Jr, Gobet RM, Peters CA, Gruskin E, Tawil N:** Positively charged beads as wound healing accelerants in hollow viscus incisions. Wound Healing Society, 1998.
- 10) **Cisek LJ Jr, Peters CA, Forse RA, Tawil N, Gruskin E:** Evaluation of the risk of intra- abdominal adhesions related to wound healing accelerants. Wound Healing Society, 1998.
- 11) **Cisek LJ Jr, Diamond DA, Peters CA:** Evaluation of the nonpalpable testis with 2 mm laparoscopic instrumentation – Video. World Congress on Endourology and SWL, 1998.
- 12) **Cisek LJ Jr, Gobet RM, Calvano CJ, Fauza DO, Taylor GA, Moran ME, Peters CA:** Fetal obstructive uropathy: Comparison of minimally invasive decompression techniques. World Congress on Endourology and SWL, 1998.
- 13) **Cisek LJ Jr, Pettit J, Osman M, Warren H, Lage A, Loughlin KR:** Use of a vascular closure staple for urinary tract anastomosis. World Congress on Endourology and SWL, 1998.
- 14) **Cisek LJ Jr, Gobet RM, Peters CA, Forse RA, Gruskin E, Nabil Tawil N:** Positively charged beads as wound healing accelerants in hollow viscus anastomoses. American College of Surgeons, 1998.
- 15) **Cisek LJ Jr, Borer JG, Peters CA:** Prone retroperitoneoscopic nephrectomy and retroperitoneal surgery – Video. Annual Meeting American Urological Association, 1999.

- 16) **Cisek LJ Jr**, Peters CA, Atala A, Bauer SA, Diamond DA, Borer JG, Retik AB: Microlaparoscopic evaluation and management of the nonpalpable testis. Annual Meeting American Urological Association, 1999.
- 17) **Cisek LJ Jr**, Osman M, Borer JG, Peters CA: Prone laparoscopic retroperitoneal lymphadenectomy. Annual Meeting American Urological Association, 1999.
- 18) Osman M, **Cisek LJ Jr**, Lage AL, Loughlin KR: Evaluation of lithogenic risk of closure materials. Annual Meeting American Urological Association, 1999.
- 19) **Cisek LJ Jr**, Borer JG, Diamond DA, Cilento B, Peters CA: Prone retroperitonoscopic nephrectomy. World Congress on Endourology and SWL, 1999.
- 20) **Cisek LJ Jr**, Osman MA, Borer JG, Peters CA: Experimental prone retroperitonoscopic surgery – Video. World Congress on Endourology and SWL, 1999.
- 21) **Cisek LJ Jr**, Osman MA, Diamond DA, Bauer SB, Borer JG, Atala A, Cilento B, Retik AB, Peters CA: Microlaparoscopic orchidopexy and evaluation of nonpalpable testes – Video. World Congress on Endourology and SWL, 1999.
- 22) **Cisek LJ Jr**, Pettit J, Warren H, Lage A, Loughlin KR: Automated stapling device for vesicoureteral anastomosis. World Congress on Endourology and SWL, 1999.
- 23) Osman M, **Cisek LJ Jr**, Loughlin KR, Lage AL: Evaluation of lithogenic risk of closure materials. World Congress on Endourology and SWL, 1999.
- 24) **Cisek LJ Jr**, Gore JL, Sutherland RW, Roth DR: Laparoscopic correction of vesicoureteral reflux. Annual Meeting American Academy of Pediatrics – Section on Urology, 2000.
- 25) Jones EA, Wolff JD, **Cisek LJ Jr**, Roth DR, Gonzales ET Jr: Natural history of vesicoureteral reflux diagnosed in the first year of life. Annual Meeting of the American Urological Association, 2002.
- 26) **Cisek LJ Jr**: Laparoscopic procedures in pediatric urology. Practical Urology at Klina Second Symposium, “Laparoscopic Renal Surgery,” Antwerp, Belgium, 2002.
- 27) **Cisek LJ Jr**: Ever smaller, ever better?. Practical Urology at Klina Second Symposium, “Laparoscopic Renal Surgery,” Antwerp, Belgium, 2002.
- 28) **Cisek LJ Jr**: Prone retroperitonoscopic renal surgery – Description of the approach. 21st World Congress on Endourology, Montreal, Quebec, Canada, 2003.
- 29) **Cisek LJ Jr**: Reconstructive laparoscopic surgery – Comparison of conventional and robotic suturing. 21st World Congress on Endourology, Montreal, Quebec, Canada, 2003.
- 30) **Cisek LJ Jr**: Two-millimeter Veress access for pediatric urological laparoscopy. 21st World Congress on Endourology, Montreal, Quebec, Canada, 2003.
- 31) Jones EA, Gonzales ET Jr, Roth DR, **Cisek LJ Jr**: Reflux improvement as a predictor of resolution

- in infants diagnosed with dilating vesicoureteral reflux. Annual Meeting American Academy of Pediatrics, 2003.
- 32) Jones EA, Gonzales ET Jr, Roth DR, Sutherland RW, **Cisek LJ Jr**: Prone retroperitoneoscopic renal surgery. Annual Meeting American Academy of Pediatrics, 2003.
 - 33) Vemulakonda VM, **Cisek LJ Jr**, Gonzales ET Jr, Roth DR, Jones EA: Does axial skeletal anatomy predict resolution of vesicoureteral reflux in infants? Annual Meeting American Academy of Pediatrics, 2003.
 - 34) **Cisek LJ Jr**: Metabolic evaluation of pediatric stone patients. Section on Urology Scientific Session, American Academy of Pediatrics 2004 National Conference and Exhibition in San Francisco, CA, October 9–13, 2004.
 - 35) **Cisek LJ Jr**, Roth DR, Gonzales ET Jr, Jones EA: Laparoscopic pyeloplasty in children. World Congress on Endourology and SWL, Mumbai, India, 2004.
 - 36) **Cisek LJ Jr**, Roth DR, Gonzales ET Jr, Jones EA: Pediatric laparoscopic pyeloplasty. World Congress on Endourology and SWL, Mumbai, India, 2004.
 - 37) **Cisek LJ Jr**, Roth DR, Gonzales ET Jr, Jones EA: Metabolic evaluation of pediatric stone patients. World Congress on Endourology and SWL, Mumbai, India, 2004.
 - 38) **Cisek LJ Jr**, Roth DR, Gonzales ET Jr, Jones EA: Laparoscopic Pyeloplasty in Children. Annual Meeting American Urological Association, San Antonio 2005.
 - 39) Singer J, Roth DR **Cisek LJ Jr**: Prone Minimally-Invasive Retroperitoneal Lymph Node Dissection – Initial Experience. Annual Meeting American Urological Association, San Antonio 2005.
 - 40) **Cisek LJ Jr**, Jones EA: “Laparoscopic Repair of Inguinal Hernia in Children”. Video World Congress on Endourology and SWL, Amsterdam, 2005
 - 41) **Cisek LJ Jr**, Jones EA: “Laparoscopic Pediatric Inguinal Hernia Repair – The Lap Choly for the Pediatric Urologist? ”. World Congress on Endourology and SWL, Amsterdam, 2005
 - 42) Baughman SM, Zuniga ZV, Gonzales ET, Roth DR, Jones EA, **Cisek LJ Jr**: “Ureteroscopy in Children”. World Congress on Endourology and SWL, Amsterdam, 2005
 - 43) **Cisek LJ Jr**, Jones EA: “Laparoscopic Repair of Inguinal Hernia in Children”. Annual Meeting American Urological Association, Atlanta 2006.
 - 44) **Cisek LJ Jr** & Roth DR “Prone Minimally Invasive Retroperitoneal Lymph Node Dissection”. World Congress on Endourology and SW, Cleveland Aug 2006.
 - 45) **Cisek LJ Jr** “Laparoscopic Urachal Excision”. International Pediatric Endosurgery Group, Buenos Aries Sept 2007.
 - 46) **Cisek LJ Jr** Roth DR, Gonzales ET, Jones EA “Stenting is unnecessary in Laparoscopic Pyeloplasty”. International Pediatric Endosurgery Group, Buenos Aries Sept 2007.

- 47) **Cisek LJ Jr**, Roth DR, Gonzales ET, Jones EA “Prone Retroperitoneal Heminephrectomy”. International Pediatric Endosurgery Group, Buenos Aries Sept 2007.
- 48) **Cisek LJ Jr**, Roth DR, Gonzales ET, Jones EA “Prone Retroperitoneal Heminephrectomy”. American Academy of Pediatrics Oct 2007.
- 49) **Cisek LJ Jr**, Hsieh, MH, Roth, DR, Gonzales, ET., Jones, EA, Video: Prone Retroperitoscopy. International Pediatric Endosurgery Group, Cannes June 2008.
- 50) Metabolic evaluation of pediatric stone patients AAP 2008.
- 51) Bayne AP, Lee KA, Nelson ED, **Cisek LJ**, Gonzales ET, Roth DR: “The impact of surgical approach on patient outcomes in unstented pediatric pyeloplasties.” Abstract #9978. Children's Health. Climbing to New Heights. Walk Among the Giants of Pediatrics. American Academy of Pediatrics Annual Meeting, San Francisco, CA, October 2–5, 2010.
- 52) Nelson E, Mittakanti H, Bian S, Jackson K, Roth D, **Cisek LJ**. “Closed access in pediatric urologic laparoscopy? A viable alternative to open access in a large, contemporary series.” American Urological Association. Washington, DC, May, 2011.
- 53) Choi J, Nelson E, Bian S, Sathyamoorthy K, Roth D, **Cisek LJ**. “A Comparison of Laparoscopic and Open Inguinal Hernia Repair In Children.” AAP; 2011 October 15- 18; Boston, Mass, 2011
- 54) Choi J, **Cisek LJ**. “Evaluation of the contralateral inguinal ring in pediatric laparoscopic hernia repair”. WCE November 2011 Kyoto, Japan.
- 55) Nelson ED, Choi J, **Cisek LJ**. “Pediatric Laparoscopic Pyeloplasty using interrupted anastomotic suturing and minimal use of ureteral stenting: a report of 100 consecutive cases”. WCE November 2011 Kyoto Japan.
- 56) Choi J, **Cisek LJ**. “Laparoscopic prostatic utriclectomy: a case series of four children”. WCE November 2011 Kyoto, Japan.
- 57) Bayne AP, Choi J, **Cisek LJ**. “Single center experience with pediatric laparoscopic extravesicle reimplantation: Safe and effective in simple and complex anatomy”. WCE November 2011 Kyoto, Japan.
- 58) Choi J, **Cisek LJ**. “Video: Laparoscopic Mitrofanoff appendicovesicostomy”. WCE November 2011 Kyoto, Japan.
- 59) Jason Au, MD, Dung Pham, MD, Stephen Li, BS, John Hicks, MD, **Lars Cisek**, MD, David Roth, MD., Thirty Year Review of Pediatric Bladder Tumors: Beyond Rhabdomyosarcoma. Pediatric Fall Congress Poster, Las Vegas, September 2013
- 60) Cisek, LJ (in press). “Holding Water: Congenital Anomalies of the Urinary Tract, CKD, and the Ongoing Role of Excellence in Plumbing.” *Advances in Chronic Kidney Disease*. 2017; 1-7.

B. REFEREED

- 1) Ahearn JM Jr, Bartolomei MS, West ML, **Cisek LJ** Jr, Corden JL: Cloning and sequence analysis of the mouse genomic locus encoding the largest subunit of RNA polymerase II. *J Biol Chem* 262(22):10695– 10705, 1987.
- 2) **Cisek LJ** Jr, Corden JL: Phosphorylation of RNA polymerase by the murine homologue of the cell-cycle control protein cdc2. *Nature* 339(6227):679–684, 1989.
- 3) Hoss A, Moarefi I, Scheidtmann KH, **Cisek LJ** Jr, Corden JL, Dornreiter I, Arthur AK, Fanning E: Altered phosphorylation pattern of simian virus 40 T antigen expressed in insect cells by using a Baculovirus vector. *J Virol* 64 (10):4799–4807, 1990.
- 4) Pollard TD, Satterwhite L, **Cisek LJ** Jr, Corden J, Sato M, Maupin P: Actin and myosin biochemistry in relation to cytokinesis. *Ann NY Acad Sci* 582:120–130, 1990.
- 5) **Cisek LJ** Jr, Corden JL: Purification of protein kinases that phosphorylate the repetitive carboxyl-terminal domain of eukaryotic RNA polymerase II. *Methods Enzymol* 200:301–325, 1991.
- 6) Satterwhite LL, Lohka MJ, Wilson KL, Scherson TY, **Cisek LJ** Jr, Corden JL, Pollard TD: Phosphorylation of myosin-II regulatory light chain by cyclin- p34cdc2: A mechanism for the timing of cytokinesis. *J Cell Biol* 118(3):595–605, 1992.
- 7) Zawel L, Lu H, **Cisek LJ** Jr, Corden JL, Reinberg D: The cycling of RNA polymerase II during transcription. *Cold Spring Harb Symp Quant Biol* 58:187–198, 1993.
- 8) **Cisek LJ** Jr, Walsh PC: Thromboembolic complications following radical retropubic prostatectomy. Influence of external sequential pneumatic compression devices. *Urology* 42(4):406–408, 1993.
- 9) RatnerLE, **Cisek LJ** Jr, Moore RG, Cigarroa FG, Kaufman HS, Kavoussi LR: Laparoscopic live donor nephrectomy. *Transplantation* 60:1047–1049, 1995.
- 10) Berges RR, Vukanovic J, Epstein JI, Carmichel M, **Cisek LJ** Jr, Johnson DE, Veltri RW, Walsh PC, Isaacs JT: Implication of cell kinetic changes during the progression of human prostatic cancer. *Clin Cancer Res* 1(5):473–480, 1995.
- 11) Lin XS, Denmeade SR, **Cisek LJ** Jr, Isaacs JT: Mechanism and role of growth arrest in programmed (apoptotic) death of prostatic cancer cells induced by Thapsigargin. *Prostate* 33(3):201–207, 1997.
- 12) Gobet R, **Cisek LJ** Jr, Zotti P, Peters CA: Experimental vesicoureteral reflux in the fetus depends on bladder function and causes renal fibrosis. *J Urol* 160 (3 Pt 2):1058–1062; discussion 1079, 1998.
- 13) **Cisek LJ** Jr, Gobet RM, Peters CA: Pneumoperitoneum produces reversible renal dysfunction in animals with normal and chronically reduced renal function. *J Endourol* 12:95–100, 1998.

- 14) **Cisek LJ** Jr, Peters CA, Atala A, Bauer SB, Diamond DA, Retik AB: Current findings in diagnostic laparoscopic evaluation of the nonpalpable testis. *J Urol* 160 (3 Pt 2):1145–1149; discussion 1150, 1998.
- 15) Borer JG, **Cisek LJ** Jr, Atala A, Diamond DA, Retik AB, Peters CA: Pediatric retroperitoneoscopic nephrectomy using 2 mm instrumentation. *J Urol* 162(5):1725–1729; discussion 1730, 1999.
- 16) Gobet R, Bleakley J, **Cisek LJ** Jr, Kaefer M, Moses MA, Fernandez CA,CA: Fetal partial urethral obstruction causes renal fibrosis and is associated with proteolytic imbalance. *J Urol* 162 (3 Pt 1):854–860, 1999.
- 17) Gobet R, **Cisek LJ** Jr, Chang B, Barnewolt CE, Retik AB, Peters CA: Experimental fetal vesicoureteral reflux induces renal tubular and glomerular damage, and is associated with persistent bladder instability. *J Urol* 162 (3 Pt 2):1090–1095, 1999.
- 18) Gobet R, Park JM, Nguyen HT, Chang B, **Cisek LJ** Jr, Peters CA: Renal renin- angiotensin system dysregulation caused by partial bladder outlet obstruction in fetal sheep. *Kidney Int* 5(5)6:1654–1661, 1999.
- 19) Calvano CJ, Moran ME, Parekh A, Desai PJ, **Cisek LJ** Jr: Laparoscopic augmentation cystoplasty using the novel biomaterial Surgisis: Small-intestinal submucosa. *J Endourol* 14(2):213–217, 2000.
- 20) Santis WF, Sullivan MP, Gobet R, **Cisek LJ** Jr, McGoldrick RJ, Yalla SV, Peters CA: Characterization of ureteral dysfunction in an experimental model of congenital bladder outlet obstruction. *J Urol* 163(3):980–984, 2000.
- 21) Baker LA, Docimo SG, Surer I, Peters C, **Cisek LJ** Jr, Diamond DA, Caldamone A, Koyle M, Strand W, Moore R, Mevorach R, Brady J, Jordan G, Erhard M, Franco I: A multi-institutional analysis of laparoscopic orchidopexy. *BJU Int* 87(6):484–489, 2001.
- 22) Shu T, **Cisek LJ** Jr, Moore RG: Laparoscopic extravesical reimplantation for postpubertal vesicoureteral reflux. *J Endourol* 18(5):441–446, 2004.
- 23) Gobet, R., R. Norregaard, **L.J. Cisek**, C.A. Peters, S. Nielsen, and J. Frokiaer, Experimental congenital vesicoureteral reflux in sheep is associated with reduced renal expression levels of aquaporin 1 and 2. *J Urol*, 2008. 179(6): p. 2396-401; discussion 2401-2.
- 24) Bayne, A.P., R.J. Madden-Fuentes, E.A. Jones, **L.J. Cisek**, E.T. Gonzales, Jr., K.M. Reavis, D.R. Roth, and M.H. Hsieh, Factors associated with delayed treatment of acute testicular torsion do demographics or interhospital transfer matter? *J Urol*. 2010. 184(4 Suppl): p. 1743-7.
- 25) Hsieh, M.H., A. Bayne, **L.J. Cisek**, E.A. Jones, and D.R. Roth, Bladder injuries during laparoscopic orchiopexy: incidence and lessons learned. *J Urol*, 2009.182(1): p. 280-4; discussion 284-5.
- 26) Munch, E.M., **L.J. Cisek**, and D.R. Roth, Magnetic resonance imaging for prenatal diagnosis of multisystem disease: megacystis microcolon intestinal hypoperistalsis syndrome. *Urology*, 2009. 74(3): p. 592-4.

- 27) Hsieh, M.H., D.G. Alonzo, E.T. Gonzales, E.A. Jones, **L.J. Cisek**, and D.R. Roth, Ex-premature infant boys with hypospadias are similar in size to age-matched, ex-premature infant boys without hypospadias. 2010. *J Pediatr Urol.* 7(5):543-47.
- 28) Hsieh, M.H., R.J. Madden-Fuentes, A. Bayne, E. Munch, P. Wildenfels, S.J. Alexander, E.T. Gonzales, Jr., **L.J. Cisek**, E.A. Jones, and D.R. Roth, Cross-sectional evaluation of parental decision making factors for vesicoureteral reflux management in children. *J Urol.* 2010. 184(4 Suppl): p. 1589-93.
- 29) Kelley, B.P., S. Higuera, **L.J. Cisek**, J. Friedman, and L. Heller, Combined laparoscopic and microsurgical techniques for testicular autotransplantation: is this still an evolving technique? *J Reconstr Microsurg.* 2010. 26(8): p. 555-8.
- 30) Vemulakonda, V.M., M.A. Koyle, T.S. Lendvay, M.C. Risk, A.J. Kirsch, E.Y. Cheng, **L.J. Cisek**, and J.B. Campbell. Endoscopic treatment of symptomatic refluxing renal transplant ureteroneocystostomies in children. *Pediatr Transplant.* 2010. 14(2): p. 212-5.
- 31) Bayne, A.P., Lee, K.A, Nelson, E.D., **Cisek, L.J.**, Gonzales E.T. Jr, and Roth, D.R. The Impact of Surgical Approach and Urinary Diversion on Patient Outcomes in Pediatric Pyeloplasty. *J Urol,* 2011. 186(4): 1693-1699.
- 32) Choi, J.M., Bayne, A.P. Bian, S.X., Roth, D.R. and **Cisek, L.J.** A Single-Center Experience with Prone Retroperitoneoscopic Versus Open Renal Surgery in Children: An Age- and Procedure-Matched Comparison. *J Endourol,* 2011. 25(9):1563-1572.
- 33) Hsieh, M. H., D. G. Alonzo, et al. (2011). "Ex-premature infant boys with hypospadias are similar in size to age-matched, ex-premature infant boys without hypospadias." *Journal of pediatric urology* 7(5): 543-547.
- 34) Bayne, A. P., J. M. Shoss, et al. (2012). "Single-center experience with pediatric laparoscopic extravesical reimplantation: safe and effective in simple and complex anatomy." *Journal of laparoendoscopic & advanced surgical techniques. Part A* 22(1): 102-106.
- 35) Ethun, C. G., I. J. Zamora, et al. (2013). "Outcomes of fetuses with lower urinary tract obstruction treated with vesicoamniotic shunt: a single- institution experience." *Journal of pediatric surgery* 48(5): 956-962.
- 36) Munden, M. M., J. L. Williams, et al. (2013). "Intermittent testicular torsion in the pediatric patient: sonographic indicators of a difficult diagnosis." *AJR. American journal of roentgenology* 201(4): 912-918.
- 37) **Cisek, L.J.**, Editorial comment. *The Journal of urology,* 2014. 191(4): p. 1096.
- 38) **Cisek, L.J.**, Commentary to 'Changes in Cajal cell density in ureteropelvic junction obstruction in children'. *Journal of pediatric urology,* 2015.

C. CHAPTERS

- 1) **Cisek LJ Jr**, Fauza DO: Minimally invasive surgery in pediatric urology. In: Marchese LT, Velhote MCP, Rocha RFC (eds): Minimally Invasive Pediatric Surgery. Rio de Janeiro-RJ, Brazil: Rocca.
- 2) **Cisek LJ Jr** Docimo SJ. Anomalies of the lower ureter: minimally invasive treatment options. Moore RG (eds). Minimally Invasive Urologic Surgery, 2005 Taylor & Francis.

D. INVITED LECTURES, PRESENTATIONS, AND RESEARCH SEMINARS

- 1) Faculty, Laparoscopy in Urology, Update on Minimally Invasive Surgery: 2002, Houston April 9-10, 2002.
- 2) Faculty, "Laparoscopic-Assisted Urinary Tract Reconstruction" and "Management of the Undescended Testicle – Is There Anything New?" 10th Innovations in Urologic Practice, Santa Fe, NM, September 26–28, 2002.
- 3) Faculty, "Management of the Adolescent with a Varicocele," "DaVinci, Zeus, and the Renaissance in Surgery," and "Two-Millimeter Veress Access for Pediatric Urological Laparoscopy (Video)." 11th Innovations in Urologic Practice, Santa Fe, NM, September 18–20, 2003.
- 4) Faculty, "Access Strategies for Laparoscopy – How to Get In and Out," "Pediatric Urolithiasis," and "Update on Reflux." 12th Innovations in Urologic Practice, Santa Fe, NM, September 30 – October 2, 2004.
- 5) Panel Member, Video Forum On Advanced Injection Techniques - Injection For High- Grade Reflux. Society for Pediatric Urology. San Antonio, 2005.
- 6) Faculty, "UTI's, VCUg's and Reflux - Much Ado About Nothing?," "Pediatric Practice Update, Houston, TX March 30- April 1 2005.
- 7) Faculty, "Minimally Invasive Approaches to UPJ Obstruction," "Surgical Pearls – Laparoscopy in Obesity," "Trouble – Getting Out, Staying Out" 13th Innovations in Urologic Practice, Santa Fe, NM, Sept 22 – 25, 2005.
- 8) Co-Director, "Management of Pediatric Urololithiasis," "To Circ or not to Circ - Circumcision and Health," "Oops, Complications During Laparoscopic Surgery", 14th Innovations in Urologic Practice, Santa Fe, NM, Sept 28 – 30, 2006.
- 9) Co-Director, "Laparoscopic Complications". 1st pediatric Urology Fellow Laparoscopy Course. Toronto, July 2007.
- 10) Panel Member, Video Forum, Laparoscopy – Extreme retroperitoneal laparoscopy. Society for Pediatric Urology], Anaheim, 2007.

- 11) Faculty Member, Pediatric Urology Laparoscopy Course, Toronto, July, 2007.
- 12) Co-Director, "Practice differences: Adult vs Pediatric Urology" 15th Innovations in Urologic Practice, Santa Fe, NM, Oct 18-20, 2007.
- 13) Faculty Member, "Laparoscopy: Physiology and Complications." Pediatric Urology Board Review Course, Dallas February 2008.
- 14) Panel Member, Video Forum: Less Common Ureteral reimplantation Surgery-Laparoscopic ureteral reimplantation, Society for Pediatric Urology/AUA, Orlando 2008.
- 15) Co- director, Laparoscopic Complications. 2nd Pediatric Urology Laparoscopy Course, Toronto, August, 2008.
- 16) Challenges in Pediatric Urology: The Epidemic of Childhood Obesity Obesity and Pediatric Stone Disease Lars Cisek, MD SPU Apl 2009 Chicago.
- 17) Faculty Member, Port placement laparoscopy. 4th Pediatric Urology Laparoscopy Course, Toronto, August, 2010.
- 18) Faculty Member, Port placement laparoscopy. 5th Pediatric Urology Laparoscopy Course, Toronto, August 2011.
- 19) Faculty Member, Complications. 6th Pediatric Urology Laparoscopy Course, Toronto, August 2012.
- 20) Faculty Member, Comlications. 7th Pediatric Urology Laparoscopy Course, Toronto, August 2013

RESEARCH SUPPORT:

1. *Title of Project (and/or Subproject):* Ecology of Antibiotic Resistance Plasmids in Salmonella
Principal Investigator: Charles E. Benson, Ph.D.
Institution: Department of Microbiology,
 University of Pennsylvania, School of Medicine
 Philadelphia, PA
Dates of Project: 1981–1982
2. *Title of Project (and/or Subproject):* Phosphorylation of the Carboxyl Terminal Repetitive Domain of the Largest Subunit of RNA Polymerase II
Principal Investigator: Jeffrey LCorden, Ph.D.
Institution: Department of Molecular Biology and Genetics,
 Johns Hopkins University, School of Medicine
 Baltimore, MD
Dates of Project: 1985-1990
3. *Title of Project (and/or Subproject):* Development of Minimally Proliferative *In Vitro* Prostate

- Tumor Model for Modeling of Antineoplastic Treatments,
Investigation of Antineoplastic Properties of Fatty Acid
Synthetase Inhibitors
- Principal Investigator:* John T. Isaacs, Ph.D.
Institution: Brady Urologic Institute and The Oncology Center
Johns Hopkins Hospital,
Baltimore, MD
Dates of Project: 1993–1994
4. *Title of Project (and/or Subproject):* Mechanisms of Wound Healing; Effects and Applications of
Cationic Resins in Surgery and Wound Repair
Principal Investigators: Nabil Tawil, Ph.D. and Eliot Gruskin, Ph.D.
Institution: United States Surgical Corporation
North Haven, CT
Dates of Project: 1997
5. *Title of Project (and/or Subproject):* The Role of Minimally Invasive Surgical Approaches to
Pediatric Urologic Disease; Issues in and Methods of Surgical
Approaches to the Fetus, Evaluation of Bulking Agents for
Urologic Applications, Advanced Laparoscopic Techniques
Development; Biochemistry of Ureteral Wound Healing
Principal Investigators: Craig A. Peters, M.D., Arthur Lage, D.V.M., and
Amour R. Forse, M.D.
Institution: Harvard Center for Minimally Invasive Surgery,
Boston, MA
Dates of Project: 1996–1999