**CURRICULUM VITAE**

**MARK A. LOVELL, MD**

**Biographical Information**

Current Position: Professor of Pathology

Department of Pathology, B120

Children’s Hospital Colorado

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**Education**

Undergraduate Education:

B.A. - English, Colorado College, Colorado Springs, CO, 1978

Medical Education:

M.D. - University of Colorado School of Medicine, Denver, CO, 1983

Graduate Medical Education:

Resident in Anatomic and Clinical Pathology

University of Virginia Medical Center, Charlottesville, VA

1983 to 1988

**Academic Appointments**

**University of Virginia School of Medicine, Charlottesville, VA**

Instructor of Pathology 1988 to 1989

Assistant Professor of Pathology 1989 to 1994

Assistant Professor of Obstetrics and Gynecology 1991 to 1995

Associate Professor of Pathology 1994 to 1999

**University of Colorado School of Medicine, Anschutz Medical Campus, Aurora, CO**

Associate Professor of Pathology 1999 to 2012

Professor of Pathology 2012 to present

University of Colorado Denver Graduate School

 Professor of Clinical Science 2012 to present

**Hospital Positions**

**University of Virginia Hospital, Charlottesville, VA**

Attending Pathologist 1988 to 1999

Associate Director of Hematology Laboratory 1988 to 1992

Director, Diagnostic Molecular Pathology Laboratory 1991 to 1999

Director, Department Quality Improvement Program 1994 to 1999

Director, Autopsy Service 1995 to 1999

**Children’s Hospital Colorado, Aurora, CO**

Attending Pathologist 1999 to present

Medical Director, Molecular Diagnostics Lab 1999 to 2017

Interim Chair of Pathology 2007 to 2008

Chair of Pathology 2008 to 3/31/2017

CLIA Laboratory Medical Director 2011 to February 3, 2022

Anschutz, South, Briargate, and Colorado Springs

Laboratories

**Other Professional Activities**

Medical Examiner, Charlottesville and Albemarle County, VA 1984 to 1999

**Honors and Awards**

Boettcher Scholar, 1974-1978

Figge Premedical Award, 1978

Phi Beta Kappa Honor Society, 1978

Graduated with Distinction in English, summa cum laude, Colorado College, 1978

Robert M. Felix Award in Psychiatry, Best Thesis, 1981

Graduated with Honors, University of Colorado School of Medicine, 1983

Best Presentation, Pathology Research Day, University of Virginia Medical Center, 1986

College of American Pathologists Scholar, 1988 ($25,000 salary support)

Honorable Mention--Gross Photography: American Society of Clinical Pathologists Medical Photography Competition, 1996

Certificate of Merit-Gross Photography: American Society of Clinical Pathologists Medical Photography Competition, 1998

Dean’s Award for Excellence in Teaching, University of Virginia School of Medicine, 1998

Certificate for Excellence as a Mentor & Instructor in Seminar Teaching-Pathology 6000,

University of Colorado School of Medicine 2000-01, 2001-02, 2002-03 & 2003-04

Top Doctors Awardee, Best Physicians as Chosen by Their Peers, Denver Metro area, Pediatric Pathology, *5280* *Magazine*, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022 [category discontinued in 2023].

Pathologist of the Year, Department of Pathology, University of Colorado School of Medicine, 2011

Summit Award for Excellence in Pathology Resident Education, Department of Pathology, University of Colorado School of Medicine, 2013-2014, 2016-2017, 2017-2018, 2018-2019, 2019-2020, 2020-2021, 2022-2023.

Certificate of Recognition for Medical Student Small Group Teaching, 2018-2019, 2019-2020, 2020-2021, 2021-2022

**Membership in Professional Organizations**

American Association for Physician Leadership

 Member, 2016 to 2021

American Society of Clinical Pathologists

Fellow, 1983 to present

Association for Molecular Pathology

Founding Member, 1994 to present

Genetics Section Chair-Elect & Chair, 1998-1999

Program Chair-Elect & Chair, 2001-2002

President-Elect, Chair, Strategic Planning Committee & Nominations Committee, 2004

President, 2005

Past President, 2006

College of American Pathologists

Fellow, 1983 to present

Molecular Pathology Resource Committee 1989-2000.

Laboratory Inspection Team Leader, Children’s Mercy Hospital, Kansas City, MO, 2012 Laboratory Inspection Team Leader, Valley Children’s Hospital, Madera, CA, 2014

Laboratory Inspection Team Leader, Nationwide Children’s Hospital, Columbus, OH, 2016

Laboratory Inspection Team Leader, Children’s Hospital of Wisconsin, Wauwatosa, WI 2018

Laboratory Inspection Team Leader, Valley Children’s Hospital, Madera, CA, 2020

Laboratory Inspection Team Leader, Children’s Medical Center Dallas, Dallas, TX 2022

Laboratory Inspection Team Leader, Tesis BioSciences 303 Diagnostics, Aurora, CO, 2023

Society for Pediatric Pathology

Member 1998 to present

Membership Committee 2010-2012

Interim Meeting September 7-10, 2017

 Clinical Pathology Symposium Moderator

 Scientific Session Platform Co-moderator for GI and CNS

**Major Committee and Service Responsibilities**

**American Board of Pathology**

Examiner,Molecular Genetic Pathology

 Test Development and Advisory Committee 2013 to 2019

 Examiner,Clinical Pathology CertLink Program

 Test Development and Advisory Committee 2016 to present

**University of Virginia Department of Pathology**

Director, Pathology Residency Training Program 1996 to 1999

**University of Colorado Department of Pathology**

**-Graduate Medical Education-Residency**

Residency Selection Committee 2000 to present

Residency Evaluation Committee 2006 to present

**-Graduate Medical Education-Fellowships Core Faculty and Clinical Competency Committee**

 Pediatric Pathology Fellowship 1999 to present

 Hematopathology Fellowship 2011 to present

 Molecular Pathology Fellowship 2019 to present

**-Administrative**

Vice Chair for Pediatric Pathology 2008 to 2017

Finance Committee 2008 to 2017

Executive Committee 2008 to 2017

Ad hoc Incentive Review Committee 2010

Faculty Promotion and Development Committee 2018

**Children’s Hospital Colorado Committee Responsibilities**

Credentials Committee, Member 2000 to present

Laboratory Stewardship Committee, Co-chair 2013 to 2021

Laboratory Information System Steering Committee, Member 2018 to 2021

Electronic Health Record Steering Committee, Member 2019 to 2021

**Licensure and Board Certification**

Current

Medical License, Colorado, DR.0038242-Active (expires 04/30/2025)

Diplomate, Anatomic and Clinical Pathology-1988 (unlimited), 6259

American Board of Pathology, enrolled in CertLink.

Diplomate, Special Qualification in Pediatric Pathology-1997 (unlimited), SQ97-089

American Board of Pathology, enrolled in CertLink.

Diplomate, Special Qualification in Molecular Genetic Pathology-2001 (unlimited), S01-269

American Board of Pathology & American Board of Medical Genetics, enrolled in CertLink.

Diplomate, Clinical Molecular Genetics and Genomics, Certificate # 2011211

American Board of Medical Genetics and Genomics, enrolled in CertLink,

Renewal 1/1/2022

Certificate of Recognition in Laboratory Medical Management

Awarded by the College of American Pathologists, renewal expires May 31, 2024

Previous

Medical License, Virginia (voluntary lapse, in good standing, 2002)

Diplomate, Clinical Molecular Genetics-1993-2003

American Board of Medical Genetics

**Inventions, Intellectual Property and Patents**

None.

**Reviewer and Referee Work**

Editorial Boards

Diagnostic Molecular Pathology, (The American Journal of Surgical Pathology, Part B), 1991 to 2013.

Journal of Molecular Diagnostics, (The American Journal of Pathology, Part B), 1999 to 2005.

Ad hoc Reviewer

Archives of Pathology and Laboratory Medicine

Clinical Chemistry

Diagnostic Molecular Pathology

Journal of Molecular Diagnostics

Journal of the American Medical Association

Modern Pathology

Molecular Diagnosis

Grant Reviewer

Pharmacogenomics Analysis Laboratory, Department of Veterans Affairs, 2006

Consultant

Hematology and Pathology Panel, and Member, Clinical Chemistry and Toxicology Panel, Center for Devices and Radiologic Health, Food and Drug Administration, Public Health Service, Department of Health and Human Services, l988 to present

**Invited Extramural Lectures, Presentations & Visiting Professorships**

**National**

Lovell MA. Principles of diagnostic nucleic acid technology, Spring Meeting, Association of Clinical Scientists, Newport, RI, May 1985.

Lovell MA. Origins and principles of nucleic acid probes. 79th Meeting, Association of Clinical Scientists, Atlanta, GA, November 13, 1986.

Lovell MA, Piper M, DiRusso S. Molecular analysis of lymphocyte subsets. 79th Meeting of Association of Clinical Scientists, Atlanta, Georgia, November 15, 1986.

Lovell MA, Mifflin TE, Bowden J. Use of DNA probes in the clinical laboratory. 39th National Meeting, American Association for Clinical Chemistry, San Francisco, CA, July 19, 1987.

Lovell MA, Mifflin TE, Bowden J. Use of nucleic acid probes in the clinical laboratories. 14th Annual Meeting, Clinical Ligand Assay Society, Washington, DC, May 11, 1988.

Lovell MA, Mifflin TE, Thibodeau SN. Current applications of nucleic acid probes in the clinical laboratory. 40th Annual Meeting, American Association of Clinical Chemistry, New Orleans, LA, July 26, 1988.

Lovell MA. Molecular genetic analysis of leukemia and lymphoma. 12th Annual Arnold O. Beckman Conference, American Association for Clinical Chemistry, Ft. Lauderdale, FL, January 18, 1989.

Lovell MA, Mifflin TE, Bowden J. Current applications of nucleic acid probes in the clinical laboratory. 41st Annual Meeting, American Association of Clinical Chemistry, Atlanta, GA, July 23, 1989.

Lovell MA. Polymerase chain reaction. Pathology Update 1990, American Society of Clinical Pathology, Charlottesville, VA, June 6, 1990.

Lovell MA. Herman CJ, Panke E, Walker R, Grody WW. Applications of molecular methods in the hospital laboratory—update for the practicing pathologist. Fall National Meeting, College of American Pathologists, Dallas, TX, October 21, 1990.

Lovell MA. Total quality improvement in molecular pathology. Molecular Diagnostics, 1993, Universities Associated for Research and Education in Pathology. November 13, 1993 (Organizing Committee).

Lovell MA. Golden WL. Advances in diagnostic molecular pathology. Half-day seminar. American Society for Clinical Pathology/College of American Pathologists Joint Meeting, Seattle, WA, April 11, 1994.

Lovell MA. Preparation your DNA laboratory for CAP inspection. Sunrise seminar, American Society for Clinical Pathology/College of American Pathologists Joint Meeting, Seattle, WA, April 12, 1994.

Lovell MA. Proficiency testing in molecular pathology. Molecular Diagnostics, 1994. Universities Associated for Research and Education in Pathology. November 11, 1994 (Organizing Committee).

Lovell MA. DNA-based parentage testing: A primer of principles, probability and practice. Molecular Diagnostics 1995. Association for Molecular Pathology Annual Meeting, Minneapolis, MN, November 11, 1995.

Lovell MA. Quality Management in Molecular Genetics. Association of Cytogenetic Technologists. 21st Annual Meeting, Norfolk, VA, June 14, 1996.

Lovell MA. Lessons from the CAP's molecular oncology survey program. Molecular Diagnostics 1996. Association for Molecular Pathology meeting, Baltimore, MD, November 16, 1996.

Lovell MA, Miller BB, Golden WL. What’s in a name? Nomenclature in molecular pathology. 4th Annual Meeting, Association for Molecular Pathology, Arlington, VA, November 7, 1998.

Lovell MA, Kowall NW, Grody WW. What every pathologist should know about the new genetics. Spring Meeting, College of American Pathologists, Boston, MA, April 11, 2000.

Lovell MA. I. Molecular Pathology: Applications to non-neoplastic pediatric pathology. II. Molecular Pathology: Applications to neoplastic pediatric pathology. III. Slide Seminar Cases. 22nd Annual Conference on Pediatric Disease, Aspen, CO, August 8, 2000.

Lovell MA. Tuberous sclerosis associated renal cell carcinoma. Pediatric Pathology Evening Slide Seminar. United States and Canadian Academy of Pathology, Denver, CO, March 2, 2008.

Lovell MA, Liang X. Pediatric Thymus Pathology Workshop. 2010 Annual Meeting. Society for Pediatric Pathology, Washington, DC, March 21, 2010.

Lovell MA. Optimizing Your Molecular Test Menu. Molecular Diagnostics 2010. Washington G2 Reports. Cambridge, MA, April 15, 2010.

Lovell MA, Liang X. Pediatric Thymus Pathology Workshop. 2011 Annual Meeting. Society for Pediatric Pathology, San Antonio, TX, February 27, 2011.

Lovell MA, Liang X. Pediatric Thymus Pathology Workshop. 2012 Annual Meeting. Society for Pediatric Pathology, Vancouver, British Columbia, CANADA, March 18, 2012.

Lovell MA, Maloney KE. Hematologic Aspects of Down Syndrome. 2017 Interim Meeting, Society for Pediatric Pathology, Denver, CO, September 9, 2017.

Lovell MA, Barker J. Autoimmune Dysfunction in Down Syndrome. 2017 Interim Meeting, Society for Pediatric Pathology, Denver, CO, September 9, 2017.

Lovell MA. Hirschsprung Disease: Pathogenesis and Preoperative Diagnosis Lecture. Hirschsprung Disease Virtual Course. International Center for Colorectal and Urogenital Care at Children’s Hospital Colorado. Course Directors: Luis De La Torre, Alberto Pena, and Andrea Bischoff, August 12-13, 2021

[International audience with participants]

Lovell MA. Hirschsprung Disease: Pathogenesis and Preoperative Diagnosis Lecture. Hirschsprung Disease Virtual Course. International Center for Colorectal and Urogenital Care at Children’s Hospital Colorado. Course Directors: Luis De La Torre, Alberto Pena, and Andrea Bischoff, August 10-11, 2022

[International audience with 780 participants]

**Regional, State & Local Presentations**

Lovell MA. The structure of human olfactory receptors: A comparative study. First Annual Rocky Mountain Neuroscience Group Neurosymposium, Denver, CO, May 22, 1981.

Lovell MA, Mifflin TE. Use of DNA/RNA probes in the clinical laboratory. Michigan Section, American Association for Clinical Chemistry, Detroit, MI, December 4, 1987.

Lovell MA, Williams ME. Applications of molecular genetics in clinical medicine. 44th Annual Spring Meeting of the Virginia Society for Pathology, Richmond, VA, April 30, 1988.

Lovell MA, Mifflin TE. Use of nucleic acid probes in the clinical laboratory. 40th Annual Meeting, American Association for Clinical Chemistry - Midwest Section and the Missouri Society of Medical Technologists, St. Louis, MO, April 6, 1989.

Lovell MA, Mifflin TE, Hossaini A. Use of nucleic acid probes in the clinical laboratory. 8th Annual Spring Symposium, American Association for Clinical Chemistry, Capital Section, Fredericksburg, VA, May 18, 1989.

Lovell MA. Small blue cell tumors of childhood. Annual Spring Workshop, Virginia State Society for Histotechnology. Winchester, VA, April 20, 1990.

Lovell MA. Nucleic acid analysis in hematology and oncology. Fall Symposium, American Association for Clinical Chemistry, North Carolina Section. Durham, NC, October 12, 1990.

Lovell MA. Basic concepts and techniques in molecular genetics/Diagnostic molecular genetics in hematology and oncology. National Laboratory Week speaker, Veterans Administration Medical Center. Salem, VA, April 16, 1991.

Lovell MA. Diagnostic molecular pathology. Tidewater Pathology Society, Virginia Beach, VA, June 19, 1992.

Lovell MA. The polymerase chain reaction in oncology. Oncology Conference, Martha Jefferson Hospital, Charlottesville, VA, August 9, 1994.

Lovell MA. DNA testing expert for "Talkback with Pat Wilson" on WINA Radio, Program Title: "Anastasia: Was she for real?" Charlottesville, VA, October 7, 1994, 3:05 to 4:00 pm.

Lovell MA. DNA-Based Parentage Testing. Albemarle County Bar Association. Charlottesville, VA, September 11, 1996.

Lovell MA. Pediatric Pathology Cases. Metropolitan Surgical Pathology Conference. University of Colorado School of Medicine, Department of Pathology, Denver, CO, October 26, 1999.

Lovell MA. Present and future impact of genomics on pediatric diagnosis and treatment. 7th Annual Pediatric Symposium, Memorial Hospital, Colorado Springs, CO, January 20, 2001.

Lovell MA, Wei Q. Molecular diagnostics in the clinical laboratory. Colorado Association for Continuing Medical Laboratory Education, Denver, CO, May 4, 2005.

Lovell MA, Siparsky G. New techniques for prenatal and newborn genetic disorders. Colorado Association for Continuing Medical Laboratory Education, Denver, CO, May 12, 2006.

**Visiting Professor**

Lovell MA. Molecular Genetics of Cancer. Department of Pathology, Residency Training Program, Penrose Hospital, Colorado Springs, CO, January 3, 1990.

Lovell MA. Molecular pathology of pediatric tumors: practical applications. Baylor College of Medicine, Houston, TX, February 25, 2003.

**Grand Rounds**

Wolfe, SM, Lovell MA. The autopsy: Its relationship to the quality of medical care. University of Virginia Medical Center Hour, Charlottesville, VA, February 14, 1996.

Lovell MA. Developmental, Immune, and Genetic Disorders of the Thymus in Children. Department of Pathology, University of Colorado Denver, Anschutz Medical Campus, Aurora, CO, June 8, 2012.

Lovell MA. Death Without a Cause. Good Grief at Noon Lecture Series. Children’s Hospital Colorado, Aurora, CO, September 10, 2012.

**Teaching Record**

**Medical School Didactic Lectures & Small Group Teaching**

University of Colorado School of Medicine Anschutz Medical Campus, Denver, CO

PATH 6000 One 50-minute lecture 135 2nd year medical students 2003-2006

 Small Blue Cell Tumors of Childhood

Small Group Teaching

Three-hour sessions with 10-12 students, case studies 2000-2006

Topics included cardiovascular, lung, gastrointestinal, hepatobiliary, endocrine, and hematology cases.

IDPT 5005 CVPR Block

Two 50-minute lectures 165 1st year medical students 2007 to 2015

Urinary Tract Developmental Abnormalities

Pediatric Neoplastic, Developmental and Cystic Kidney Disease

Small Group Teaching

Three-hour sessions with 10-15 students, case studies 2007 to present

Specific core curriculum blocks include Disease & Defense (IDPT 5004); Molecules to Medicine (IDPT 5005) Cardiovascular, Pulmonary & Renal, Gaucher disease; Digestive, Endocrine & Metabolic (IDPT 6002); and Life Cycle (IDPT 6003); Upper GI, Lower GI, Gallbladder/Pancreas [IDPT 6002]

IDPT 8039 Advanced Sciences Immunology and Immunotherapy 2021 to present

 Clinical Pathology Conference: Systemic Lupus Erythematosus

 Pathology of SLE, 30-inute lecture to 165 second year medical students

**Medical Student Elective**

PATH 8000 Senior Elective in Pathology 2000 to present

Each year 3-5 senior medical students spend one week of this four-week elective in pediatric pathology.

IDPT 7000 Foundations of Doctoring Curriculum, Phase III

Year-Long Mentor for a Third-Year Medical Student 2006-7, 2007-8, 2010-11, 2018-9

2019-2020

Robert A. Hoyt, MD Pathology Resident, University of Kansas Medical Center, Kansas City, MO

**Pathology Resident Education**

University of Virginia Medical Center Department of Pathology Residency Program

Residency Program Director, Pathology Residency Training Program April 1, 1996 to August 24, 1999

Responsible for administration and direction of combined anatomic and clinical pathology residency training program with 20 residents in a five-year program, including curriculum, scheduling, evaluation, career counseling, and successful ACGME reaccreditation.

Pediatric Anatomic Pathology Rotation 1999 to present

Direct attending supervision of a second or third-year pathology resident during a required 2-month pediatric anatomic pathology rotation including autopsy, gross examination, surgical pathology, and use of ancillary studies to establish histopathologic diagnoses of common pediatric tumors, developmental abnormalities, and gastrointestinal conditions. Primarily direct teaching at the microscope based on clinical case material.

Pediatric Clinical Pathology Rotation 2009 to present

Direct supervision of a second or third-year pathology resident during a required2-month pediatric clinical pathology rotation, specifically during 2 weeks spent learning diagnostic molecular pathology through one-on-one case sign out of current clinical assays including STR-based bone marrow transplant engraftment assays, B and T cell gene rearrangement assays, and RT-PCR based assays of common leukemic and sarcoma translocations, as well as quantitative molecular assays, with emphasis on quality practices in laboratory and clinical interpretation.

Pediatric Clinical Pathology Rotation Supervisor 2023 to present

Residency Program Didactic Lectures 1-hour lectures to all pathology residents

Genetic Mechanisms and Polymorphisms. January 8, 2003.

Molecular Pathology of Leukemia and Lymphoma. January 13, 2003.

Histopathology of Pediatric Tumors. October 27, 2003.

Familial Cancer Syndromes. March 25, 2004.

 Techniques of Molecular Pathology. November 22, 2004.

Mechanisms of Genetic Disease. November 29, 2004.

Leukemia/Lymphoma Genetics. December 2, 2004.

Small Blue Cell Tumor Genetics. December 6, 2004.

The Human Genome. May 6, 2006.

Nucleic Acid Chemistry and Techniques. May 15, 2006.

Familial Cancer Syndromes. May 18, 2006.

Fetal, Perinatal, and Pediatric Autopsy Practice. August 28, 2006.

Chromosomal Abnormalities, Congenital Anomalies & Malformation Syndromes. Jan 29, 2018

Pathology Resident Journal Club. Faculty Discussant. September 26, 2011

Residency Program Surgical Pathology Unknown Conferences

Slide-based cases for discussion

Pediatric Renal Tumors. February 26, 2007.

Pediatric Liver Tumors. May 7, 2007.

A Dozen Developmental Delights. December 21, 2009.

Pediatric Pathology Unknowns. August 7, 2016.

Pediatric Pathology Genetics Unknown Conference. May 4, 2018.

Histopathology of Single Gene Disorders. May 3, 2019

Genetic Vascular Lesions. May 1, 2020.

**Pediatric Pathology Fellowship Program**

(Program Director: Joel E. Haas, MD) 2000-2007

(Program Director: Megan K. Dishop, MD) 2011 to 2015

(Program Director: Jennifer O. Black, MD) 2015 to present

Direct attending supervision of the fellow during 1-year ACGME-accredited training program in pediatric pathology including autopsy, gross examination, surgical pathology, and use of ancillary studies to establish histopathologic diagnoses including common pediatric tumors, developmental abnormalities, and gastrointestinal conditions. Primarily direct teaching at the microscope based on clinical case material. Also provide a 1-month rotation using a case-based approach in diagnostic molecular pathology practice and principles related to pediatric pathology, primarily neoplastic disease.

Didactic Lectures for Pediatric Pathology Fellowship Program

* Genetics Approaches to Pediatric Solid Tumors: Rhabdomyosarcoma. October 10, 2011.
* Chromosomal Abnormalities, Congenital Anomalies & Malformation Syndromes, July 12, 2018

Journal Club for Pediatric Pathology Fellowship Program

Faculty Discussant, July 25, 2011.

Laboratory Management Lectures for Fellows in Pediatric Pathology, Hematopathology and Molecular Pathology: 1-hour lectures 2020-present

* The Pathologist in Hospital Practice
* The Pathologist as CLIA Laboratory Director

**Major Hospital Patient Care-Teaching Conferences**

Pediatric Heme/Onc Rounds 3-4 cases per session, once a week, 2000 to 2015

Pediatric Tumor Board 2-3 cases each session, twice a month, 2000 to 2015

Pediatric Surgery Conference 5-8 cases each session, once a month, 2000 to 2010

Pediatric Urology Conference 3-5 cases each session, once a month, 2000 to 2015

Pediatric Musculoskeletal Tumor Conference 3-5 cases each session, every 2 months, 2007 to 2010

Pediatric Otolaryngology Conference 3-6 cases each session, every 3 months, 2009 to present

Colorectal/Neurogastroenterology Conference 2-4 cases each session, every month, 2017 to 2021

Pediatric Liver Transplant Conference 10-12 cases each session, every month, 2018 to present

Pediatric GI Teaching Conference 10-15 cases each session, every other month, 2018

Morbidity & Mortality Conferences as requested by Cardiology, Neonatology, Oncology

**Graduate School Teaching**

Genetic Counseling Master’s Degree Program

1-hour lecture to 25 students, Familial Cancer Syndromes February 14, 2003

Clinical Science Graduate Program Dissertation Committee Member

Eric P. Wartchow, PhD Awarded July 2020

The Clinical Utility of Incorporating Single-Axis 3D Tomography to the Electron Microscopic Examination of Ciliary Biopsies

Andrea Prinzi, MPH, PhD Awarded July 2022

Diagnostic and Antimicrobial Stewardship of Endotracheal Aspirates Cultures in Mechanically Ventilated Pediatric Patients

**Medical Technologist Teaching**

Bone Marrow Transplant and the Laboratory. Children’s Hospital Colorado, Lab Week Lecture. April 17, 2002.

Insights from the Human Genome Project. Cytogenetics Case Conference. Colorado Genetics Laboratory. November 17, 2005.

**Undergraduate College Student Teaching**

Pathology: An introduction to the specialty. Premedica (Premedical student organization). Colorado State University, Ft. Collins, CO, October 22, 2003.

**Precollege Student Teaching**

Pathology and the Laboratory at Children’s Hospital Colorado. 30-minute talk with cases and a wet lab to extract DNA from a banana. John Wesley Powell Middle School, Littleton Public Schools, Littleton, CO. February 17, 2023

Introduction to Pathology. Two 30-minute presentation to 60 high school students enrolled in the Medical Careers Collaborative program at Children’s Hospital Colorado, Aurora, CO, October 17, 2023

**Grant Support**

Current

Member, Pathology Subcommittee, Childhood Liver Disease Research and Education Network (ChiLDREN) P.I. Ronald J. Sokol, MD (2% effort).

Previous

Molecular Genetics of N- and H-ras Oncogenes in Rhabdomyosarcoma. Research & Development Committee, University of Virginia Health Sciences Center, October l, l988 to March 30, l989, $10,242

Molecular Genetics of Rhabdomyosarcoma. Subgrant, Institutional Research Grant (Grant # IN l49B), American Cancer Society, October l, l988 to June 30, l989, $9,000

Pulsed Field Gel Electrophoresis and Telomeric Probes: Analysis of Chromosome llp. Horsley Cancer Research Fund, January l, l989 to December 31, 1989, $l, 646

**Other Research Activities**

Children’s Oncology Group (COG)

Associate Member, Pathology, Responsible Investigator 2007 to present

Samantha Woodruff, MD. Mechanisms of esophageal fibrosis. Child & Maternal Health Pilot Grant Award, Colorado Clinical & Translational Sciences Institute at University of Colorado Denver, Co-investigator (no salary support). 2009.

**Bibliography**

**Peer-Reviewed Journals:**

1. Lovell MA, Jafek BW, Moran DT, Rowley JC 3rd. Biopsy of human olfactory mucosa. An instrument and a technique. Arch Otolaryngol. 1982 Apr;108(4):247-9. doi: 10.1001/archotol.1982.00790520047013. PMID: 7073597.
2. Moran DT, Rowley JC 3rd, Jafek BW, Lovell MA. The fine structure of the olfactory mucosa in man. J Neurocytol. 1982 Oct;11(5):721-46. doi: 10.1007/BF01153516. PMID: 7143026.
3. Savory J, Bertholf RL, Boyd JC, Bruns DE, Lovell MA, Shipe JR, Wills MR. Advances in clinical chemistry over the past 25 years. Anal Chim Acta 1986; 180: 99-135. https://doi.org/10.1016/0003-2670(86)80004-6
4. Bastani B, Mifflin TE, Lovell MA, Westervelt FB, Bruns DE. Serum amylases in chronic and end-stage renal failure: effects of mode of therapy, race, diabetes and peritonitis. Am J Nephrol. 1987;7(4):292-9. doi: 10.1159/000167488. PMID: 2446498.
5. Williams ME, Innes DJ Jr, Borowitz MJ, Lovell MA, Swerdlow SH, Hurtubise PE, Brynes RK, Chan WC, Byrne GE Jr, Whitcomb CC, et al. Immunoglobulin and T cell receptor gene rearrangements in human lymphoma and leukemia. Blood. 1987 Jan;69(1):79-86. PMID: 3098328.
6. Bastani B, Mifflin TE, Lovell MA, Westervelt FB, Bruns DE. Serum amylases in chronic and end-stage renal failure: effects of mode of therapy, race, diabetes and peritonitis. Am J Nephrol. 1987;7(4):292-9. doi: 10.1159/000167488. PMID: 2446498.
7. Mifflin TE, Bowden J, Lovell MA, Bruns DE, Hayden FG, Gröschel DH, Savory J. Comparison of radioactive (32P and 35S) and biotinylated probes for detection of cytomegalovirus DNA. Clin Biochem. 1987 Aug;20(4):231-5. doi: 10.1016/s0009-9120(87)80003-6. PMID: 2826048.
8. Lovell MA, Ross GW, Cooper PH. Gliomatosis peritonei associated with a ventriculoperitoneal shunt. Am J Clin Pathol. 1989 Apr;91(4):485-7. doi: 10.1093/ajcp/91.4.485. PMID: 2648802.
9. Lovell MA. Molecular genetics of leukemia and lymphoma. Clin Chem. 1989 Jul;35(7 Suppl):B43-7. PMID: 2663234.
10. Scrable H, Cavenee W, Ghavimi F, Lovell M, Morgan K, Sapienza C. A model for embryonal rhabdomyosarcoma tumorigenesis that involves genome imprinting. Proc Natl Acad Sci U S A. 1989 Oct;86(19):7480-4. doi: 10.1073/pnas.86.19.7480. PMID: 2798419; PMCID: PMC298088.
11. Brauch H, Tory K, Linehan WM, Weaver DJ, Lovell MA, Zbar B. Molecular analysis of the short arm of chromosome 3 in five renal oncocytomas. J Urol. 1990 Mar;143(3):622-4. doi: 10.1016/s0022-5347(17)40042-5. PMID: 2304183.
12. Williams ME, Lee JT, Innes DJ, Swerdlow SH, Lovell MA, Hurtubise PE, Thomas CY. Immunoglobulin gene rearrangement in abnormal lymph node hyperplasia. Am J Clin Pathol. 1991 Dec;96(6):746-54. doi: 10.1093/ajcp/96.6.746. PMID: 1746491.
13. Gemma NW, Lovell MA, Bringelsen KA, Williams ME. Lineage alteration in precursor B cell acute lymphoblastic leukemia following T cell lymphoblastic lymphoma. Leukemia. 1992 Dec;6(12):1305-9. PMID: 1333557.
14. Golden WL, Sudduth KW, Lovell MA. Clonal evolution of a Wilms' tumor. Cancer Genet Cytogenet. 1992 May;60(1):102-4. doi: 10.1016/0165-4608(92)90245-4. PMID: 1317252.
15. Walker MW, Lovell MA, Kelly TE, Golden W, Saulsbury FT. Multiple areas of intestinal atresia associated with immunodeficiency and posttransfusion graft-versus-host disease. J Pediatr. 1993 Jul;123(1):93-5. doi: 10.1016/s0022-3476(05)81547-1. PMID: 8320633.
16. Hanigan MH, Frierson HF, Brown JE, Lovell MA, Taylor PT. Human ovarian tumors express gamma-glutamyl transpeptidase. Cancer Res 1993; 54: 286-90. PMID: 7903206
17. Shashi V, Lovell MA, von Kap-herr C, Waldron P, Golden WL. Malignant rhabdoid tumor of the kidney: involvement of chromosome 22. Genes Chromosomes Cancer. 1994 May;10(1):49-54. doi: 10.1002/gcc.2870100108. PMID: 7519873.
18. Davis RJ, D'Cruz CM, Lovell MA, Biegel JA, Barr FG. Fusion of PAX7 to FKHR by the variant t(1;13)(p36;q14) translocation in alveolar rhabdomyosarcoma. Cancer Res. 1994 Jun 1;54(11):2869-72. PMID: 8187070.
19. Lovell MA, McDaniel NL. Association of hypertrophic maxillary frenulum with hypoplastic left heart syndrome. J Pediatr. 1995 Nov;127(5):749-50. doi: 10.1016/s0022-3476(95)70167-2. PMID: 7472830.
20. Campbell MS, Lovell MA, Gorbsky GJ. Stability of nuclear segments in human neutrophils and evidence against a role for microfilaments or microtubules in their genesis during differentiation of HL60 myelocytes. J Leukoc Biol. 1995 Dec;58(6):659-66. doi: 10.1002/jlb.58.6.659. PMID: 7499963.
21. Caldwell SH, Sue M, Bowden JH, Dickson RC, Driscoll CJ, Yeaton P, Stevenson WC, Ishitani MB, McCullough CS, Pruett TL, Lovell MA. Hepatitis C virus in body fluids after liver transplantation. Liver Transpl Surg. 1996 Mar;2(2):124-9. doi: 10.1002/lt.500020207. PMID: 9346637.
22. Miesfeldt S, Turner BL, Lovell MA, Cooper MR, Lescallett J, Jones SM. A novel *BRCA1* mutation in an identical twin pair with similar clinical histories. Cancer Genet Cytogenet. 1998 Jan 1;100(1):43-8. doi: 10.1016/s0165-4608(97)00006-x. PMID: 9406579.
23. Pao DG, DeAngelis GA, Lovell MA, McIlhenny J, Hagspiel KD. Idiopathic arterial calcification of infancy: sonographic and magnetic resonance findings with pathologic correlation. Pediatr Radiol. 1998 Apr;28(4):256-9. doi: 10.1007/s002470050344. Erratum in: Pediatr Radiol 1998 Jul;28(7):561. PMID: 9545482.
24. Michel RS, Carpenter MA, Lovell MA. Pathology Case of the Month: Noncompaction of the left ventricular myocardium. Arch Dis Child Adoles 1998; 152: 709-10. PMID: 9667547
25. Schneider BF, Lovell MA, Golden WL. Cytogenetic abnormalities in primary bronchopulmonary leiomyosarcoma of childhood. Cancer Genet Cytogenet. 1998 Sep;105(2):145-51. doi: 10.1016/s0165-4608(98)00030-2. PMID: 9723032.
26. Lovell MA, Miller, AC, Hendley JO. Pathology Case of the Month: Pertussis pneumonia. Arch Pediatr Adolesc Med 1998; 152: 925-6. PMID: 9743042
27. Garrett WT, Brashear HR, Cail WS, Lovell MA, Clayton MT, Harrison MB. Severe circumscribed cortical atrophy in Huntington's disease. Neurology. 1998 Aug;51(2):638-9. doi: 10.1212/wnl.51.2.638. PMID: 9710061.
28. Dunsmore KP, Lovell MA. Small bowel adenocarcinoma metastatic to the ovaries in a 12-year-old girl. J Pediatr Hematol Oncol. 1998 Sep-Oct;20(5):498-501. doi: 10.1097/00043426-199809000-00019. PMID: 9787329.
29. Richmond EJ, Flickinger CJ, McDonald JA, Lovell MA, Rogol AD. Lipoid congenital adrenal hyperplasia (CAH): patient report and a mini-review. Clin Pediatr (Phila). 2001 Jul;40(7):403-7. doi: 10.1177/000992280104000708. PMID: 11491137.
30. Steelman J, Redondo MJ, Lovell MA, Koyle M, Kappy M. Pathology teach and tell: Vaginal mesonephric papilloma. Pediatr Pathol Molec Med 2001; 20: 341-4. PMID: 11486737
31. Chisholm CA, Vavelidis F, Lovell MA, Sweetman L, Roe CR, Roe DS, Frerman FE, Wilson WG. Prenatal diagnosis of multiple acyl-CoA dehydrogenase deficiency: association with elevated alpha-fetoprotein and cystic renal changes. Prenat Diagn. 2001 Oct;21(10):856-9. doi: 10.1002/pd.157. PMID: 11746129.
32. Koyle MA, Hatch DA, Furness PD 3rd, Lovell MA, Odom LF, Kurzrock EA. Long-term urological complications in survivors younger than 15 months of advanced stage abdominal neuroblastoma. J Urol. 2001 Oct;166(4):1455-8. PMID: 11547111.
33. Graham DK, Stork LC, Wei Q, Ingram JD, Karrer FM, Mierau GW, Lovell MA. Molecular genetic analysis of a small bowel primitive neuroectodermal tumor. Pediatr Dev Pathol. 2002 Jan-Feb;5(1):86-90. doi: 10.1007/s10024-001-0192-1. PMID: 11815873.
34. Zenge JP, Fenton L, Lovell MA, Grover TR. Case report: infantile hemangioendothelioma. Curr Opin Pediatr. 2002 Feb;14(1):99-102. doi: 10.1097/00008480-200202000-00018. PMID: 11880743.
35. Hsi ED, Tubbs RR, Lovell MA, Braziel RM, Gulley ML. Detection of bcl-2/J(H) translocation by polymerase chain reaction: a summary of the experience of the Molecular Oncology Survey of the College of American Pathologist. Arch Pathol Lab Med. 2002 Aug;126(8):902-8. doi: 10.5858/2002-126-0902-DOBJHT. PMID: 12171487.
36. Handel LN, Scott SM, Giller RH, Greffe BS, Lovell MA, Koyle MA. New perspectives on therapy for vaginal endodermal sinus tumors. J Urol. 2002 Aug;168(2):687-90. PMID: 12131350.
37. Sinclair J, Ferucci P, Lovell MA, Koyle MA. Spontaneous testicular hemorrhage in an adolescent. J Urol. 2003 Jan;169(1):303-4. doi: 10.1016/S0022-5347(05)64111-0. PMID: 12478176.
38. Janik JS, Janik JP, Lovell MA, Hendrickson RJ, Bensard DD, Greffe BS. Recurrent inflammatory pseudotumors in children. J Pediatr Surg. 2003 Oct;38(10):1491-5. doi: 10.1016/s0022-3468(03)00501-3. PMID: 14577073.
39. Myers JB, Lovell MA, Lee RS, Furness PD 3rd, Koyle M. Torsion of an indirect hernia sac causing acute scrotum. J Pediatr Surg. 2004 Jan;39(1):122-3. doi: 10.1016/j.jpedsurg.2003.09.024. PMID: 14694389.
40. Schulz L, Twite M, Liang X, Lovell M, Stork L. A case of childhood peripheral T-cell lymphoma with massive cardiac infiltration. J Pediatr Hematol Oncol. 2004 Jan;26(1):48-51. doi: 10.1097/00043426-200401000-00015. PMID: 14707714.
41. Trobaugh-Lotrario AD, Liang X, Janik JS, Lovell MA, Odom LF. Difficult diagnostic and therapeutic cases: CASE 2. thymoma and tumor lysis syndrome in an adolescent. J Clin Oncol. 2004 Mar 1;22(5):955-7. doi: 10.1200/JCO.2004.05.134. PMID: 14990653.
42. Liang X, Meech SJ, Odom LF, Bitter MA, Ryder JW, Hunger SP, Lovell MA, Meltesen L, Wei Q, Williams SA, Hutchinson RN, McGavran L. Assessment of t(2;5)(p23;q35) translocation and variants in pediatric ALK+ anaplastic large cell lymphoma. Am J Clin Pathol. 2004 Apr;121(4):496-506. doi: 10.1309/TLE8-FN6E-YF0N-JGP7. PMID: 15080301.
43. Liu L, McGavran L, Lovell MA, Wei Q, Jamieson BA, Williams SA, Dirks NN, Danielson MS, Dubie LM, Liang X. Nonpositive terminal deoxynucleotidyl transferase in pediatric precursor B-lymphoblastic leukemia. Am J Clin Pathol. 2004 Jun;121(6):810-5. doi: 10.1309/QD18-PPV1-NH3T-EUTF. PMID: 15198352.
44. Mierau GW, Lovell MA, Wyatt-Ashmead J, Goin L. Benign müllerian papilloma of childhood. Ultrastruct Pathol. 2005 May-Aug;29(3-4):209-16. doi: 10.1080/01913120590951211. PMID: 16036876.
45. Mills JN, Petty JK, Hendrickson RJ, Albano EA, Furness PD 3rd, Mingin GC, Lovell MA, Harned RK 2nd, Koyle MA. Retroperitoneal neuroblastoma causing urinary obstruction in a 5-month-old boy. Oncology (Williston Park). 2006 Feb;20(2):201-6. PMID: 16562651.
46. Brant WO, Rajimwale A, Lovell MA, Travers SH, Furness PD 3rd, Sorensen M, Oottamasathien S, Koyle MA. Gonadoblastoma and Turner syndrome. J Urol. 2006 May;175(5):1858-60. doi: 10.1016/S0022-5347(05)00932-8. PMID: 16600779.
47. Graham DK, Salzberg DB, Kurtzberg J, Sather S, Matsushima GK, Keating AK, Liang X, Lovell MA, Williams SA, Dawson TL, Schell MJ, Anwar AA, Snodgrass HR, Earp HS. Ectopic expression of the proto-oncogene Mer in pediatric T-cell acute lymphoblastic leukemia. Clin Cancer Res. 2006 May 1;12(9):2662-9. doi: 10.1158/1078-0432.CCR-05-2208. PMID: 16675557.
48. Kleinschmidt-DeMasters BK, Lovell MA, Donson AM, Wilkinson CC, Madden JR, Addo-Yobo SO, Lillehei KO, Foreman NK. Molecular array analyses of 51 pediatric tumors shows overlap between malignant intracranial ectomesenchymoma and MPNST but not medulloblastoma or atypical teratoid rhabdoid tumor. Acta Neuropathol. 2007 Jun;113(6):695-703. doi: 10.1007/s00401-007-0210-0. Epub 2007 Mar 13. PMID: 17431644.
49. Myers JB, Dall'Era J, Odom LF, McGavran L, Lovell MA, Furness P 3rd. Teratoid Wilms' tumor, an important variant of nephroblastoma. J Pediatr Urol. 2007 Aug;3(4):282-6. doi: 10.1016/j.jpurol.2006.11.004. Epub 2007 Jan 22. PMID: 18947756.
50. Taylor MRG, Ku L, Slavov D, Cavanaugh J, Boucek M, Zhu X, Graw S, Carniel E, Barnes C, Quan D, Prall R, Lovell MA, Mierau G, Ruegg P, Mandava N, Bristow MR, Towbin JA, Mestroni L; Familial Cardiomyopathy Registry. Danon disease presenting with dilated cardiomyopathy and a complex phenotype. J Hum Genet. 2007;52(10):830-835. doi: 10.1007/s10038-007-0184-8. PMID: 17899313.
51. Di Maria MV, Campbell DN, Mitchell MB, Lovell MA, Pietra BA, Miyamoto SD. Successful orthotopic heart transplant in an infant with an inflammatory myofibroblastic tumor of the left ventricle. J Heart Lung Transplant. 2008 Jul;27(7):792-6. doi: 10.1016/j.healun.2008.03.005. Epub 2008 May 19. PMID: 18582811.
52. Van Hove JL, Freehauf C, Miyamoto S, Vladutiu GD, Pancrudo J, Bonilla E, Lovell MA, Mierau GW, Thomas JA, Shanske S. Infantile cardiomyopathy caused by the T14709C mutation in the mitochondrial tRNA glutamic acid gene. Eur J Pediatr. 2008 Jul;167(7):771-6. doi: 10.1007/s00431-007-0587-8. Epub 2007 Sep 22. PMID: 17891417.
53. Sundaram SS, Bove KE, Lovell MA, Sokol RJ. Mechanisms of disease: Inborn errors of bile acid synthesis. Nat Clin Pract Gastroenterol Hepatol. 2008 Aug;5(8):456-68. doi: 10.1038/ncpgasthep1179. Epub 2008 Jun 24. PMID: 18577977; PMCID: PMC3888787.
54. Alsultan A, Lovell MA, Hayes KL, Allshouse MJ, Garrington TP. Simultaneous occurrence of right adrenocortical tumor and left adrenal neuroblastoma in an infant with Beckwith-Wiedemann syndrome. Pediatr Blood Cancer. 2008 Nov;51(5):695-8. doi: 10.1002/pbc.21694. PMID: 18668518.
55. Atkins D, Kramer R, Capocelli K, Lovell M, Furuta GT. Eosinophilic esophagitis: the newest esophageal inflammatory disease. Nat Rev Gastroenterol Hepatol. 2009 May;6(5):267-78. doi: 10.1038/nrgastro.2009.45. PMID: 19404267.
56. Chen HH, Lovell MA, Chan KH. Bilateral lymphangiomatous polyps of the palatine tonsils. Int J Pediatr Otorhinolaryngol. 2010 Jan;74(1):87-8. doi: 10.1016/j.ijporl.2009.08.017. Epub 2009 Sep 27. PMID: 19786308.
57. Soden JS, Lovell MA, Brown K, Partrick DA, Sokol RJ. Failure of resolution of portal fibrosis during omega-3 fatty acid lipid emulsion therapy in two patients with irreversible intestinal failure. J Pediatr. 2010 Feb;156(2):327-31. doi: 10.1016/j.jpeds.2009.08.033. PMID: 20105644.
58. Kumar HR, Sandoval JA, Lovell MA, Fenton LZ, Bealer JF. Primary pancreatic neuroblastoma: an unusual tumor in infancy. J Pediatr Surg. 2010 Mar;45(3):642-6. doi: 10.1016/j.jpedsurg.2009.12.024. PMID: 20223336.
59. Lann MA, Lovell MA, Kleinschmidt-DeMasters BK. Acute hemorrhagic leukoencephalitis: a critical entity for forensic pathologists to recognized. Am J Forensic Med Pathol. 31(1):7-11, 2010 Mar. doi: 10.1097/PAF.0b013e3181c6be92. PMID: 20010289
60. Liang X, Lovell MA, Capocelli KE, Albano EA, Birch S, Keating AK, Graham DK. Thymoma in children: report of 2 cases and review of the literature. Pediatr Dev Pathol. 13(3):202-8, 2010 May-Jun. doi: 10.2350/09-07-0672-OA.1. Review. PMID: 20055684
61. Van Hove JLK, Saenz MS, Thomas JA, Gallagher RC, Lovell MA, Fenton LZ, Shanske S, Myers SM, Wanders RJA, Ruiter J, Turkenburg M, Waterham HR. Succinyl-CoA Ligase Deficiency: A Mitochondrial Hepatoencephalomyopathy. Pediatr Res. 68(2):159-64, 2010 Aug. doi: 10.1203/00006450-201011001-00310. PMID: 20453710
62. Mukkada VA, Haas A, Maune NC, Capocelli KE, Henry M, Gilman N, Petersburg S, Moore W, Lovell MA, Fleischer DM, Furuta GT, Atkins D. Feeding dysfunction in children with eosinophilic gastrointestinal diseases. Pediatrics. 2010 Sep;126(3):e672-7. doi: 10.1542/peds.2009-2227. Epub 2010 Aug 9. PMID: 20696733.
63. Jones AE. Albano EA. Lovell MA. Hunger SP. Metastatic alveolar rhabdomyosarcoma in multiple endocrine neoplasia type 2A. Pediatr Blood Cancer, 55(6):1213-6, 2010 Dec 1. doi: 10.1002/pbc.22591. PMID: 20533522
64. Alsultan A, Sokol RJ. Lovell MA, Thurman G. Ambruso DR. Long term G-CSF-induced remission of ulcerative colitis-like inflammatory bowel disease in a patient with glycogen storage disease Ib and evaluation of associated neutrophil function. Pediatr Blood Cancer 55(7):1410-3, 2010 Dec 5. doi: 10.1002/pbc.22706. PMID: 20830779
65. Olin J, Abman S, Grady R, Ivy D, Lovell M, Partrick D, Balasubramaniam V. A 7-year-old with pulmonary hypertension. BMJ Case Rep. 2011;2011:bcr0220113843. doi: 10.1136/bcr.02.2011.3843. Epub 2011 Apr 20. PMID: 21897452; PMCID: PMC3082056.
66. Micel L, Nuss R, Fenton L, Lovell M, Silliman CC. Non-palpable splenic enlargement as the etiology of abdominal pain in an adolescent with hemoglobin SC disease. Pediatr Blood Cancer. 2011 Aug;57(2):352-3. doi: 10.1002/pbc.23076. Epub 2011 May 16. PMID: 21584930.
67. El Kasmi KC, Anderson AL, Devereaux MW, Fillon SA, Harris JK, Lovell MA, Finegold MJ, Sokol RJ. Toll-like receptor 4-dependent Kupffer cell activation and liver injury in a novel mouse model of parenteral nutrition and intestinal injury. Hepatology. 2012 May;55(5):1518-28. doi: 10.1002/hep.25500. Epub 2012 Mar 18. PMID: 22120983; PMCID: PMC4986925.
68. Liang C, Chan KH, Yoon PJ, Lovell MA. Clinicopathological characteristics of extramedullary acute megakaryoblastic leukemia (AMKL): report of a case with initial mastoid presentation and review of literature to compare extramedullary AMKL and non-AMKL cases. Pediatr Dev Pathol. 2012 Sep-Oct;15(5):385-92. doi: 10.2350/11-12-1124-CR.1. Epub 2012 Jun 5. PMID: 22667334.
69. Furuta GT, Kagalwalla AF, Lee JJ, Alumkal P, Maybruck BT, Fillon S, Masterson JC, Ochkur S, Protheroe C, Moore W, Pan Z, Amsden K, Robinson Z, Capocelli K, Mukkada V, Atkins D, Fleischer D, Hosford L, Kwatia MA, Schroeder S, Kelly C, Lovell M, Melin-Aldana H, Ackerman SJ. The oesophageal string test: a novel, minimally invasive method measures mucosal inflammation in eosinophilic oesophagitis. Gut. 2013 Oct;62(10):1395-405. doi: 10.1136/gutjnl-2012-303171. Epub 2012 Aug 15. PMID: 22895393
70. Yiu Y, Chiang T, Lovell MA, Chan KH. Nasal congestion and a rapidly enlarging mass at the nasofacial junction. JAMA Otolaryngol Head Neck Surg. 2013 Sep;139(9):953-4. doi: 10.1001/jamaoto.2013.4050. PMID: 24051753.
71. Bezerra JA, Spino C, Magee JC, Shneider BL, Rosenthal P, Wang KS, Erlichman J, Haber B, Hertel PM, Karpen SJ, Kerkar N, Loomes KM, Molleston JP, Murray KF, Romero R, Schwarz KB, Shepherd R, Suchy FJ, Turmelle YP, Whitington PF, Moore J, Sherker AH, Robuck PR, Sokol RJ ; Childhood Liver Disease Research and Education Network (ChiLDREN). Collaborators (94) Doo E, Torrance R, van Raaphorst R, Hoofnagle JH, Colombani P, Lau H, Kafka K, Devadason A, Superina R, Kelly S, Tiao G, Ryckman F, Alonso M, Nathan J, Bucuvalas J, Miethke A, Heubi J, Balistreri WF, Campbell K, Kohli R, Leonis M, Denlinger J, Ferris A, Karrer F, Mack C, Narkewicz MR, Sundaram SS, Lovell M, Hines J, Faut S, Hite M, Iyer K, Arnon R, Flake A, Rand E, Bernard B, Burns C, Bukauskas K, Squires R, Venkat V, Langlois C, Fleck S, Dillon P, White F, Weymann A, Rudnick D, Harris K, Postma S, Pieplow K, Brandt M, Finegold M, Carter B, Fishman D, McLin V, Wesson D, Apted Z, DeLaTorre A, Cass D, Horslen S, Hsu E, Healey P, Young M, Finn L, Goodhue C, Thomas D, Michael S, Abramowsky C, Clifton M, De La Cruz L, Gupta N, Ricketts R, Sekar S, Shehata B, Vos M, Subbarao G, West K, Byam B, Raghunathan T, Lopez J, Fredericks E, Marchant B, Jones K, Slusser K, Casher Y, Shneider BL, Suchy FJ, Karpen SJ, Shepherd R, Lopez M, Oldham K, Chesney P, Ehrenkranz R, Imrey P, Israel EJ. Use of corticosteroids after hepatoportoenterostomy for bile drainage in infants with biliary atresia: the START randomized clinical trial. JAMA. 2014 May 7;311(17):1750-9.  doi: 10.1001/jama.2014.2623. PMID: 24794368; PMCID: PMC4303045.
72. Mattingly JK, Arganbright JM, Lovell MA, Chan KH. Cervical bronchogenic cysts: case report and review of the literature. Am J Otolaryngol. 2014 Sep-Oct;35(5):655-7. doi: 10.1016/j.amjoto.2014.06.015. Epub 2014 Jul 10. PMID: 25085633.
73. Hauser LJ, Chiang T, Ramakrishnan VR, Lovell MA, Kelley PE. Parapharyngeal and skull base yolk sac tumor: a case report with lessons in diagnosis and management. Int J Pediatr Otorhinolaryngol 2014; 78(11):2003-6. doi: 10.1016/j.ijporl.2014.08.027. Epub 2014 Aug 28. PMID: 25200853
74. Messacar K, Cree-Green M, Lovell M, Anderson MS, Dominguez SR. Severe Neuroinvasive West Nile Virus Infection in a Child with Undiagnosed Addison's Disease. IDCases. 2014;1(3):29-31. doi: 10.1016/j.idcr.2014.04.001. PMID: 25133095; PMCID: PMC4131694.
75. Ng VL, Haber BH, Magee JC, Miethke A, Murray KF, Michail S, Karpen SJ, Kerkar N, Molleston JP, Romero R, Rosenthal P, Schwarz KB, Shneider BL, Turmelle YP, Alonso EM, Sherker AH, Sokol RJ; Childhood Liver Disease Research and Education Network (CHiLDREN). Schwarz K, Anders R, Colombani P, Kafka K, Karnsakul W, Wachter L, Lurie A, Lurie RH, Whitington P, Alonso E, Bass L, Kaurs E, Kelly S, Melin-Aldana H, Rizzo D, Superina R, Bezerra J, Bove K, Denlinger J, Ferris A, Heubi J, Jha P, LaGory D, Miethke A, Palermo J, Reed S, Setchell K, Stamper M, Tiao G, Sokol R, Byrne T, Hines J, Hite M, Karrer F, Lovell M, Mack C, Miller T, Narkewicz M, Schardt T, Suchy F, Sundaram S, Urban T, Van Hove J, Arnon R, Chu J, Cohen I, Haydel B, Iyer K, Magid M, Ramnath S, Loomes K, Brown L, Crisci T, Erlichman J, Falsey A, Flake A, Piccoli D, Rand E, Russo P, Spinner N, Wu E, Shneider B, Alissa F, Bookser A, Bowen A, Bukauskas K, Jaffe R, Lindblad D, Mazariegos G, Ortiz-Aguayo R, Perlmutter D, Ranganathan S, Sandene E, Scholz S, Sindhi R, Smith D, Squires R Jr, Venkat V, Vockley J, Rosenthal P, Bull L, Fields S, Fleck S, Heyman M, Hirose S, Kim G, Langlois C, Roberts J, Turmelle Y, Bontemps L, Dillon P, Harris K, Lowell J, Postma S, Rider J, Rudnick D, Stoll J, Weymann A, White F, Hertel P, Apted Z, Brandt M, Brown J, Carter B, Finegold M, Gibbs R, Harpavat S, McCartney T, Teckman J, Kociela V, Molleston J, Bozic M, Byam B, Cummings O, Klipsch A, Sawyers C, Subbarao G, West K, Murray K, Cooper K, Finn L, Healey P, Horslen S, Jacob S, Young M, Ng V, Chung C, DeAngelis M, Fecteau A, Hannan W, Hunt K, Kamath B, Langer J, O'Connor C, Quammie C, Rankin S, Van Roestel K, Wang K, Ford H, Franco E, Goodhue C, Kerker N, Michail S, Pech J, Thomas D, Wang L, Karpen S, Abramowsky C, Clifton M, de la Cruz-Tracey L, Gupta N, Hankerson-Dyson D, Rhodes J, Romero R, Shehata B, Tory R, Turner-Green T, Vos M, Wellons A, Thompson R, Brown S, Doo E, Hoofnagle J, Sherker A, Torrance R, Magee J, DiFranco D, Jones K, Raghunathan T, Spino C, Ye W . Medical status of 219 children with biliary atresia surviving long-term with their native livers: results from a North American multicenter consortium.

 J Pediatr. 2014 Sep;165(3):539-546.e2. doi: 10.1016/j.jpeds.2014.05.038. Epub 2014 Jul 9. Erratum in: J Pediatr. 2015 Jan;166(1):211. PMID: 25015575; PMCID: PMC4144331.

1. Chatfield KC, Coughlin CR 2nd, Friederich MW, Gallagher RC, Hesselberth JR, Lovell MA, Ofman R, Swanson MA, Thomas JA, Wanders RJ, Wartchow EP, Van Hove JL. Mitochondrial energy failure in HSD10 disease is due to defective mtDNA transcript processing. Mitochondrion. 2015 Jan 6;21C:1-10. doi: 10.1016/j.mito.2014.12.005. Epub 2015 Jan 6. PMID: 25575635
2. Saari J, Lovell MA, Yu HC, Bellus GA Compound heterozygosity for a frame shift mutation and a likely pathogenic sequence variant in the planar cell polarity-ciliogenesis gene WDPCP in a girl with polysyndactyly, coarctation of the aorta, and tongue hamartomas. Am J Med Genet A. 2015 Feb;167(2):421-7. doi: 10.1002/ajmg.a.36852. Epub 2014 Nov 26. PMID: 25427950
3. Davern MS, Lovell MA, Wilkinson CC. Cavernous Hemangiomas of the Pediatric Calvaria. Pediatr Neurosurg. 2015;50(6):321-4. doi: 10.1159/000439281. Epub 2015 Oct 22. PMID: 26488394.
4. Russo P, Magee JC, Anders RA, Bove KE, Chung C, Cummings OW, Finegold MJ, Finn LS, Kim GE, Lovell MA, Magid MS, Melin-Aldana H, Ranganathan S, Shehata BM, Wang LL, White FV, Chen Z, Spino C; Childhood Liver Disease Research Network (ChiLDReN). Key Histopathologic Features of Liver Biopsies That Distinguish Biliary Atresia From Other Causes of Infantile Cholestasis and Their Correlation With Outcome: A Multicenter Study. Am J Surg Pathol. 2016 Dec;40(12):1601-1615. doi: 10.1097/PAS.0000000000000755. PMID: 27776008; PMCID: PMC5123664.
5. Yin L, Lovell MA, Wilson ML, Wei Q, Liang X. Distinct *GATA1* point mutations in monozygotic twins with Down syndrome and transient abnormal myelopoiesis from a triplet pregnancy: A case report and review of the literature. Am J Clin Pathol. 2016 Dec;146(6):753-759. doi: 10.1093/ajcp/aqw190. Epub 2016 Dec 27.
6. Friederich MW, Erdogan AJ, Coughlin CR 2nd, Elos MT, Jiang H, O'Rourke C, Lovell MA, Wartchow E, Gowan K, Chatfield KC, Chick WS, Spector E, Van Hove JL, Riemer J. Mutations in the accessory subunit NDUFB10 result in isolated complex I deficiency and illustrate the critical role of intermembrane space import for complex I holoenzyme assembly. Hum Mol Genet. 2016 Dec 30. pii: ddw431. doi: 10.1093/hmg/ddw431. [Epub ahead of print] PMID: 28040730
7. Lobeck IN, Sheridan R, Lovell M, Dupree P, Tiao GM, Bove KE. Cystic Biliary Atresia and Choledochal Cysts Are Distinct Histopathologic Entities. Am J Surg Pathol. 2017 Mar;41(3):354-364. doi: 10.1097/PAS.0000000000000805. PMID: 28079575.
8. Zhelnin KE, Gebhard GM, Mirsky DM, Oliver SC, Lovell MA, Galambos C, Crombleholme TM, McCourt EA. Pediatric intraocular immature teratoma associated with sacrococcygeal teratoma. Pediatr Dev Pathol 2017 Jun; 20(3):240-244. doi: 10.1177/1093526616686233. Epub 2017 Jan 25. PMID: 28521629
9. Bove KE, Sheridan R, Fei L, Anders R, Chung CT, Cummings OW, Finegold MJ, Finn L, Ranganathan S, Kim G, Lovell M, Magid MS, Melin-Aldana H, Russo P, Shehata B, Wang L, White F, Chen Z, Spino C, Magee JC. Hepatic Hilar Lymph Node Reactivity at Kasai Portoenterostomy for Biliary Atresia: Correlations With Age, Outcome, and Histology of Proximal Biliary Remnant. Pediatr Dev Pathol. 2018 Jan-Feb;21(1):29-40. doi: 10.1177/1093526617707851. Epub 2017 May 5. PMID: 28474973; PMCID: PMC7986481.
10. Deeney S, Stewart C, Treece AL, Black JO, Lovell MA, Garrington T, Karrer F, Bruny J. Diagnostic utility of core needle biopsy versus open wedge biopsy for pediatric intraabdominal solid tumors: Results of a prospective clinical study. J Pediatr Surg. 2017 Dec;52(12):2042-2046. doi: 10.1016/j.jpedsurg.2017.08.032. Epub 2017 Sep 4. PMID: 28943139.
11. Dimachkieh AL, Dobbie A, Olson DR, Lovell MA, Prager JD. Tracheal paraganglioma presenting as stridor in a pediatric patient, case report and literature review. Int J Pediatr Otorhinolaryngol. 2018 Apr; 107:145-149. doi: 10.1016/j.ijporl.2018.02.010. Epub 2018 Feb 7. Review. PMID: 29501297
12. Ng VL, Sorensen LG, Alonso EM, Fredericks EM, Ye W, Moore J, Karpen SJ, Shneider BL, Molleston JP, Bezerra JA, Murray KF, Loomes KM, Rosenthal P, Squires RH, Wang K, Arnon R, Schwarz KB, Turmelle YP, Haber BH, Sherker AH, Magee JC, Sokol RJ; Childhood Liver Disease Research Network (ChiLDReN). Neurodevelopmental Outcome of Young Children with Biliary Atresia and Native Liver: Results from the ChiLDReN Study. J Pediatr. 2018 May; 196:139-147.e3. doi: 10.1016/j.jpeds.2017.12.048. Epub 2018 Mar 5. PMID: 29519540
13. Vögtle FN, Brändl B, Larson A, Pendziwiat M, Friederich MW, White SM, Basinger A, Kücükköse C, Muhle H, Jähn JA, Keminer O, Helbig KL, Delto CF, Myketin L, Mossmann D, Burger N, Miyake N, Burnett A, van Baalen A, Lovell MA, Matsumoto N, Walsh M, Yu HC, Shinde DN, Stephani U, Van Hove JLK, Müller FJ, Helbig I. Mutations in PMPCB Encoding the Catalytic Subunit of the Mitochondrial Presequence Protease Cause Neurodegeneration in Early Childhood. Am J Hum Genet. 2018 Apr 5;102(4):557-573. doi: 10.1016/j.ajhg.2018.02.014. Epub 2018 Mar 22. PMID: 29576218
14. Goral D, Highland J, Lovell MA, Chan KH. Head and neck presentation of Gardner Syndrome: A pediatric case series. Int J Pediatr Otorhinolaryngol. 2018 Jul;110:31-33. doi: 10.1016/j.ijporl.2018.04.018. Epub 2018 Apr 25. PMID: 29859582.
15. Bove KE, Thrasher AD, Anders R, Chung CT, Cummings OW, Finegold MJ, Finn L, Ranganathan S, Kim GE, Lovell M, Magid MS, Melin-Aldana H, Russo P, Shehata B, Wang L, White F, Chen Z, Spino C, Magee JC. Inflammation, Active Fibroplasia, and End-stage Fibrosis in 172 Biliary Atresia Remnants Correlate Poorly with Age at Kasai Portoenterostomy, Visceral Heterotaxy, and Outcome. Am J Surg Pathol. 2018 Dec;42(12):1625-1635. doi: 10.1097/PAS.0000000000001146.

PMID: 30247160

1. Khalaf RT, Mehta P, Lovell MA, Friedlander JA. Esophagitis Dissecans Superficialis Diagnosed by Unsedated Transnasal Esophagoscopy. J Pediatr Gastroenterol Nutr. 2019 Aug;69(2):e54. doi: 10.1097/MPG.0000000000002173. PMID: 30320667; PMCID: PMC10234593.
2. Trecartin AC, Pena A, Lovell M, Bruny J, Mueller C, Urquidi M, Bischoff A. Anal duplication: is surgery indicated? A report of three cases and review of the literature. Pediatr Surg Int. 2019 Jun 29. doi: 10.1007/s00383-019-04509-x. [Epub ahead of print]
3. Francom CR, Leoniak SM, Lovell MA, Herrmann BW. Head and neck pleomorphic myxoid liposarcoma in a child with Li-Fraumeni syndrome. Int J Pediatr Otorhinolaryngol. 2019 Aug;123:191-194. doi: 10.1016/j.ijporl.2019.05.016. Epub 2019 May 18. PMID: 31129458.
4. Boscoe EF, Hararah MK, Lovell M, Kelley P. Benign tumoral melanosis of a cervical lymph node in a child. Int J Pediatr Otorhinolaryngol. 2020 May;132:109916. doi: 10.1016/j.ijporl.2020.109916. Epub 2020 Jan 30. PMID: 32035349.
5. Mylavarapu R, Kulikauskas MR, Dierkes C, Sobhani N, Finlon J, Mangette M, Stevens W, Arbab F, Neil F. Box MF, Lovell M, Muley A, Shawber CJ, Tamburini B, Kiefer F, Terzian T. p53 plays a central role in lymphatic anomalies. bioRxiv 2020.03.18.992784; doi: <https://doi.org/10.1101/2020.03.18.992784>
6. Misch E, Kashiwazaki R, Lovell MA, Herrmann BW. Pediatric sublingual dermoid and epidermoid cysts: A 20-year institutional review. Int J Pediatr Otorhinolaryngol. 2020 Nov;138:110265. doi: 10.1016/j.ijporl.2020.110265. Epub 2020 Aug 4. PMID: 32795730.
7. Peña A, De La Torre L, Belkind-Gerson J, Lovell M, Ketzer J, Bealer J, Bischoff A. Enema-Induced spastic left colon syndrome: An unintended consequence of chronic enema use. J Pediatr Surg. 2020 Oct 31:S0022-3468(20)30780-6. doi: 10.1016/j.jpedsurg.2020.10.027. Epub ahead of print. PMID: 33199058.
8. deZoeten EF, Battista KD, Colson SB, Lovell MA, Kessler BE, Isfort RW, Fennimore BP, Onyiah JC, Kao DJ, Yeckes A, Keely S, Murray M, Hoffenberg EJ, Colgan SP, Gerich ME. Markers of hypoxia correlate with histologic and endoscopic severity of colitis in inflammatory bowel disease. Hypoxia (Auckl). 2020 Feb 10;8:1-12. doi: 10.2147/HP.S219049. PMID: 32104717; PMCID: PMC7026141.
9. Woods C, Kapur RP, Bischoff A, Lovell M, Arnold M, Peña A, Flockton A, Sharkey KA, Belkind-Gerson J. Neurons populating the rectal extrinsic nerves in humans express neuronal and Schwann cell markers. Neurogastroenterol Motil. 2020 Dec 31:e14074. doi: 10.1111/nmo.14074. Epub ahead of print. PMID: 33382200.
10. Kemme S, Stahl M, Brigham D, Lovell MA, Nakano T, Feldman AG, Mack C. Outcomes of Severe Seronegative Hepatitis-associated Aplastic Anemia: A Pediatric Case Series. J Pediatr Gastroenterol Nutr. 2021 Feb 1;72(2):194-201. doi: 10.1097/MPG.0000000000002940. PMID: 32925550; PMCID: PMC7856235.
11. Reppucci ML, Arnold MA, Lovell M, Santos-Jasso K, Ketzer J, Pena A, de la Torre L, Bischoff A. Is the appendix a good organ to diagnose total colonic aganglionosis? Pediatr Surg Int. 2022 Jan;38(1):25-30. doi: 10.1007/s00383-021-05023-9. Epub 2021 Sep 23. PMID: 34554294.
12. Ghosh S, Devereaux MW, Anderson AL, Gehrke S, Reisz JA, D'Alessandro A, Orlicky DJ, Lovell M, El Kasmi KC, Shearn CT, Sokol RJ. NF-κB Regulation of LRH-1 and ABCG5/8 Potentiates Phytosterol Role in the Pathogenesis of Parenteral Nutrition-Associated Cholestasis. Hepatology. 2021 Dec;74(6):3284-3300. doi: 10.1002/hep.32071. Epub 2021 Aug 27. PMID: 34310734; PMCID: PMC8639620.
13. Boster JM, Superina R, Mazariegos GV, Tiao GM, Roach JP, Lovell MA, Greffe BS, Yanni G, Leung DH, Elisofon SA, McDiarmid SV, Gupta NA, Lobritto SJ, Lemoine C, Stoll JM, Vitola BE, Daniel JF, Sayed BA, Desai DM, Martin AE, Amin A, Anand R, Anderson SG, Sundaram SS. Predictors of survival following liver transplantation for pediatric hepatoblastoma and hepatocellular carcinoma: Experience from the Society of Pediatric Liver Transplantation (SPLIT). Am J Transplant. 2022 Jan 6. doi: 10.1111/ajt.16945. Epub ahead of print. PMID: 34990053.
14. Han DS, Chalmers DJ, Greffe B, Garrington T, Partrick D, Lovell M, Schneider KW, Cost NG. A Cystic Renal Mass in the Setting of a Pneumothorax: More Than Meets the Eye? Urology. 2021 Aug;154:275-277. doi: 10.1016/j.urology.2021.01.049. Epub 2021 Feb 9. PMID: 33571543.
15. Chaidez A, Pan Z, Sundaram SS, Boster J, Lovell M, Sokol RJ, Mack CL. The discriminatory ability of FibroScan liver stiffness measurement, controlled attenuation parameter, and FibroScan-aspartate aminotransferase to predict severity of liver disease in children. Hepatol Commun. 2022 Nov;6(11):3015-3023. doi: 10.1002/hep4.1983. Epub 2022 Sep 7. PMID: 36069338; PMCID: PMC9592794.
16. Lee NK, Lovell MA, Herrmann BW. Rosai-Dorfman-Destombes Disease in the Pediatric Head and Neck. Ann Otol Rhinol Laryngol. 2023 Sep;132(9):1121-1127. doi: 10.1177/00034894221130822. Epub 2022 Nov 3. PMID: 36330598.
17. Malone LJ, Browne LP, Morgan GJ, Lovell MA, Campbell DN, Jaggers JJ, Leahy RA, Mitchell MB, Mong DA, Weinman JP, Zablah JE, Stone ML. Computed Tomographic Angiography Provides Reliable Coronary Artery Evaluation in Infants With Pulmonary Atresia Intact Ventricular Septum. Semin Thorac Cardiovasc Surg. 2022 Oct 14:S1043-0679(22)00255-6. doi: 10.1053/j.semtcvs.2022.10.003. Epub ahead of print. PMID: 36244628.
18. Oase K, Cheryl M, Oba A, Al-Musawi MH, Sheridan A, Norris E, Mehrotra S, Lovell MA, Schulick RD, Ahrendt SA, Chiaro MD. Solid Pseudopapillary Neoplasm: A Single Institutional Case Series of a Rare Pancreatic Tumor. J Adv Pract Oncol. 2022 Jul;13(5):497-505. doi: 10.6004/jadpro.2022.13.5.3. Epub 2022 Jul 27. PMID: 35910503; PMCID: PMC9328450.
19. Bass LM, Ye W, Hawthorne K, Leung DH, Murray KF, Molleston JP, Romero R, Karpen S, Rosenthal P, Loomes KM, Wang KS, Squires RH, Miethke A, Ng VL, Horslen S, Kyle Jensen M, Sokol RJ, Magee JC, Shneider BL; ChiLDReN. Estella Alonso, Lee Bass, Susan Kelly, Mary Riordan, Hector Melin-Aldana, Jorge Bezerra, Kevin Bove, James Heubi, Alexander Miethke, Greg Tiao, Julie Denlinger, Erin Chapman, Ronald Sokol, Amy Feldman, Cara Mack, Michael Narkewicz, Frederick Suchy, Shikha Sundaram, Johan Van Hove, Benigno Garcia, Mikaela Kauma, Kendra Kocher, Matthew Steinbeiss, Mark Lovell, Kathleen Loomes, David Piccoli, Elizabeth Rand, Pierre Russo, Nancy Spinner, Jessi Erlichman, Samantha Stalford, Dina Pakstis, Sakya King, Robert Squires, Rakesh Sindhi, Veena Venkat, Kathy Bukauskas, Patrick McKiernan, Lori Haberstroh, James Squires, Philip Rosenthal, Laura Bull, Joanna Curry, Camille Langlois, Grace Kim, Jeffery Teckman, Vikki Kociela, Rosemary Nagy, Shraddha Patel, Jacqueline Cerkoski, Jean P Molleston, Molly Bozic, Girish Subbarao, Ann Klipsch, Cindy Sawyers, Oscar Cummings, Simon Horslen, Karen Murray, Evelyn Hsu, Kara Cooper, Melissa Young, Laura Finn, Binita Kamath, Vicky Ng, Claudia Quammie, Juan Putra, Deepika Sharma, Aishwarya Parmar, Stephen Guthery, Kyle Jensen, Ann Rutherford, Amy Lowichik, Linda Book, Rebecka Meyers, Tyler Hall, Kasper Wang, Sonia Michail, Danny Thomas, Catherine Goodhue, Rohit Kohli, Larry Wang, Nisreen Soufi, Daniel Thomas, Saul Karpen, Nitika Gupta, Rene Romero, Miriam B Vos, Rita Tory, John-Paul Berauer, Carlos Abramowsky, Jeanette McFall, Benjamin Shneider, Sanjiv Harpavat, Paula Hertel, Daniel Leung, Mary Tessier, Deborah Schady, Laurel Cavallo, Diego Olvera, Christina Banks, Cynthia Tsai, Richard Thompson, Edward Doo, Jay Hoofnagle, Averell Sherker, Rebecca Torrance, Sherry Hall, John Magee, Robert Merion, Cathie Spino, Wen Ye.Risk of variceal hemorrhage and pretransplant mortality in children with biliary atresia. Hepatology. 2022 Sep;76(3):712-726. doi: 10.1002/hep.32451. Epub 2022 Apr 18. PMID: 35271743; PMCID: PMC9378352.
20. Nash MJ, Dobrinskikh E, Janssen RC, Lovell MA, Schady DA, Levek C, Jones KL, D'Alessandro A, Kievit P, Aagaard KM, McCurdy CE, Gannon M, Friedman JE, Wesolowski SR. Maternal Western diet is associated with distinct preclinical pediatric NAFLD phenotypes in juvenile nonhuman primate offspring. Hepatol Commun. 2023 Jan 18;7(2):e0014. doi: 10.1097/HC9.0000000000000014. PMID: 36691970; PMCID: PMC9851700.
21. Leung DH, Devaraj S, Goodrich NP, Chen X, Rajapakshe D, Ye W, Andreev V, Minard CG, Guffey D, Molleston JP, Bass LM, Karpen SJ, Kamath BM, Wang KS, Sundaram SS, Rosenthal P, McKiernan P, Loomes KM, Jensen MK, Horslen SP, Bezerra JA, Magee JC, Merion RM, Sokol RJ, Shneider BL, Alonso E, Bass L, Kelly S, Riordan M, Melin-Aldana H, Bezerra J, Bove K, Heubi J, Miethke A, Tiao G, Denlinger J, Chapman E, Sokol R, Feldman A, Mack C, Narkewicz M, Suchy F, Sundaram SS, Van Hove J, Garcia B, Kauma M, Kocher K, Steinbeiss M, Lovell M, Loomes KM, Piccoli D, Rand E, Russo P, Spinner N, Erlichman J, Stalford S, Pakstis D, King S, Squires R, Sindhi R, Venkat V, Bukauskas K, McKiernan P, Haberstroh L, Squires J, Rosenthal P, Bull L, Curry J, Langlois C, Kim G, Teckman J, Kociela V, Nagy R, Patel S, Cerkoski J, Molleston JP, Bozic M, Subbarao G, Klipsch A, Sawyers C, Cummings O, Horslen SP, Murray K, Hsu E, Cooper K, Young M, Finn L, Kamath BM, Ng V, Quammie C, Putra J, Sharma D, Parmar A, Guthery S, Jensen K, Rutherford A, Lowichik A, Book L, Meyers R, Hall T, Wang KS, Michail S, Thomas D, Goodhue C, Kohli R, Wang L, Soufi N, Thomas D, Karpen S, Gupta N, Romero R, Vos MB, Tory R, Berauer JP, Abramowsky C, McFall J, Shneider BL, Harpavat S, Hertel P, Leung D, Tessier M, Schady D, Cavallo L, Olvera D, Banks C, Tsai C, Thompson R, Doo E, Hoofnagle J, Sherker A, Torrance R, Hall S, Magee J, Merion R, Spino C, Ye W; Childhood Liver Disease Research Network. Serum biomarkers correlated with liver stiffness assessed in a multicenter study of pediatric cholestatic liver disease. Hepatology. 2023 Feb 1;77(2):530-545. doi: 10.1002/hep.32777. Epub 2022 Nov 3. PMID: 36069569; PMCID: PMC10151059.
22. Chriswell ME, Fuhlbrigge RC, Lovell MA, Monson M, Bloom JL. Why so low? An unusual case of myositis in a child. Pediatr Rheumatol Online J. 2023 Apr 18;21(1):36. doi: 10.1186/s12969-023-00816-9. PMID: 37072782; PMCID: PMC10111759.
23. Jin ES, Malloy CR, Sharma G, Finn E, Fuller KNZ, Reyes YG, Lovell MA, Derderian SC, Schoen JA, Inge TH, Cree MG. Glycerol as a precursor for hepatic de novo glutathione synthesis in human liver. Redox Biol. 2023 Jul;63:102749. doi: 10.1016/j.redox.2023.102749. Epub 2023 May 16. PMID: 37224695; PMCID: PMC10225920.

**Books and Monographs:**

Contributing Editor: Year Book of Pathology and Laboratory Medicine, Elsevier, 1995 to 1997

**Book Chapters, Invited Articles, Reviews:**

1. Lovell MA. Molecular analysis of lymphocyte subsets. In: Manual for Procedures for the Seminar on Application of Nucleic Acid Probes and Monoclonal Antibodies in Human Disease, F.W. Sunderman (Ed.), Philadelphia: Institute for Clinical Science, 1986, pp. 59-82.
2. Lovell MA, Mifflin TE. A glossary for recombinant DNA technology. In: Manual for Procedures for the Seminar on Application of Nucleic Acid Probes and Monoclonal Antibodies in Human Disease, F.W. Sunderman (Ed.), Philadelphia: Institute for Clinical Science, 1986, pp. 231-235.
3. Lovell MA. Molecular pathology. In: McGraw-Hill Encyclopedia of Science and Technology, 8th edition, Sybil P. Parker, ed., New York (1997) Vol. 11, pp. 391-393.
4. Sokol RJ, Lovell MA. Metabolic diseases of the liver. *In: Yamada T (ed). Atlas of Gastroenterology*, *Third Edition*. Lippincott Williams & Wilkins, Philadelphia. 2003:661-665.
5. Sokol RJ, Lovell MA. Metabolic diseases of the liver. *In: Yamada T et al (eds). Atlas of Gastroenterology*, *Fourth Edition*. Wiley-Blackwell, Philadelphia. 2009:676-679.
6. Sokol RJ, Lovell MA. Metabolic diseases of the liver. In: Podolsky DK et al (eds). Yamada’s Atlas of Gastroenterology, Fifth Edition. Lippincott Wiley-Blackwell, Philadelphia. 2016:.419-422.

**Invited Articles:**

1. Lovell MA, MacMillan RH. Aspirin Overdose, Clin Chem News, American Association for Clinical Chemistry, Washington, D.C., ll(7):8-9, l9, (1985).
2. Quiz of the Month, Clin Chem News, American Association for Clinical Chemistry, Washington, D.C., ll(9):l4-l5 (l985).
3. Silverman LM, Hejtmancik JF, Thibodeau SN, Lovell MA. Panel Discussion, Clin Chem 35, Suppl B: B53-B54 (1989).
4. Lovell MA, Mifflin TE. A glossary for molecular biology. Clin Chem 35: 1816-1818 (1989).
5. Lovell MA. Quality assurance in diagnostic molecular immunology. Clin Immunol Newsletter 10:150-154, 1990.
6. Lovell MA. Molecular pathology survey in works. CAP Today 4:40-41 (1990).
7. Lovell MA. Evolution of the molecular oncology survey program. CAP Today 8:49, 51 (1994).
8. Grody WW, Lovell MA. Molecular diagnostics 1994. Diagn Molec Pathol 4:1 (1995).
9. Lovell MA, Grody WW. Molecular diagnostics 1995: Birth of an association. Diagn Molec Pathol 5:1-2 (1996).
10. Lovell MA. Molecular diagnostics 1996: Coming into our own. Diagn Molec Pathol 6:1-2

(1997).

11. Shrimpton A, Lovell MA, Medeiros LJ, Kaul KL, Ladanyi M, Voelkerding KV. 1999 association for molecular pathology annual meeting. J Molec Diagn 2:53-55, 2000.

1. Lovell, MA. President’s Message. Association for Molecular Pathology Newsletter. 11 (1): 1-2, Feb 2005
2. Lovell, MA. Dogma versus Data. Association for Molecular Pathology Newsletter. 11 (2): 1, 7, June 2005.
3. Lovell, MA. Follow-Up and Pharmacogenomics. Association for Molecular Pathology Newsletter. 11(3):1, 5, Oct 2005.

**National Professional Education Materials and Webinars:**

Malcolm EK, Mathieu CL, Lovell MA. Posttransplant lymphoproliferative disorder in pediatric lung transplant. ASCP CheckSample, Surgical Pathology II, Vol. 23, #7, 1999.

Lovell MA. Molecular pathology in the diagnosis and management of acute leukemia. American Society of Clinical Pathology Teleconference (#6114), October 5, 2004.

Lovell MA, Rachel JM. Optimizing your molecular diagnostic test menu: Lessons from lab leaders. Washington G2 Reports Webinar, April 2, 2009. [http://www.g2reports.com/webi](http://www.ioma.us/ls.cfm?r=118016910&sid=6241053&m=699655&u=IOMA&s=http://www.g2reports.com/webinars/1180.html?priority=AMP56EM7)[nar](http://www.ioma.us/ls.cfm?r=118016910&sid=6241054&m=699655&u=IOMA&s=http://www.g2reports.com/webinars/1180.html?priority=AMP56EM7)[s/](http://www.ioma.us/ls.cfm?r=118016910&sid=6241055&m=699655&u=IOMA&s=http://www.g2reports.com/webinars/1180.html?priority=AMP56EM7)[1180](http://www.ioma.us/ls.cfm?r=118016910&sid=6241056&m=699655&u=IOMA&s=http://www.g2reports.com/webinars/1180.html?priority=AMP56EM7)[.html](http://www.ioma.us/ls.cfm?r=118016910&sid=6241057&m=699655&u=IOMA&s=http://www.g2reports.com/webinars/1180.html?priority=AMP56EM7).

**Letters to the Editor:**

1. Golden WL, Sudduth KW, Lovell MA. Clonal evolution of a Wilms' tumor. Cancer Genet Cytogenet 1992; 60: 102-4.
2. Micel L, Nuss R, Fenton L, Lovell M, Silliman CC. Non-palpable splenic enlargement as the etiology of abdominal pain in an adolescent with hemoglobin SC disease. Pediatr Blood Cancer 57(2):352-3, 2011 Aug.

**Scientific Abstracts:** (Platform Speaker \*, Poster #, Published Abstract§)

1. Lovell MA, Rowley JC, Moran DT, Jafek BW. The fine structure of human olfactory epithelium. J Cell Biol 91:96a, #5051, 1981. \*, §

2. Lovell MA, Bruns DE. Principles of diagnostic nucleic acid technology. Ann Clin Lab Sci 15:316, 1985. \*, §

3. Williams ME, Lovell M, Innes DJ, Borowitz MJ, Byrne GE, Whitcomb CC, Chan WC, Byrnes RK, Thomas CY. Immunoglobulin and T-cell receptor gene rearrangements in human lymphoma and leukemia: Correlation with tumor immunophenotype. Blood 66:247a, 1985. §

4. Bastani B, Mifflin TE, Lovell MA, Bowden J. Comparison of serum amylase (total and pancreatic Isoenzyme) activity in patients with chronic renal failure on maintenance hemodialysis, peritoneal dialysis or no dialysis. Presented at 6th National CAPD Conference, Kansas City, MO, February 5, 1986.

5. Mifflin TE, Bowden J, Lovell MA, Groschel D, Savory J, Bruns DE. Evaluation and use of DNA probe for cytomegalovirus. Ann Clin Lab Sci 16:324, 1986. §

6. Mifflin TE, Bowden J, Lovell M, Savory J, Groschel D, Hayden F, Bruns DE. Isolation and use of a DNA probe for rapid detection of cytomegalovirus. Clin Chem 32:1175, 1986. §

7. Bowden J, Mifflin TE, Lovell M, Savory J, Groschel D, Hayden F, Bruns DE. Comparison of radioisotopic and nonisotopic DNA probes for cytomegalovirus DNA. Clin Chem 32:1172,1986. §

8. Bastani B, Mifflin TE, Lovell MA, Bowden J, Bruns DE. Comparison of serum amylase (total and pancreatic isoenzyme) activity in patients with chronic renal failure, on maintenance hemodialysis, peritoneal dialysis, or no dialysis. Virginia Regional ACP Associate Program, 1986.

1. Williams ME, Innes DJ, Lovell MA, Thomas CY. Immunoglobulin and T-cell receptor gene rearrangements in human lymphoma and lymphoid leukemia. Presented at 23rd Annual Meeting, Virginia Society of Hematology and Oncology, Virginia Beach, VA, June 13, 1986.

10. Lovell MA, Williams ME, Innes DJ, Thomas CY. Gene rearrangements in hyperplastic lymph nodes. Presented at 23rd Annual Meeting, Virginia Society of Hematology and Oncology, Virginia Beach, VA, June 13, 1986. \*

11. Lovell MA, Williams ME, Innes DJ, Thomas CY. Clinical utility of gene rearrangements in lymphoid neoplasms. Presented at 79th Meeting, Association of Clinical Scientists, Atlanta, GA, November 16, 1986. \*

12. Lovell MA, Latham KE, Konigsberg IR, Emerson CP. Proliferation and differentiation in rhabdomyosarcoma. Presented at 7th Annual Seminar of Cancer Research, Virginia Division, American Cancer Society, Charlottesville, VA, March 28, 1987. \*

13. Lovell MA, Latham KE, Konigsberg IR, Emerson CP. Rhabdomyosarcoma differentiation in vitro. Presented at 24th Annual Meeting, Virginia Society of Hematology and Oncology, Virginia Beach, VA, June 12, 1987. \*

14. Lovell MA, Latham KE, Konigsberg IR, Emerson CP. Rhabdomyosarcoma proliferation and differentiation. 5th Annual Meeting, International Society of Differentiation, Boulder, CO, August 3, 1987. #

*15.* Williams ME, Lee JT, Innes DJ, Swerdlow SH, Hurtubise PE, Lovell MA, Thomas CY. Immunoglobulin gene rearrangements in lymphoid hyperplasia. Blood 70 Suppl. 272 a, 1987. §

16. Lovell MA. N-ras point mutations in rhabdomyosarcoma. Presented at 26th Annual Meeting, Virginia Society of Hematology and Oncology, Virginia Beach, VA, June 10, 1989. \*

17. Lovell MA, Golden WL, Sudduth KW. Unique cytogenetic abnormalities in an alveolar rhabdomyosarcoma. Developmental Genetics of Childhood Cancer. American Association for Cancer Research, San Diego, CA, February 10, 1991. #

18. Hulse CL, Lovell MA, Golden WL, Sudduth KW. Loss of heterozygosity in pediatric leiomyosarcoma. Developmental Genetics of Childhood Cancer.American Association for Cancer Research, San Diego, CA, February 10, 1991. #

19. Golden WL, Lovell MA, Sudduth KW. Clonal evolution in a Wilms tumor. Developmental Genetics of Childhood Cancer. American Association for Cancer Research, San Diego, CA, February 10, 1991. #

20. Lovell MA. Loss of heterozygosity on chromosome 11p15.5 in pleomorphic rhabdomyosarcoma. Eleventh Annual Symposium, Virginia Division, American Cancer Society, Charlottesville, VA, April 13, 1991. \* (Session Chair)

21. Golden WL, Lovell MA, von Kap-herr C, Sudduth KW. Cytogenetic studies of solid tumors and lymphomas. Eleventh Annual Symposium, Virginia Division, American Cancer Society, Charlottesville, VA, April 13, 1991.

22. Shashi V, Lovell MA, Golden WL. Malignant rhabdoid tumor of the kidney: involvement of chromosome 22. American Cytogenetics Conference, Seattle, WA, March 31, 1993, Cytogenet Cell Genet §

23. Campbell MS, Lovell MA, Gorbsky GJ. Studies on the genesis and stability of nuclear segmentation in human neutrophils. American Society for Cell Biology, New Orleans, LA, December 1993. #

24. Waldron PE, Lovell MA, Sheffield VC. Malignant rhabdoid tumor of the kidney in a child with a germline p53 mutation. American Pediatric Society, Society for Pediatric Research, Seattle, WA, May 5, 1994.

25. Lovell MA, Bowden JH, Shelton S, Thiagarajah S, Kelly TE. Acardiac twin ontogeny by DNA polymorphism analysis. American Society for Human Genetics, Montreal, Quebec, CANADA, October 22, 1994. #, §

26. McDaniel NL, Lovell MA. Abnormal frenulum and maxillary findings in hypoplastic left heart syndrome. Mid-Atlantic Pediatric Cardiology Society Meeting, Falls Church, VA, April 7, 1995.

27. Hakala BE, VanNiel EE, Lovell MA. Diagnosis of Ewing's sarcoma using the polymerase chain reaction. 48th Annual Meeting, Virginia Orthopedic Society, Williamsburg, VA, April 30, 1995.

28. Sue M, Caldwell SH, Bowden JH, Dickson RC, Driscoll C, Stevenson WC, Ishitani MB, McCullough CS, Pruett TL, Lovell MA. Hepatitis c viral RNA in body fluids after liver transplantation. Annual Meeting, American Gasteroenterology Association, San Diego, CA, May 17, 1995.

29. McGlennen RC, Allison PS, Mathias-Hagen VL, Parker TL, Lovell MA, Kelly TE. Evidence of an unstable 27 CAG repeat allele in the huntingtin gene giving rise to clinically overt huntington disease in a patient with the genotype (17/38). American Society of Human Genetics, 45th Annual Meeting, Minneapolis, MN, October 25, 1995 (Am J Human Genet 57 Suppl: A246, #1423). §

1. Garrett WT, Brashear HR, Lovell MA, Clayton MT, Harrison MB. Severe cortical atrophy in atypical Huntington’s disease. American Academy of Neurology, 49th Annual Meeting, Boston, MA, April 12-19, 1997.

31. Chisholm CA, Vavelidis F, Lovell MA, Roe DS, Sweetman L, Wilson WG. Prenatal diagnosis of glutaric aciduria type II associated with cystic renal changes and elevated maternal serum alpha-fetoprotein. American Society of Human Genetics, 49th Annual Meeting, San Francisco, CA, October 20-21, 1999 (Am J Human Genet 65 Suppl: A174, #950). #, §

1. Lovell MA, Karns LB, Ferguson JE, Buck ML, Wilson WG. Thymic hypoplasia and multiple malformations in the child of a liver transplant recipient. American Society of Human Genetics, 49th Annual Meeting, San Francisco, CA, October 22-23, 1999 (Am J Human Genet 65 Suppl: A333, #1876). #,§
2. Sarram AM, Koyle MA, Lovell MA, Furness PD. Benign mullerian papilloma-a rare cause of vaginal bleeding in children. Western Section American Urological Association, 76th Annual Meeting, Atlanta, GA, November 5-9, 2000.
3. McGavran L, Meltesen L, Meech S, Hutchinson R, Bitter MA, Ryder J, Hunger S, Lovell M, Wei Q, Odom L. Liang X. FISH studies of pediatric anaplastic large cell lymphoma (ALCL): Under-detection of Alk gene variant rearrangements. Ann Oncol 13 Suppl 2:111 #384 (2002).
4. Carlsen SN, Lovell MA, Furness III, PD, Koyle MA. Multilocular cystic nephroma: three case presentations and a review of the literature. American Urologic Association, South Central Section, Annual Meeting, Dublin, IRELAND, September 12, 2004.
5. Dubie L, Wei Q, Lovell M. A quantitative real-time BCR/ABL assay for monitoring patients with chronic myelogenous leukemia. 9th Annual Meeting, Association for Molecular Pathology, Orlando, FL, November 20-20, 2003, J Molec Diagn 5:266 #H9 (2003). #, §
6. Wei Q, Robinson C, Good, C, Lovell M. Quantitative, normalized, multiplex detection of Epstein-Barr virus and human C-reactive protein gene in peripheral white blood cells by Taqman™ PCR. 9th Annual Meeting, Association for Molecular Pathology, Orlando, FL, November 20-20, 2003, J Molec Diagn 5:274 #I20 (2003). #, §
7. Good C, Malcolm J, Dubie L, Danielson S, Wei Q, Lovell M. An easy-to-use Microsoft Access® database for the molecular diagnostic laboratory. 9th Annual Meeting, Association for Molecular Pathology, Orlando, FL, November 20-20, 2003, J Molec Diagn 5:287 #O1 (2003) #,§
8. Wei Q, Dubie L, Lovell M. Quantitative analysis of chimerism after bone marrow transplant by PCR amplification of STR markers and capillary electrophoresis on Beckman CEQ 8000. 10th Annual Meeting, Association for Molecular Pathology, Los Angeles, CA, November 11-13, 2004, J Molec Diagn 6:436 TT17 (2004) #, §
9. Danielson S, Wei Q, Robinson C, Lovell MA. Comparison of automated and manual nucleic acid extraction methods for diagnosis of human metapneumovirus by Real-Time PCR. 9th Annual Meeting, Association for Molecular Pathology, Scottsdale, AZ, November, 2005 J Molec Diagn 7:697 TT34 (2005) #, §
10. Wei Q, Dubie L, Lovell MA. Quantitative analysis of chimerism after allogeneic bone marrow transplant using Beckman Coulter’s chimeric DNA analyte specific reagent on the Beckman Vidiera™ NSD platform. International Society for Laboratory Hematology, Amsterdam, NETHERLANDS, April 25-28, 2006. #, § (online)
11. Gupta A., Lin P, Gheorghe G, Dunphy CH, Sun T, Lovell MA, Dirks N, Liang X. Absence of expression of CD34 and TdT is more common in precursor T-lymphoblastic leukemia than in precursor B-lymphoblastic leukemia.96th Annual meeting of United States and Canadian Academy of Pathology. San Diego, CA, 2007. Mod Path 2007:20 (Supplement 2): 242A*.*#, §
12. Rogers K, Wei Q, Dubie L, Lovell MA. Detection of thrombophilic mutations using GenomLab™ SNPStart primer extension kit with capillary electrophoresis. 13th Annual Meeting, Association for Molecular Pathology, Los Angeles, CA, November 8, 2007, J Molec Diagn 9(5):662 H04 (2007)
13. Dubie L, Wei Q, Lovell MA. Quantitative analysis of lineage-specific chimerism post-BMT using Beckman Coulter Vidiera™ chimeric DNA analyte specific reagent and nuclei sample detection system. 13th Annual Meeting, Association for Molecular Pathology, Los Angeles, CA, November 8, 2007, J Molec Diagn 9(5):664 H17 (2007) #, §
14. Hicks J, Lovell M, Barrish J, Zhu S-H, Wartchow E, Mireau G. Infanitle Rhabdomyofibrosarcoma: a variant of congenital infantile fibrosarcoma. 97th Annual Meeting, United States and Canadian Academy of Pathology, Denver, CO March 1-7, 2008 (Mod Pathol 21 Suppl 1, Jan 2008 #1706). #,§
15. Lovell MA, Wei Q, Jones N. Initial evaluation of Beckman SPRI-TE system for extraction of DNA from whole blood and quantitative CMV detection and thrombophilic nmutations detection by polymerase chain reaction. 14th Annual Meeting, Association for Molecular Pathology, Grapeville, TX, October 29, 2008, J Molec Diagn 10(6): 612 TT08 (2008) #, §
16. Lann MA, Lovell MA, Kleinschmidt-DeMasters BK. Acute hemorrhagic leukoencephalitis; a critical entity for forensic pathologists to recognize. National Association of Medical Examiners 42nd Annual Meeting, Louisville, KY, Sept 5-10, 2008.
17. Woodruff SA, Mukkada V, Capocelli K, Lovell M, Prothroe C, Lee JJ. Furuta GT. EoE lamina propria contains increased fibrosis; Keystone Fibrosis Symposia, Keystone CO, January 23, 2009.
18. Mukkada V, Haas A, Creskoff N, Fleischer D, Capocelli K, Lovell M, Furuta GT, Atkins D. Feeding dysfunction in children with Eosinophilic Esophagitis (EoE). DDW, Chicago IL. May 30-June 4, 2009.
19. Lee CK, Wei Q, Lovell M, Swisshelm K, Ryder J, Myint H, Kolhouse JF, Robinson W; Unremitting Presence of Marrow Immunoglobulin Heavy Chain Gene Rearrangement (IGH-GR) 3 Months Following Autotransplant Is Associated with Poor Outcome in Disease Control in Patients with Multiple Myeloma (MM). *Blood* 2009; 114 (22): 1807. American Society of Hematology Annual Meeting, November 11, 2009, doi: <https://doi.org/10.1182/blood.V114.22.1807.1807> #,§
20. Liang C, Chan K, Yoon P, Lovell M. Primary Mastoid Manifestation of Acute Megakaryoblastic Leukemia (M7): Case Report and Comparison of Extramedullary M7 and Non-M7 Cases in the Literature. 2011 Society for Pediatric Pathology Fall Meeting, Milwaukee, WI, September 30, 2011 #
21. Wei Q, Lovell MA, Garrington T, Tong S. Genetic polymorphisms and the treatment outcome in standard-risk pediatric acute lymphoblastic leukemia. 17th Annual Meeting, Association for Molecular Pathology, Grapevine, TX, November 18, 2011, J Molec Diag 13(6):727, H09. #,§
22. Russo P, Kim G, White F, Bove K, Finegold M, Aners R, Mlin-Aldana H, Lovell M, Magid M, Jaffe R, Cumkmings O, Finn L, Wang L, Shehata B, Sokol RJ, Magee JC. Key histopathologic features on initial liver biopsy correlate with biliary atresia and outcome post Kasai. Interim Meeting Society for Pediatric Pathology, Mar 18, 2012, Mod Pathol 25(2):325, #18 §
23. Nakano T, Lovell M, Slansky J. Utilizing the T-cell receptor repertoire of tumor infiltrating lymphocytes to demonstrate clonal immune responses against pediatric solid tumors. 25th Annual Meeting, Am Soc Pediatr Hematol/Oncol, New Orleans, LA, May 9-12, 2012, Pediatr Blood Cancer 58(7) 1081-2 (2012) #,§
24. Zhelnin KE, Galambos C, Lovell MA. Intraocular immature teratoma following fetal surgery for sacrococcygeal immature teratoma. Fall Meeting, Society for Pediatric Pathology, September 26, 2013, Pediatr Develop Pathol 16:460, #25. #,§
25. Hauser LH, Chiang T, Ramakrishnan VR, Lovell MA, Kelley PE. Yolk Sac Tumor: A Novel Parapharyngeal Mass. SENTAC Annual Meeting. Long Beach, CA. December 5-8, 2013, #16. #
26. Wei Q, Yuan J, Miltgen N, Barakat D, Lovell M. A cautionary tale: A 1 bp deletion polymorphism in the poly-T region of intron 11 of NPM1 could affect mutation assay interpretation. Association for Molecular Pathology Annual Meeting. National Harbor, MD, J Molec Diagn 16(6):718-9 (2014). #,§
27. Wei Q, Miltgen N, Yuan J, Lovell MA. Molecular assessment of acute myeloid leukemia using NGS in a clinical setting. Association for Molecular Pathology Annual Meeting, Austin, TX. J Molec Diagn 17(6):776 (2015). #,§
28. Wei Q, Miltgen N, Lovell MA. Improving NGS library coverage uniformity using single molecule droplet PCR for the molecular assessment of acute myeloid leukemia. Association for Molecular Pathology Annual Meeting, Charlotte, NC, J Molec Diagn 18(6):954 (2016) #,§
29. Deeney S, Stewart C, Treece A, Lovell M, Garrington T, Karrer F, Bruny J. Diagnostic ability of core need biopsy versus open wedge biopsy for pediatric intra-abdominal solid tumors: results of a prospective clinical study. Pacific Association of Pediatric Surgeons, 50th Annual Conference, Seattle, WA. \*, §
30. Liang X, Lummus S, Capocelli K, Black J, Lovell M, Galambos C, Mierau G, Wartchow E. INI1-Deficient Thymic Carcinoma in Young Children: A New Member of Rhabdoid Tumor Family. Society for Pediatric Pathology, Fall Meeting 2017, Denver, CO. \*, #
31. Olson D, Galambos C, Lovell M. Rhabdomyosarcomas Associated with Ovarian Sertoli-Leydig Cell Tumors Express SALL4. Society for Pediatric Pathology, Fall Meeting 2017, Denver, CO. \*, #
32. Olson D, Lovell M, Liang X, Picarsic J, Swisshelm K, Galambos C. Clonal Link between Acute Myelomonocytic Leukemia and a Low-Grade Histiocytic Cerebral Mass. Society for Pediatric Pathology, Fall Meeting 2017, Denver, CO. \*, #
33. Olson D, Wei Q, Lovell M, Treece A. Hematopoietic tumor contamination in human fingernail clippings used as a germline comparator in an NGS-based myeloid panel. Association for Molecular Pathology, Annual Meeting, 2017, Salt Lake City, UT. #, §
34. Smith T, Larabell S, Lovell MA. Laboratory Stewardship: A multi-faceted approach to improve the value of reference laboratory testing: PLUGS Conference, June 14, 2018, Seattle, WA. #
35. Kemme S, Brigham D, Feldman A, Stahl M, Nakano T, Lovell M, Mack C. Immunosuppressive therapy and outcomes of severe seronegative immune-mediated hepatitis and aplastic anemia. A case series. North American Society for Pediatric Gastroenterology, Hepatology, and Nutrition, Annual Meeting, October 17, 2019, Chicago, IL. #, §
36. Willard NS, Niemiec SM, Lovell MA, Merrick DT, Lazar DA, Liechty KW, Galambos C. Next generation sequencing reveals hotspot mutation in KRAS indicating a congenital mucinous adenocarcinoma arising in CPAM-1. Society for Pediatric Pathology-Paediatric Pathology Society Joint Fall Meeting, October 2019, Pittsburg, PA. #
37. Willard N, Haag M, Zheng R, Lovell M. Elevated BCR-ABL1 IS in Ph(+) ALL: Laboratory error or biological phenomenon? Association for Molecular Pathology, Annual Meeting, November 2019, Baltimore, MD. #, §
38. Reingold S, Cordell J, Lovell M, Brigham D. Cough, Cough: A Rare Case of Co-Existing Granulomatosis with Polyangiitis and Autoimmune Hepatitis in a Pediatric Patient American Academy of Pediatrics-Virtual National Conference, Oct 2-5, 2020 #, § [Top Abstract for Case Submission in Section of Med-Peds]
39. Kroll-Wheeler L, Siegele B, Wartchow E, Clay M, Bao l, Lovell M*. RREB1::MRTFB* fusion+ oropharyngeal mesenchymal neoplasm with neuroendocrine and rhabdomyoblastic phenotype. Society for Pediatric Pathology 2022 Fall Meeting, Rochester, NY, October 7-9, 2022.