**CURRICULUM VITAE**

**Kelley E. Capocelli**

**EDUCATION:**

2004 M.D., University of Colorado School of Medicine

1997 M.A., Biological Anthropology, Colorado State University

1994 B.A., Sociology and Anthropology, Carleton College

**POSTDOCTORAL TRAINING:**

2009-2010 Pediatric Pathology Fellowship, Department of Pathology, Children’s Hospital of Pittsburgh, University of Pittsburgh Medical Center, Pittsburgh, PA

2008-2009 Transfusion Medicine Fellowship, Department of Pathology, University of Colorado Denver School of Medicine, Aurora, CO

2007-2008 Chief Resident, Anatomic and Clinical Pathology, The Children’s Hospital, University of Colorado Denver School of Medicine, Aurora, CO

2004-2007 Residency (Anatomic and Clinical Pathology), Department of Pathology, University of Colorado School of Medicine, Aurora, CO

**PROFESSIONAL APPOINTMENTS:**

**Academic Appointments**

Associate Professor, Department of Pathology, University of Colorado, July 2017 to present

Assistant Professor, Department of Pathology, University of Colorado, 2010-June 2017

**Hospital Appointments**

Medical Director, Anatomic Pathology, Children’s Hospital Colorado, April 2015-present

Medical Director, Point of Care Testing, Care by Children’s Hospital Colorado, North Campus, July 2012-present

Medical Director, Point of Care Testing, Care by Children’s Hospital Colorado, Lutheran Hospital, July 2012-present

Medical Director, Point of Care Testing, Care by Children’s Hospital Colorado, Parker Adventist Hospital, July 2012-present

Medical Director, Point of Care Testing, Care by Children’s Hospital Colorado, St. Joseph’s Hospital, July 2012-present

Medical Director, Transfusion Medicine Services, Children’s Hospital Colorado, July 2011-present

Medical Director, Point of Care Testing, Care by Children’s Hospital Colorado, Littleton Clinics, July 2012-December 2013

Associate Medical Director, Transfusion Medicine Services, The Children’s Hospital, July 2010-June 2011

Staff Pathologist, Pediatric Pathology and Transfusion Medicine, Children’s Hospital Colorado, July 2010-present

**HONORS, SPECIAL RECOGNITIONS, AND AWARDS:**

2015 Provider of the Month, September 2015, Children's Hospital Colorado

2014-2015 Young Women Faculty Leadership Training, Department of Pathology Representative

2014 Summit Award, Department of Pathology – excellence in teaching and the education of pathologists

2013 Century Award, Children’s Hospital Colorado – recognized leadership role in a hospital-wide initiative in Hemovigilance

2011 Housestaff Association Annual Survey, Faculty member recognized for outstanding service or education

2009 Paul E. Strandjord Young Investigator Award from the Academy of Clinical Physicians and Scientists, June 2009

2008-2009 Excellence in Teaching Pathology in the General and Systemic Pathology Course, Child Health Associate/Physician Assistant Program Class of 2011

2008-2009 Excellence in Teaching, General Pathology 5514, Dental School Class of 2012

2007-2008 Excellence in Teaching Pathology in the General and Systemic Pathology Course, Child Health Associate/Physician Assistant Program Class of 2010

2007-2008 Excellence in Teaching, General Pathology 5514, Dental School Class of 2011

2006-2007 Excellence in Teaching Pathology in the General and Systemic Pathology Course, Child Health Associate/Physician Assistant Program Class of 2009

2006-2007 Excellence in Teaching, General Pathology 5514, Dental School Class of 2010

**MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS:**

American Society for Apheresis, 2008-present

AABB, 2008-present

Society for Pediatric Pathology, 2007-present

College of American Pathologists, 2004–present

 Fellow since 11/2008

United States and Canadian Academy of Pathology, 2004-present

American Society of Clinical Pathologists, 2004–present

 Fellow since 11/2008

Colorado Society of Clinical Pathologists, 2004-present

**COMMITTEE SERVICE:**

Departmental

* Pediatric Pathology Fellowship Clinical Competency Committee, 2014-present
* Transfusion Medicine Fellowship Clinical Competency Committee, 2013-present
* Residency Selection Committee, 2010-present
* Residency Curriculum Committee, 2010-present
* Pediatric Pathology Fellowship Committee, 2010-present
* Hematopathology Fellowship Committee, 2010-2012
* Blood Banking/Transfusion Medicine Fellowship Committee, 2010-present

School of Medicine

* Faculty Senate, Pathology Department representative, 2014-2016
* Anschutz Medical Campus Faculty Assembly, School of Medicine representative – 2014-2016

Institutional -- Children's Hospital Colorado

* LIS Selection Committee, Children’s Hospital Colorado, 2014-present
* HIM Committee, Children’s Hospital Colorado, 2016-present
* Provider/Nursing Oversight Panel, Children's Hospital Colorado, 2014-2016
* Maternal Fetal Medicine Blood/Blood Product PI Team, Children's Hospital Colorado, 2013-present
* Clinical Operational Effectiveness and Patient Safety Small Grants Review Team, Children's Hospital Colorado, 2012-present
* Perioperative Services Blood/Blood Product PI Team, Children's Hospital Colorado, 2012-present
* Trauma Committee, Children's Hospital Colorado, 2011-present
* FACT Committee, Children's Hospital Colorado, 2011-present
* SQALQAS, Children’s Hospital Colorado, 2011-present
* Department of Pathology and Laboratory Medicine Leadership Team, 2011-present
* Blood Utilization Review Team, Children’s Hospital Colorado, 2008-present

National

* ASFA Clinical Applications Committee
	+ Extracorporeal Photopheresis Committee, 2016-present
	+ Pediatric Apheresis Subgroup, 2010-present
* AABB
	+ Education Program Committee, 2017-present
	+ Education Advisory Accreditation Committee, 2017-present
		- Chair, 2017 to present
	+ “Essentials” BB/TS Standards Committee, 2016-present
	+ Regulatory Affairs Committee, 2016-present
	+ Transfusion Medicine Services Coordinating Committee, 2014-present
		- Member At-Large, 2015-present
		- Co-chair, Pediatric Subsection, 2014-2015
	+ Blood Banks and Transfusion Services Accreditation Program Unit, 2014-2017
		- Chair, 2014-2017
	+ Accreditation Program Committee, 2013-present
	+ BB/TS Standards Committee, 2013-present
	+ Global BB/TS Standards Program Unit, 2015-2016
	+ Strategic Abstract Working Group, 2015-2016
	+ Transfusion Medicine Accreditation Program Unit, 2011-2014
		- Chair, 2013-2014
	+ Therapeutic and Apheresis and Transfusion Practices Section, 2011-present
	+ Clinical Transfusion Medicine Committee, 2011-2015
	+ CT Product Collection and Clinical Practices subsection, 2011-present
	+ Assessor, Laboratory Accreditation Program, 2011-present
		- Team Lead, 2016-present
* Registry for Eosinophilic Gastrointestinal Diseases
	+ Member of The AGREE (A working Group on ppi-REE) Conference – Towards consensus on PPI use in esophageal eosinophilia
	+ Pathology subcommittee – 2010 to present
* Society for Pediatric Pathology
	+ 2013-2016 – Research Committee
	+ -2014 –Slide Survey Committee
	+ 2009-2014 – Education Committee
	+ 2008-2013 – Fellowship Committee
* College of American Pathology
	+ Abstract Review Committee, 2012-present
	+ Inspector, 2006-present

**MEDICAL AND SERVICE INFORMATION:**

**PATIENT CARE RESPONSIBILITIES**

**Surgical Pathology –** average 1 week (25% time) and one weekend a month with 24/7 coverage.

Children’s Hospital Colorado – Aurora, CO 2010-present

Medical director of anatomic pathology services, which includes surgical pathology, immunohistochemistry, electron microscopy, and autopsy services.

Consultation expert in gastrointestinal and liver pathology.

General surgical pathology including gastrointestinal biopsies (including transplant biopsies), renal biopsies (transplant and non-transplant), liver biopsies (transplant and nontransplant), heart biopsies (transplant and non-transplant), central nervous system (intraoperative consultation only), tumor specimens, and skin biopsies.

**Autopsy Pathology --** average 1 week (25%) time and one weekend a month with 24/7 coverage

Children’s Hospital Colorado – Aurora, CO 2010-present

 Autopsy service.

**Transfusion medicine service –** 10 days a month (50% time) and one weekend a month with 24/7 coverage.

Children’s Hospital Colorado – Aurora, CO 2010-present

Medical director of transfusion medicine services, including Blood Bank, Therapeutic Apheresis Clinic, and Donor Center.

Apheresis physician overseeing multiple procedures including red blood cell exchanges, therapeutic plasma exchanges, extracorporeal photopheresis, leukoreduction, granulocyte collections, therapeutic phlebotomies, red cell reductions, and peripheral hematopoietic progenitor blood stem cell collections.

On-service weeks responsible for oversight of donor center questions regarding donor safety issues, donor qualifications and product issues.

Also responsible for blood bank antibody and transfusion reaction evaluations and oversight of blood bank technologist questions.

**CLINICAL LABORATORY RESPONSIBILITIES**

Children’s Hospital Colorado – Aurora, CO

Evening and weekend general clinical pathology call responsibility, average 2 weeks (50% time) and one weekend a month with 24/7 coverage.

**COMMUNITY SERVICE:**

St. Pius Catholic School – dissection lab, 7th grade science class, 2016-present

Ave Maria Catholic School – invited speaker, “What It Means to be a Doctor,” 1st grade classes, May 2011

Ave Maria Catholic School – fetal pig dissection with 7th grade science class, March 2013

St. Pius Catholic School – organ show and tell with 5th grade science class, May 2015

Bishop Machebeuf High School – organ show and tell with 9th grade Honors Biology class, May 2015

Bishop Machebeuf High School – facilitated field trip to Children’s Hospital Colorado with tour of the laboratory, 9th grade Honors Biology class, May 2015

**LICENSURE AND BOARD CERTIFICATION:**

Patient Blood Management Certificate, TransFuse, Mayo Clinic 3/2014

Diplomate of the American Board of Pathology

Certified in Anatomic and Clinical Pathology, 11/7/2008, expires 12/31/2018

Certified in Blood Banking and Transfusion Medicine 10/19/2009, expires 12/31/2019

Certified in Pediatric Pathology, 9/7/2011, expires 12/31/2021

**REVIEW AND REFEREE WORK:**

Section Editor, Coagulation section of *Archives of Pathology and Laboratory Medicine*, June 2012 to present

Reviewer, *Hepatology*, March 2017 to present

Reviewer, *Vox Sanguinis*, October 2016 to present

Reviewer, *Journal of Clinical Apheresis*, February 2016 to present

Reviewer, *Transfusion,* September 2014 to present

Reviewer, *Pediatric Blood and Cancer*, October 2014 to present

**INVITED EXTRAMURAL LECTURES, PRESENTATIONS, AND VISITING PROFESSORSHIPS:**

**LOCAL**

1. Invited lecture, Trauma and the Blood Bank, ED CCTRN Conference, Children’s Hospital Colorado, August 2017.
2. Invited lecture, Blood Inventory Management in a Level One Trauma Center, Trauma Lecture Series, Children’s Hospital Colorado, July 2017.
3. Invited lecture, Transfusion Medicine 101, PICU Fellows’ Conference, Children’s Hospital Colorado, May 2017.
4. Invited lecture, Therapeutic Apheresis, PICU Fellows’ Conference, Children’s Hospital Colorado, May 2017.
5. Invited lecture, Transfusion in the Neonate: The When, What, and How, 38th Annual Perinatal Clinical Update: Recent Advances and Current Controversies, Children’s Hospital Colorado, May 2017.
6. Invited lecture, “Therapeutic plasma exchange – Case study”, Denver Successions Conference, Terumo BCT, Children’s Hospital Colorado, January 2017.
7. Invited lecture, “Red blood cell exchange – Case study”, Denver Successions Conference, Terumo BCT, Children’s Hospital Colorado, January 2017.
8. Invited lecture, Transfusion Reactions: Fever, Hives, and Other Woes, Colorado Pediatric Trauma Conference, Children’s Hospital Colorado, November 2016.
9. Invited lecture, Clinical Concepts and Conundrums in Pediatric Hospital Medicine, “Pediatric Transfusion Medicine – Puzzles, Riddles, and Rubik’s Cubes”, Children’s Hospital Colorado, September 2016.
10. Invited lecture, Pathology Grand Rounds, “Eosinophilic Gastrointestinal Diseases – A Pathologist’s Perspective”, University of Colorado Denver Anschutz Medical Campus, December 2015.
11. Invited lecture, Pathology Grand Rounds, “Development of a Patient Blood Management System”, University of Colorado Denver Anschutz Medical Campus, May 2014.
12. Invited lecture, “CAP two-sample requirement: Children’s Hospital Colorado protocol”, Anesthesiology Grand Rounds, Children’s Hospital Colorado, December 2014.
13. Invited lecture, “TRALI, TACO, and TAD: Which one is it?” Anesthesiology Morbidity and Mortality Conference, Children's Hospital Colorado, September 2014.
14. Invited lecture, “Children's Hospital Colorado Blood Management Program,” Neonatology Noon Conference, September 2014.
15. Invited lecture, “Malaria 101,” Children’s Hospital Colorado, Hematology, Department of Pathology and Laboratory Medicine, May 2012.
16. Invited lecture, “Hemovigilance,” Children’s Hospital Colorado, Neonatalogy Noon Conference, May 2012.
17. Invited lecture, “The How and Why of Manipulation of Blood Products,” Anesthesiology Morning Rounds, Children’s Hospital Colorado, February 2012.
18. Invited lecture, “Cardiac Allograft Pathology,” Pediatric Pathology Fellow’s Conference, Children’s Hospital Colorado, Aurora, CO, December 2011.
19. Invited lecture, “The ABCs of Directed Donation,” Anesthesiology Morning Rounds, February 2011.
20. Invited lecture, “The ABCs of Directed Donation,” Heart Institute, Children’s Hospital Colorado, Aurora, CO, January 2011.
21. Invited lecture, “History of Transfusion Medicine,” The Children’s Hospital, Aurora, CO, April 2009.
22. Invited lecture, Pathology Grand Rounds, “Evaluation and Management of Platelet Refractoriness,” University of Colorado Denver Anschutz Medical Campus, May 2009.
23. Invited lecture, Pathology Grand Rounds, “Advances in TRALI”, University of Colorado Denver Anschutz Medical Campus, April 2008.

**REGIONAL**

1. Invited lecture, “The Steatotic Metabolic Liver Biopsy: Role of the Pathologist”, Spring CSCP meeting, Aurora, CO, April 2017.
2. Invited lecture, “TRALI – What’s New”, ASCLS (Colorado and Wyoming Chapters), CACMLE and CLMA, Aurora, CO, April 2015.
3. Invited lecture, “Fever, Hives, and Other Woes – A Review of Transfusion Reactions.” CACMLE 2011 Lecture Series, November 2011.
4. Invited lecture, “Evaluation and Management of Platelet Refractoriness,” ASCLS (Colorado and Wyoming Chapters), CACMLE and CLMA, Aurora, CO May 2009.

**NATIONAL**

1. Session Chair, Pediatric Pathology Platform Session, SPP Annual Meeting, Denver, CO, September 7-9, 2017.
2. Invited Speaker, SPP 2017 Annual Meeting, “Personalization in Transfusion Medicine: Molecular Genotyping of Blood Products”, September 7, 2017.
3. Invited Speaker, ASFA 2017 Annual Meeting, “Pediatric Peripheral Blood Cellular Collections: Lines, Primes, and Kinds”, May 6, 2017.
4. Invited Speaker, ASCP Live Webcast, “Patient Blood Management: A Pediatric Perspective”, November 3, 2016.
5. Invited Speaker, Sizzling Topics Luncheon - New Frontiers in Cellular Therapy: Manufacturing Pancreatic Islets for Transplantation and Collecting Mononuclear Cell for Cancer Immunotherapy, “Collecting Mononuclear Cell Concentrates from Children”, 2016 AABB Meeting, Orlando, FL, October 21-25, 2016.
6. Invited Speaker, Assessor Day, “Standards Clarifications”, 2016 AABB Meeting, Orlando, FL, October 21-25, 2016.
7. Invited Speaker, “The Frozen Section and Hirschsprung Disease”, Kalispell Regional Medical Center, July 28-29, 2016.
8. Invited Speaker, “The Importance of Optimized Apheresis in the Development of Cell-Based Immunotherapies”, TerumoBCT presentation at 2016 ASFA meeting, Palm Springs, CA, May 5-7, 2016.
9. Session Chair, Pediatric Pathology Platform Session, SPP Annual Meeting, Toronto, Ontario, CA, September 30-October 2, 2015.
10. Invited Speaker, “Understanding Your Lab Results” and “The Role of the Pathologist in Eosinophilic Gastrointestinal Disease”, 2015 Utah Food and Allergy Meeting, Salt Lake City, UT, June 2015.
11. Session Chair, Pediatric Pathology Platform Session, SPP Annual Meeting, Boston, MA, March 19-22, 2015.
12. Invited Speaker, Pediatric Transfusion Medicine Research and Progress Session, “Transfusing Low-Birthweight Infants – Pros and Cons”, 2014 AABB Meeting, Philadelphia, PA, October 2014.
13. Invited Speaker, 2014 AABB Assessor Day, “TRALI and the Standards: Role of the Assessor”, Philadelphia, PA, October 2014.
14. Invited Speaker, “Understanding Your Lab Results”, American Partnership for Eosinophilic Disorders Annual Meeting, Denver, CO, July 2014.
15. Conference, “The Efficacy of Therapeutic Plasma Exchange in Various Pediatric Diseases: Tales from the Trenches II.” AABB 2013 Annual Meeting, Denver, CO, October 2013.
16. Session Chair, Pediatric Pathology Platform Session, SPP Annual Meeting, Salt Lake City, Utah, September 2013.
17. Delegate for NIH Scientific Symposium on Therapeutic Apheresis, Bethesda, MD, Nov 27-28, 2012.
18. Conference, “Pediatric Transfusion Guidelines: Transfusion Thresholds, Clinician-Driven Guidelines, and Optimization of Blood Ordering Practices through the Electronic Medical Record.” AABB 2012 Annual Meeting, San Diego, CA, October 2012.
19. Conference, “The Efficacy of Therapeutic Plasma Exchange in Various Pediatric Diseases: Tales from the Trenches.” AABB 2012 Annual Meeting, San Diego, CA, October 2012.
20. Conference, “Extracorporeal Photopheresis – Pediatric and Adult Perspectives.” AABB 2011 Annual Meeting, San Diego, CA, October 2011.
21. Conference, “Therapeutic Apheresis and Stem Cell Collections in a Pediatric Population: Use of Peripheral Access versus Central Access for Apheresis Procedures in Infants and Children.” AABB 2010 Annual Meeting, Baltimore, MD, October 2010.

**INTERNATIONAL MEETINGS**

Delegate for International Consensus Conference on Risk-Based Decision Making for Blood Safety, Toronto, Canada Oct 26-28, 2010.

**TEACHING EXPERIENCE:**

**Didactic teaching**

|  |  |
| --- | --- |
| **Course name** | **Dates** |
| **Medical Students** |  |
| Disease and Defense Block* Chemical Mediators of Inflammation
* Tissue repair
 | January 2015January 2015 |
| Small group facilitator* IDPT6003 Life Cycle
	+ Male and Female Reproductive Organ Neoplasms
	+ Placental and Breast Pathology Cases
	+ Pathology of the Female Reproductive Health Tract
	+ Pathology of the Male Reproductive Health Tract
* IDPT5004A Disease and Defense
	+ Neoplasia
* IDPT5005A Cardiovascular/Pulmonary/Renal
	+ Valvular Disease
	+ Cardiovascular Ischemic Disease
	+ Miscellaneous Cardiovascular Diseases
	+ Inflammatory Lung Disease
	+ Nephritic Glomerular Diseases
	+ Nephrotic Glomerular Diseases
	+ Chronic Renal Failure
	+ Urinary Tract Infection/Tubulointerstitial Diseases of the Kidneys
	+ Tumors of the Kidney and Urinary Tract
* DEMS SG Digestive, Endocrine, Metabolic System, Sessions 1-4
 | January 2012February 2011January 2011January 2011February 2010; February2011April 2011; April 2012April 2011; April 2012May 2011; May 2012May 2011; May 2012May 2011; May 2012May 2011; May 2012May2011; May 2012May 2011; May 2012May 2011; May 2012October 2013 |
| **Residents** |  |
| Pathology resident morning lecture series* Cardiac Allograft Pathology
* Review of Therapeutic Apheresis I
* Review of Therapeutic Apheresis II
 | April 2012August 2012August 2012 |
| **Fellows** |  |
| Transfusion Medicine Fellow morning lecture series* Hemovigilance
* Prospective Blood Utilization Guidelines
* Patient Blood Management
* Therapeutic Plasma Exchange
 | October 2010, 2011; November 2013, 2015; June 2017February 2011, 2012, 2013, 2015April 2011, 2012, 2013, 2015; July 2017July 2017March 2017 |
| Pediatric Pathology Fellow lecture series* Cardiac Allograft Pathology
* Review of Therapeutic Apheresis
* Review of Eosinophilic Gastrointestinal Diseases
* Review of Celiac Disease
* Pancreas, Liver Tumors
* GI Inflammatory and Malabsorption Disorders
* Neonatal Cholestasis/Other Liver
* GI Malformations and Tumors
 | March 2012May 2013June 2015November 2015June 2017June 2017June 2017June 2017 |
| Pediatric Hematology/Oncology Winterlude lecture series* Transfusion Regulatory Issues
 | January 2015, 2016; February 2017 |

**Service/Clinic attending duties**

|  |  |
| --- | --- |
| Apheresis Clinic* Supervision and bedside teaching of residents and fellows
 | 2010-present* 6 hours/week on average
 |
| Surgical pathology* Supervision and microscope teaching of residents and fellows
 | 2010-present* 20 hours/month on average
 |
| Autopsy pathology* Supervision, teaching of gross and histologic examination to residents and fellows
 | 2010-present* 10 hours/month on average
 |

**Non-Didactic teaching**

|  |  |
| --- | --- |
| Monthly GI conference* Training of GI residents/fellows at the microscope during monthly pathology review session
 | 2010-present* 2 hours/month on average
 |
| Unknown Peds Path conference * Discussion of interesting cases at the microscope with pathology residents and fellows
 | 2006-present* 4 hours/month on average
 |
| Morbidity and mortality conference, various departments (case dependent) * Discussion of interesting cases/autopsies with attendings and housestaff from the requesting department
 | 2006-present* varies
 |
| Hematology-Oncology Fellows/Resident Conference, weekly  | 2006-2013* 1 hour/month on average
 |

**MENTORING EXPERIENCE:**

2015 – 2017 Nathalie Nguygen, MD, Pediatric Gastroenterology Fellow, CHCO.

2012-2015 Mary Boruta, MD, Pediatric Gastroenterology Fellow, CHCO.

* Fellowship Oversight Committee, 2013 – 2015.

2012 – 2015 Shahan D Fernando, MD, Pediatric Gastroenterology Fellow, CHCO.

2013-2014 Joel Kniep, Transfusion Medicine Fellow, UCH and CHCO.

* Currently Transfusion Medicine Physician and Assistant Professor of Pathology, University of Colorado.

2011-2013 Melkon DomBourian, Pathology Resident, UCH and CHCO.

* Currently Transfusion Medicine Physician and Medical Directory of Chemistry, Assistant Professor of Pathology, University of Colorado.

**RESEARCH:**

1. Consortium of Eosinophilic Gastrointestinal Disease Researchers (CEGIR) U54 Grant, Co-investigator, 2013-present
2. Prospective, Multicenter Study to compare and validate endoscopic, histologic, and self-reported endpoints in pediatric and adult patients with EoE, EG, and EC (CEGIR U54 clinical trial 1), COMIRB #13-1449, Co-investigator, 2013-present
3. Use of Unsedated Nasal Esophagoscopy Using Ultrathin Pediatric Endoscopy for Monitoring Therapy in Eosinophilic Esophagitis, COMIRB #13-2721, Co-investigator, 2013-present
4. U54 AI117804 NIH salary support $12,500/year
5. TMSCC Hyperkalemia and Transfusion Project, AABB, 2015
6. The Natural History of Autoimmune Hepatitis and Corresponding Azathioprine Dosing, COMIRB Protocol 13-2662, Co-investigator, 2014-present, no salary support
7. Fibrostenotic Eosinophilic Esophagitis: endoscopic, histologic, and molecular characterization, COMIRB #14-0594, Co-investigator, 2014-present, no salary support
8. TMSCC MTP Project, AABB, 2014
9. TMSCC Pediatric Benchmarking Project, AABB, 2014
10. Age of Blood in Children in Pediatric Intensive Care Units (ABC-PICU), Multi-institutional, Principal investigator, NIH R01 HL116383-01, 2014-present, no salary support provided
11. Comparison of Compensatory Reserve Index to Intravascular Volume Change and Stroke Volume during Blood Donation – COMIRB #13-2334, Co-investigator, 2013-present
12. Registry for Eosinophilic Gastrointestinal Diseases (REGID), COMIRB #11-0148, Co-investigator, 2011-present
13. Ferritin Levels in Blood Donors ORRQIRP1310-8 – Primary investigator, 2013-2015
14. Upper Endoscopy in Children: Indications and Findings – COMIRB #10-1247, Co-investigator, 2010-2014, NIH RO1 SD004086, no salary support provided
15. Validation of an EoE Symptom Activity Index (EEsAI), COMIRB #09-1168, Co-investigator, 2009-present
16. Non-Alcoholic Fatty Liver Disease and Obstructive Sleep Apnea: Mechanistic Links between Hypoxemia and Liver Injury – COMIRB #09-0169, Co-investigator, 2009-present
17. Longitudinal cohort study determining outcome of eosinophilic gastrointestinal inflammation, COMIRB 08-0348, Co-investigator, 2008-present
18. Histopathological Assessment of Gastrointestinal Eosinophilic Inflammation – COMIRB #07-0888, Co-investigator, 2007-present
19. Eosinophils and gastrointestinal inflammation, COMIRB #07-0223, Co-investigator, 2007-present

**BIBLIOGRAPHY:**

1. Expression of vascular endothelial growth factor and proliferation marker MIB1 are influenced by neoadjuvant chemotherapy in locally advanced breast cancer. Singh M, **Capocelli KE**, Marks JL, Schleicher RB, Finlayson CA, Seligman PA. Appl Immunohistochem Mol Morphol, 2005 Jun; 13(2):147-156, PMID 15894927; <http://www.ncbi.nlm.nih.gov/pubmed/15894927>.
2. Eosinophilic esophagitis: the newest esophageal inflammatory disease.Atkins D, Kramer R, **Capocelli KE**, Lovell MA, and Furuta GT. Nat Rev Gastroenterol Hepatol, 2009 May; 6(5):267–278, PMID 19404267; <http://www.ncbi.nlm.nih.gov/pubmed/19404267>.
3. First succesful antegrade single-balloon enteroscopy in a 3-year-old with occult GI bleeding. Kramer RE, Brumbaugh DE, Soden JS, **Capocelli** **KE**, Hoffenberg EJ. Gastrointest Endosc. 2009 Sep;70(3):546-9, PMID 19559431; <http://www.ncbi.nlm.nih.gov/pubmed/19559431>.
4. [Thymoma in children: report of 2 cases and review of the literature.](http://www.ncbi.nlm.nih.gov/pubmed/20055684) Liang X, Lovell MA, **Capocelli KE**, Albano EA, Birch S, Keating AK, Graham DK. Pediatr Dev Pathol. 2010 May-Jun; 13(3):202-8, PMID 20055684; <http://www.ncbi.nlm.nih.gov/pubmed/20055684>.
5. Feeding dysfunction in children with eosinophilic gastrointestinal diseases. Mukkada VA, Creskoff Maune N, Haas A, **Capocelli KE**, Petersburg S, Moore W, Lovell MA, Fleischer DM, Furuta GT, Atkins D. Pediatrics, 2010 Sep;126(3):e672-e677, PMID 20696733; <http://www.ncbi.nlm.nih.gov/pubmed/20696733>.
6. Multinodular leptomeningeal metastases from ETANTR contain both small blue cell and maturing neuropil elements. Kleinschmidt-DeMasters BK,Boylan A, **Capocelli KE**, Boyer PJ, Foreman NK. Acta Neuropathol, 2011 Dec; 122(6):783-785, PMID 22033877; <http://www.ncbi.nlm.nih.gov/pubmed/22033877>.
7. Successful pulmonary artery embolectomy in a patient with a saddle Wilms tumor embolus. Cooper L, Moore C, Branchford B, Greffe B, **Capocelli K**, Kuder A, Mehta I, Mourani PM. Pediatric Blood and Cancer, 2012 May; 58(5):806-9, PMID 21681933; <http://www.ncbi.nlm.nih.gov/pubmed/21681933>.
8. Eosinophilic esophagitis: epithelial mesenchymal transition contributes to esophageal remodeling and reverses with treatment. Kagalwalla AF, Akhtar N, Woodruff SA, Rea B, Masterson JC, Mukkada V, Parashette KR, Du J, Fillon S, Protheroe CA, Lee JJ, Amsden K, Melin-Aldana H, **Capocelli KE**, Furuta GT, Ackerman SJ. J Allergy Clin Immunol, 2012 May;129(5):1387-1396, PMID 22465212; <http://www.ncbi.nlm.nih.gov/pubmed/22465212>.
9. The oesophageal string test: a novel, minimally invasive method measures mucosal inflammation in eosinophilic oesophagitis. Furuta GT, Kagalwalla AF, Lee JJ, Alumka P, Maybruck BT, Fillon SA, Masterson JC, Ochkur S, Protheroe CA, Moore W, Pan Z, Amsden K, Robinson Z, **Capocelli KE**, Mukkada V, Atkins D, Fleischer DM, Hosford L, Kwatia MA, Schroeder S, Kelly C, Lovell MA, Melin-Aldana H, and Ackerman SJ, Gut, 2013 Oct;62(10):1395-405, PMID 22895393, <http://www.ncbi.nlm.nih.gov/pubmed/22895393>.
10. Local hypersensitivity reaction in transgenic mice with squamous epithelial IL-5 overexpression provides a novel model of eosinophilic oesophagitis. Masterson JC, McNamee EN, Hosford L, **Capocelli KE**, Ruybal J, Fillon SA, Doyle AD, Eltzschig HK, Rustgi AK, Protheroe CA, Lee NA, Lee JJ, Furuta GT. Gut, 2014 Jan; 63(1):43-53, PMID 23161496; <http://www.ncbi.nlm.nih.gov/pubmed/23161496>.
11. Effect of proton pump inhibitor in esophageal eosinophilia. Schroeder S, **Capocelli KE**, Masterson JC, Harris R, Protheroe C, Lee JJ, Furuta GT. J Pediatr Gastroenterol Nutr, 2013 Feb;56(2):166-172, PMID 23325438; <http://www.ncbi.nlm.nih.gov/pubmed/23325438>.
12. CT Imaging features of eosinophilic colitis in children. Brandon JL, Fenton LZ, Schroeder S, **Capocelli KE**, Masterson J, Furuta G, Pediatr Radiol, 2013 June;43(6):697-702, PMID 23361493; <http://www.ncbi.nlm.nih.gov/pubmed/23361493>.
13. Inflammatory bowel disease in pediatric patients with cerebral palsy. Colson SB, Siparsky GL, **Capocelli KE**, Pan Z, Sokol RJ, Hoffenberg EJ. J Pediatr Gastroenterol Nutr, 2013 Jun;56(6):e50, PMID 23518488; <http://www.ncbi.nlm.nih.gov/pubmed/23518488>.
14. Diagnostic yield of EGD in children: a retrospective single-center study of 1000 cases. Sheiko MA, Feinstein JA, **Capocelli KE**, Kramer RE. Gastrointest Endosc, 2013 Jul;78(1):47-54, PMID 23669024; <http://www.ncbi.nlm.nih.gov/pubmed/23669024>.
15. Antitumor necrosis factor, infliximab, and admalimumab: use with caution in eosinophilic bowel disease. Furuta GT, Atkins D, **Capocelli KE**, deZoeten EF, Fleischer D, Menard-Katcher C. J Pediatr Gastroenterol Nutr, 2013 Oct;57(4):e25. PMID 23820407

<http://www.ncbi.nlm.nih.gov/pubmed/23820407>.

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2. Obstructive Sleep Apnea and Hypoxemia are Associated with Advanced Liver Histology in Pediatric Non-Alcoholic Fatty Liver Disease. Sundaram SS, Sokol RJ, **Capocelli KE**, Pan Z, Sullivan JS, Robbins K, Halbower AC. J Pediatr, 2014 Apr;164(4):699-706, PMID 24321532, <http://www.ncbi.nlm.nih.gov/pubmed/24321532>.
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**ABSTRACTS/POSTERS**

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