

Mary Min-chin Lee, M.D

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Education

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| MD, SUNY-Buffalo School of Medicine, Buffalo, NY | 1979-1983 |
| AB, Harvard College, East Asian Languages and Civilizations (Magna cum laude) Cambridge, MA | 1975-1979 |

Postgraduate Training

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| Research fellow, Pediatric Surgery Developmental Biology Laboratories Massachusetts General Hospital, Boston, MA | 1989-1992 |
| Fellow, Pediatric Endocrine and Metabolism, Children's Hospital of Philadelphia University of Pennsylvania Medical School, Philadelphia, PA | 1986-1989 |
| Intern and Resident in Pediatrics, Children's Hospital of Buffalo SUNY-Buffalo School of Medicine, Buffalo, NY | 1983-1986 |

Other Educational & Development Programs

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| Teachers of Tomorrow Program | Nov 2012, Mar 2013 |
| AMSPDC Program for New Chairs Atlanta, Georgia | Mar 2013 |
| AAMC Leadership Program for Associate Deans and Department Chairs Babson Executive Conference Center, Wellesley, MA | Sept 2012 |
| AAMC Executive Development Seminar for Interim and Aspiring Leaders AAMC, Washington, DC | May 2012 |
| Fellow, AMSPDC Pediatric Leadership Development Program (one year pediatric department chair development program) | 2012-2013 |
| Crucial Confrontations in Medical Practice Management University of Massachusetts Medical School, Worcester, MA | Feb 2011 |
| Leadership Strategies for Evolving Health Care Executives Center for Continuing Professional Education, Harvard School of Public Health Brookline, MA | Nov 2009 |

AAMC Mid-Career Women's Faculty Development Seminar
Lansdowne, VA

July 2005

Appointments

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|---|----------------|
| Chair, Department of Pediatrics University of Massachusetts Medical School, Worcester, MA | 2013-present |
| Physician-in-Chief, UMass Memorial Children's Medical Center UMass Memorial Health Care Center, Worcester, MA | 2013-present |
| Interim Chair, Department of Pediatrics University of Massachusetts Medical School, Worcester, MA | 2012-Sept 2013 |
| Interim Physician-in-Chief, UMass Memorial Children's Medical Center UMass Memorial Health Care Center, Worcester, MA | 2012-Sept 2013 |
| Co-Director of Clinical and Translational Research, Diabetes Center of Excellence UMassMemorial Health Care /UMass Medical School, Worcester, MA | 2011-present |
| Vice-Chair of Academic Affairs, Department of Pediatrics University of Massachusetts Medical School Worcester, MA | 2009-Sept 2013 |
| Chief, Pediatric Endocrine Division, Department of Pediatrics UMass Memorial Health Care/UMass Medical School, Worcester, MA | 2004- present |
| Professor of Pediatrics & Cell Biology, (Tenured, 2004) University of Massachusetts Medical School, Worcester, MA | 2004-Sept 2013 |
| Associate Professor of Pediatrics (Tenure, 2003) Duke University Medical School, Durham, NC | 2000-2004 |
| Assistant Professor of Pediatrics Harvard Medical School, Brookline, MA | 1993-2000 |
| Assistant Pediatrician Massachusetts General Hospital, Boston, MA | 1993-2000 |
| Instructor in Pediatrics, Harvard Medical School, Brookline, MA | 1990-1993 |
| Assistant in Pediatrics Massachusetts General Hospital, Boston, MA | 1990-1993 |
| Instructor of Pediatrics University of Pennsylvania School of Medicine, Philadelphia, PA | 1986-1989 |

Other positions and employment

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| Medical Director, Barton Center for Diabetes Education, N. Oxford, MA | 2012-present 2005-2009 |
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Medical Director, Endocrine and Diabetes Teen Clinic 1998-2000
Saints Memorial Hospital, Lowell, MA

Certification

Maintenance of Certification, Pediatric Endocrinology (active), 2010-present
American Board of Pediatrics, Subboard in Pediatric Endocrinology
Re-certification, Diplomate in Pediatric Endocrinology 2013, 2003, 1997
American Board of Pediatrics, Sub-Board in Pediatric Endocrinology
Diplomate in Pediatric Endocrinology 1989-1997
American Board of Pediatrics Sub-Board in Pediatric Endocrinology
Diplomate in Pediatrics, American Board of Pediatrics (lifetime) 1987
Diplomate, National Board of Medical Examiners 1983

Licensure

North Carolina Medical License (inactive) 2000-2004
Maine temporary medical license (expired) 1997-1998
Massachusetts Medical License (active) 1989-present
Pennsylvania Medical License (inactive) 1986-1990

Honors and Awards

External Scientific Advisory Board 2010-2014
Breast Cancer & the Environment Research Programs
Multi-center research consortium funded by NIEHS and NCI
National Advisory Scientific Council 2010-2014
National Institute of Environmental Health Sciences
Research Triangle Park, NC
Best Doctors of America 2005-2014
American Pediatric Society (member) 2006-present
SubBoard of Pediatric Endocrinology, American Board of Pediatrics (member) 2005-2011
Society for Pediatric Research (member) 1998-present

Professional Memberships and Activities

US News & World Report, America's Best Hospitals 2007-2008
Pediatric Endocrine Working Group
Pediatric Academic Societies 2006-present
Program Committee (2010-2013)
Pediatric Academic Societies/Society for Pediatric Research Annual Meeting
Chair, Ross Clark Annual Highlights Symposium (2011)
Chair, Obesity Abstract review panel (2010-2013)
Co-chair, Basic Science Platform presentations (2009-2010)
Chair, Pediatric Endocrine Abstracts Review Panel (2008-2010)
Chair, Pediatric Endocrine Awardee Symposium (2007)
Co-Chair, Plenary symposium on Endocrine Disruptors (2006)
Moderator, Subspecialty Poster Symposium (1999)
The Triangle Reproductive Biology Consortium 2000-2004
North Carolina Pediatric Society 2000-2004
The American Society of Andrology 1999-present

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| Constitution and By-Laws Committee (2011-2014) | |
| Nominating Committee (2008-2011, 2001-2003) | |
| Andrology Examination Committee (2006-2011) | |
| Ethics Committee (2006-2008) | |
| Program Committee (2005-2007) | |
| Executive Council (2003-2006) | |
| Testis Workshop Program Committee (2001-2003) | |
| Women in Andrology (2000-present) | |
| Chair (2006-2007) | |
| Co-Chair (2005-2006) | |
| The Society for Pediatric Research | 1998-present |
| Program Committee representative (2010-2013) | |
| The American Diabetes Association | 1994-1996 |
| The Endocrine Society | 1992-present |
| Pediatric Endocrine Society (aka Lawson Wilkins Pediatric Endocrine Society) | 1991-present |
| Disorders of Sex Development Advisory Board (2007-2010) | |
| LWPES-ESPE GnRH consensus workshop (2007) | |
| Program Committee (2005-2010; Chair, 2009-2010) | |
| Ad-hoc member (2010-present) | |
| Membership Committee (1997-2000; Chair, 1999-2000) | |
| Drug and Therapeutics Committee (1993-1996) | |

Editorial Responsibilities

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| Spermatogenesis (Editorial Board) | 2010-2013 |
| J Andrology (Editorial Board) | 2008-present |
| J Cellular Physiology (Associate Editor) | 2006-present |
| Endocrinology (Editorial Board) | 2005-2008 |
| Manuscript reviewer: | 1990-present |
| <i>New England J Medicine; J Clinical Endocrinology & Metabolism; J Pediatrics;</i> | |
| <i>British Medical J; Endocrine Reviews; Endocrinology; Biology of Reproduction;</i> | |
| <i>J Andrology; Pediatrics; Molecular & Cellular Endocrinology; Pediatrics;</i> | |
| <i>J Cellular Physiology; Reproduction; Environmental Health Perspectives;</i> | |
| <i>J Pediatric Endocrinology; Spermatogenesis; JAMA</i> | |

Educational Activities

Teaching Activities

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| <i>University of Massachusetts Medical School</i> | 2004-present |
| Lecturer, Medical physiology (125 students) | 2010 |
| Lecturer, Ped residents & adult endo fellows clinical conferences | 2004-present |
| Lecturer, Medical students on pediatric rotations | 2004-present |
| Clinical supervision & bedside teaching of students and residents | 2004-present |
| <i>Duke University Medical Center</i> | 2000-2004 |
| Mentor for first and third year medical students | |
| Supervisor, Third year medical student ambulatory continuity program | |
| Pediatric resident lecture series, Katz teaching rounds, and research conferences | |
| Pediatric endocrine fellowship: supervision of educational activities and training | |

Massachusetts General Hospital/Harvard Medical School 1990-2000
 Grand rounds, resident & medical student conferences and didactic lectures
 First year students' pediatric physical diagnosis (Introduction to Clinical Medicine)
 General Pediatric ward attending, teaching rounds
 Pediatric endocrine fellowship: supervision of educational activities and training

Advising and Supervision

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| Thuy Lam, ScD in Environmental Health (PhD research committee member "Dioxin and PCB effects on Pubertal Progression and Sexual Maturity," Harvard School of Public Health, Brookline, MA | 2012-present |
| Abigail Fleisch, MD, Ped Endocrine fellow & MPH student (MPH research advisor) "Serum IGF-1 in boys with lead associated growth failure" Harvard School of Public Health; Brookline MA | 2011-2012 |
| Shwetha Adhikari, M.B.B.S. (research mentor) Department of Pediatrics, UMass Medical School, Worcester, MA | 2009-2010 |
| Olivier Humblet, ScD in Environ Health/Epidemiology (PhD research advisor) "Dioxins, PCBs and Pubertal Development among Russian Boys: Lifestage and Genetic Susceptibility," Harvard School of Public Health, Brookline, MA | 2005-2010 |
| Olga Hardy, MD, Masters of Clinical Investigation (Chair, MCI thesis committee) "Differential gene expression in metabolically healthy and unhealthy fat" UMass Medical School, Worcester, MA | 2008-2010 |
| Xiufeng Wu, MD, PhD, MPH (MPH thesis committee and research mentor) "Environmental exposures and perinatal complications" UMass Medical School, Worcester, MA | 2002-present |
| Jane Burns, ScD, Harvard School of Public Health, (postdoc research mentor) "Organochlorines and Pesticide exposure, Nutrition, and Growth" Harvard School of Public Health, Brookline, MA | 2007-present |
| Benjamin Nwosu, MD (faculty research mentor) "Weight gain and vitamin D in youth on atypical antipsychotics" Department of Pediatrics, UMass Medical School, Worcester, MA | 2006-present |
| Sofia Alhassan, PhD (faculty mentor on K award) "African dance in Mother/daughter dyads, weight gain, and metabolic health" Department of Kinesthesiology, UMass Amherst, Amherst, MA | 2010-present |
| Ashley Ferullo (medical student advisor) UMass Medical School, Worcester, MA | 2006-2010 |
| Xinna Chen, MD, (postdoctoral fellowship research mentor) "Perinatal Leydig cell development in mouse model of androgen insensitivity" Department of Pediatrics, UMass Medical School, Worcester, MA | 2008-2009 |
| Kelby Maher (resident advisor) Department of Pediatrics, UMass Medical School, Worcester, MA | 2005-2008 |
| Ramamani Arumugam, Ph.D (postdoctoral research mentor) "MIS signaling in Leydig cells" Department of Pediatrics, Duke University Medical Center, Durham, NC | 2000-2003 |
| Madhusmita Misra, M.D. (pediatric endocrine fellow, clinical research mentor) "Validation of MIS measurement in disorders of gonadal development" Pediatric Endocrine, Massachusetts General Hospital, Boston, MA | 1999-2002 |
| Vijay Sriraman, PhD. (PhD project research mentor) "In vivo effects of MIS on androgen biosynthesis" Visiting student from Rockefeller University, NY, NY | 1999-2002 |

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| ChingChing Seah, M.S. (research mentor and MS thesis advisor) | 1998-1999 |
| “MIS receptor expression and function in Leydig cells” | |
| Pediatric Endocrine Division, Massachusetts General Hospital, Boston, MA | |
| Andrew Lane, M.D. (pediatric endocrine fellow, clinical research mentor) | 1996-1999 |
| “MIS in children with disorders of sex development” | |
| Pediatric Endocrine Division, Massachusetts General Hospital, Boston, MA | |
| Alexander Trbovich, M.D., Ph.D. (research fellow, research mentor) | 1992-1994 |
| “Identification of the MIS type 2 receptor” | |
| Pediatric Endocrine Division, Massachusetts General Hospital, Boston, MA | |
| Michael Gustafson, M.D., MBA (research fellow, research mentor) | 1990-1993 |
| “MIS as a tumor marker in women with granulosa and theca cell tumors” | |
| Pediatric Surgery, Massachusetts General Hospital, Boston, MA | |

Grants and Contracts

Current:

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| BU/Helmsley Trust (Site PI; Co-investigator, 5% effort) | 5/2013 – 12/2013 |
| <i>Testing a bihormonal bionic pancreas in an outpatient study in children with type 1 diabetes at the Clara Barton/Joslin Camps</i> | |
| \$37,950 | |
| The goal of this project is to test the ability of a portable bihormonal bionic pancreas to provide BG control in youth with type 1 diabetes in the setting of a summer diabetes camp outpatient study | |
| (PI: Ed Damiano) | |
| NIDDK R01 DK097657 (Co-investigator, 8% effort) | 2013-2015 |
| <i>Translational studies of a bionic pancreas for out-patient diabetes management</i> | |
| Total costs UMass \$176,419 (TDC \$107, 245; IDC \$69,174) | |
| Cross-over study on the efficacy of a closed loop glucagon/insulin dual pump for management of children and adolescents with T1D in a camp setting | |
| (PI, E Damiano and S Russell, Boston University) | |
| Gerber Foundation (Co-investigator, 3% effort) | 2013-2015 |
| <i>Longitudinal prospective study of thyroid function in the first year of life in infants with Down syndrome.</i> | |
| Prospective study to re-examine the current guidelines for screening of asymptomatic thyroid disorders in infants with Down syndrome (PI, P Feldman) | |
| NIEHS ES014370-06 (Co-investigator, 10% effort) R01 | 2011-2015 |
| <i>Dioxins, Male Pubertal Growth, and Development</i> | |
| Total costs \$176,419 (TDC \$107, 245; IDC \$69,174) | |
| Prospective epidemiologic study on effect of organochlorines and heavy metals on growth and puberty in a cohort of Russian boys (PI, R Hauser, Harvard U) | |
| NovoNordisk Research Foundation (co-investigator) | 2011-2013 |
| <i>Glycemic control in children and adolescents with double diabetes: trial of optimized insulin-metformin regimen</i> | |
| Total costs \$154,038 (DC \$122,923; IDC \$31,115) | |
| Placebo controlled study assessing the addition of glucophage therapy in insulin resistant youth with T1D autoantibodies (PI, B Nwosu) | |

Jaeb Center for Health Research [Helmsley Trust] (Co-investigator) 2011-ongoing
T1D Exchange Clinic Registry
TDC dependant on patient enrollment
Registry of patients with Type 1 diabetes mellitus (PI, D Harlan)

NIH NR011317 (Co-investigator, 5% effort) 2010-2014
Human Patient Simulation: Parent Teaching Enhancement
Total costs \$1,900,049 (TDC \$1,200,834; IDC \$699,215)
Intervention study testing use of a patient simulator to enhance diabetes education for parents of children with new-onset T1D (PI, S Sullivan-Bolyai)

NIAID: Immune Tolerance Network (Site PI) 2010-on-going
Alpha-1 antitrypsin therapy for Type 1 DM beta cell preservation
Total costs \$236,276 (TDC \$189,021; IDC \$47,255)
Double-blinded, placebo controlled clinical study to examine the efficacy of Alpha-1 antitrypsin therapy for preservation of beta-cell function in youth with recently diagnosed T1DM.

NIDDK (minor affiliate, site PI) 2006-ongoing
TrialNet Natural History Study of the Development of Type 1 Diabetes
TDC dependent on patient enrollment

Completed:

Bristol-Meyers Squibb (PI, Lee) 4/2012–ongoing
Protocol CV181058 A Multicenter, Randomized, Double-blind, Placebo-controlled Study to Evaluate the Efficacy, Safety, Tolerability, and Pharmacokinetics of Saxagliptin (BMS-477118) as Monotherapy in Pediatric Patients with Type 2 Diabetes
Total Costs: \$12,000 per subject

Bristol-Meyers Squibb (PI, Lee) 4/2012 –on-going
Protocol CV181147 A Multicenter, Randomized, Double-blind, Placebo-controlled Study to Evaluate the Efficacy and Safety of Saxagliptin (BMS-477118) in Combination with Metformin IR or Metformin XR in Pediatric Patients with Type 2 Diabetes who have Inadequate Glycemic Control on Metformin Alone
Total Costs: \$14,000 per subject

NICHD (PI) R01 2006-2012
MIS Regulation of Leydig Cell Development
Total costs \$1,464,459.00 (TDC \$901,205; IDC \$563,254)
Investigate MIS signaling and its role in the differentiation and proliferation of Leydig cells.

Toleryx (Site Pediatric PI): 2009-2012
Defend-1: Durable-Response Therapy Evaluation for Early or New Onset T1 DM, Phase 3 trial of oteelixumab in newly dx children and adolescents with T1DM.
\$25,937 per subject
Double blind placebo control clinical trial to assess oteelixumab for preservation of beta-cell function in youth with recently diagnosed T1DM (Site PI, J Mordes).

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| Toleryx (Site Pediatric PI) <i>TTEDD TRX-4: Therapeutic Evaluation of Different Multi-dose Regimens in Type 1 DM Phase 2 study of dosing regimens for otelixizumab.</i> \$45,303 per subject Phase 2 dosing study for otelixumab for preservation of beta-cell function in youth with recently diagnosed T1DM (Site PI, J Mordes) | 2010-2012 |
| Katz Foundation (Co-investigator, 5% effort) <i>Hormonal influences on neuromaturation in girls with Bipolar Illness</i> | 2009-2011 |
| DIAMYD (Co-investigator, as needed) <i>A Phase III, 3- Arm, Randomized, Placebo-controlled, Multi-center Study, to Investigate the Impact of Diamyd on the Progression of Diabetes in Patients Newly Diagnosed with Type 1 Diabetes Mellitus (TLK)</i> | 2009-2010 |
| NIEHS (Co-investigator, 7.5% effort) R01 Dioxins and Male Pubertal Development <i>Prospective epidemiologic study on effect of organochlorines and heavy metals on growth and puberty in a cohort of Russian boys</i> | 2006-2011 |
| Toleryx (Site Pediatric PI) (Study closed due to poor efficacy data) <i>Defend-2: Durable-Response Therapy Evaluation for Early or New Onset T1 DM, Phase 3 trial of otelixizumab in newly dx children and adolescents with T1DM.</i> | 2010 |
| NICHD (network member) <i>Psychosexual Differentiation: Biology and Socialization</i> | 2003-2006 |
| Duke Provost Fund (Co-investigator) <i>Gamete preservation in females exposed to gametotoxic therapy</i> | 2003-2005 |
| Trent Foundation (Co-investigator) <i>Gamete preservation in males exposed to gametotoxic therapy</i> | 2002-2003 |
| EPA RO1 (Co-investigator, subcontract through Harvard School of Public Health) <i>Dioxins, Pubertal Development and Testis Function</i> | 2002-2006 |
| NICHD-K02 award (PI) <i>Developmental Control of Leydig Cells by MIS</i> | 2000-2005 |
| NICHD-R29 (PI) <i>Developmental Control of Leydig and Sertoli Cells by MIS</i> | 1998-2004 |
| NIEHS-Center Grant Pilot Project (Co-investigator) <i>Dioxins and Male Sexual Development</i> | 1998-1999 |
| Charles H. Hood Foundation (PI) <i>Regulation of Leydig Cells by MIS</i> | 1997-1998 |
| Eli Lilly and Company (co-investigator) <i>Lispro Insulin in Prepubertal Children</i> | 1997-1998 |

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| American Cancer Society Pilot Grant (PI) <i>Inhibition of Leydig Cell Hyperplasia by MIS</i> | 1997-1998 |
| NIDDK- Clinical Investigator's Award (PI) <i>Transcriptional Regulation of MIS</i> | 1992-1997 |
| Genentech Foundation for Growth & Development Grant (PI) <i>MIS during Sexual Maturation</i> | 1994-1996 |
| March of Dimes Foundation Basic Research Grant (PI) <i>Developmental Regulation of MIS</i> | 1992-1994 |
| NICHD-Institutional National Research Service Award (PI) <i>Regulation of Mullerian Inhibiting Substance</i> | 1991-1992 |
| SURDNA/GAR Foundation Surgical Research Fellowship (PI) <i>Role of MIS in immune regulation</i> | 1989-1991 |
| NIDDK- Individual National Research Service Award (PI) <i>IGF Regulation of Cellular Kinases</i> | 1988-1989 |
| NIDDK-al National Research Service Award (PI) <i>Mechanism of Action of Somatomedin-c</i> | 1987-1988 |

Publications:

Peer- reviewed publications

1. Lee MM, Welliver RC and LaScolea LJ. Campylobacter meningitis in childhood. *Pediatr Infect Dis* 1985; 4:544-547. [doi:10.1097/00006454-198509000-00021](https://doi.org/10.1097/00006454-198509000-00021)
2. Asplin CM, Faria ACS, Carlsen EC, Vaccaro VA, Barr RE, Iranamesh A, Lee MM, Veldhuis DJ and Evans WS. Alterations in the pulsatile mode of growth hormone release in men and women with insulin-dependent diabetes mellitus. *J Clin Endocrinol Metab* 1989; 69:239-245. [doi:10.1210/jcem-69-2-239](https://doi.org/10.1210/jcem-69-2-239)
3. Lee MM, Rajagopalan L, Berg GJ and Moshang T. Serum adrenal steroid concentrations in premature infants. *J Clin Endocrinol Metab* 1989; 69:1133-1136. [doi:10.1210/jcem-69-6-1133](https://doi.org/10.1210/jcem-69-6-1133)
4. Kuroda T, Lee MM, Haqq CM, Powell DM, Manganaro TF and Donahoe PK. Mullerian inhibiting substance ontogeny and modulation by FSH in rat testes. *Endocrinology* 1990; 127:1825-1832. [doi:10.1210/endo-127-4-1825](https://doi.org/10.1210/endo-127-4-1825)
5. Epstein J, Lee MM, Kelly CE and Donahoe PK. Effect of E. Coli endotoxin on mammalian cell growth and recombinant protein production. *In Vitro Cell Dev Biol* 1990; 26:1121-11 [doi:10.1007/BF02623686](https://doi.org/10.1007/BF02623686)
6. Kuroda T, Lee MM, Hirobe S, Ragin RC, Donahoe PK. Mullerian inhibiting substance production and cleavage is modulated by gonadotropins and steroids. *Endocrinology* 1991; 129:2985-2992. [doi:10.1210/endo-129-6-2985](https://doi.org/10.1210/endo-129-6-2985)
7. Lee MM, Cate R, Donahoe PK and Waneck GL. Developmentally regulated polyadenylation of two discrete mRNAs for Mullerian inhibiting substance. *Endocrinology* 1992; 130:847-853. [doi:10.1210/en.130.2.847](https://doi.org/10.1210/en.130.2.847)

8. Gustafson ML, Lee MM, Scully RE, Moncure AC, Hirakawa T, Goodman A, Muntz HG, Donahoe PK, MacLaughlin DT and Fuller AF. Mullerian inhibiting substance as a marker for ovarian sex-cord tumor. *New Engl J Med* 1992; 326:466-471. [doi:10.1056/NEJM199202133260707](https://doi.org/10.1056/NEJM199202133260707)
9. Haqq C, Lee MM, Tizard R, Wyst M, DeMarinas J, Donahoe PK and Cate RL. Isolation of the rat gene for Mullerian inhibiting substance. *Genomics* 1992; 12:665-669. [doi:10.1016/0888-7543\(92\)90291-Y](https://doi.org/10.1016/0888-7543(92)90291-Y)
10. Hartman ML, Veldhuis JD, Johnson ML, Lee MM, Alberti KGMM, Samojlik E and Thorner MO. Augmented growth hormone (GH) secretory burst frequency and amplitude mediate enhanced GH secretion during a two-day fast in normal men. *J Clin Endocrinol Metab* 1992; 74:757-765. [doi:10.1210/jc.74.4.757](https://doi.org/10.1210/jc.74.4.757)
11. Hirobe S, He WW, Lee MM and Donahoe PK. Mullerian inhibiting substance messenger ribonucleic acid expression in granulosa and Sertoli cells coincides with their mitotic activity. *Endocrinology* 1992; 131:854-862. [doi:10.1210/en.131.2.854](https://doi.org/10.1210/en.131.2.854)
12. Gustafson ML, Lee MM, Asmundson L, MacLaughlin DT and Donahoe PK. Mullerian Inhibiting Substance in the diagnosis and management of intersex and gonadal abnormalities. *J Ped Surg*, 1993; 28:439-444. [doi:10.1016/0022-3468\(93\)90245-G](https://doi.org/10.1016/0022-3468(93)90245-G)
13. Meyers-Wallen VN, Lee MM, Manganaro TF, Kuroda T, MacLaughlin DT and Donahoe PK. Mullerian Inhibiting Substance is present in embryonic testes of dogs with persistent Mullerian duct syndrome. *Biol Reprod*, 1993; 48:1410-1418. [doi:10.1095/biolreprod48.6.1410](https://doi.org/10.1095/biolreprod48.6.1410)
14. Lee MM, Gustafson ML, Wexler M, Donahoe PK, MacLaughlin DT and Keeping HS. Developmental changes in mullerian inhibiting substance in the cynomolgus monkey, *Macaca fascicularis*. *J Clin Endocrinol Metab*, 1994; 78:615-621. [doi:10.1210/jc.78.3.615](https://doi.org/10.1210/jc.78.3.615)
15. New England Congenital Hypothyroidism Collaborative*. Correlation of cognitive test scores and adequacy of treatment in adolescents with congenital hypothyroidism. *J Pediatr* 1994; 124: 383–387 (*member of collaborative). [doi:10.1016/S0022-3476\(94\)70359-0](https://doi.org/10.1016/S0022-3476(94)70359-0)
16. Lee MM, Donahoe PK, Hasegawa T, Silverman B, Crist G, Best S, Noto R, Hasegawa Y and MacLaughlin DT. Mullerian Inhibiting Substance (MIS) in humans: Normal levels from infancy to adulthood. *J Clin Endocrinol Metab*, 1996; 81:571-576. [doi:10.1210/jc.81.2.571](https://doi.org/10.1210/jc.81.2.571)
17. Teixeira J, He WW, Shah, PC, Morikawa N, Lee MM, Catlin EA, Hudson PL, Wing J, MacLaughlin DT and Donahoe PK. Developmental expression of a candidate Mullerian inhibiting substance type II receptor. *Endocrinology*, 1996; 137:160-165. [doi:10.1210/en.137.1.160](https://doi.org/10.1210/en.137.1.160)
18. Lee MM, Donahoe PK, Silverman B, Hasegawa T, Hasegawa Y, Gustafson ML, Chang YC, and MacLaughlin DT. Measurements of serum Mullerian Inhibiting Substance in the evaluation of children with nonpalpable gonads. *New Engl J Med*, 1997; 336: 1480-1486. [doi:10.1056/NEJM199705223362102](https://doi.org/10.1056/NEJM199705223362102)
19. Lane AH, Lee MM, Fuller AF, Kehas D, Donahoe PK, MacLaughlin DT. Diagnostic utility of Mullerian inhibiting substance determination in patients with primary and recurrent granulosa cell tumors. *Gynecol Oncol* 1999; 73:51-55. [doi:10.1006/gyno.1998.5290](https://doi.org/10.1006/gyno.1998.5290)
20. Lee MM, Seah CC, Masiakos P, Sottas C, Preffer F, Donahoe PK, MacLaughlin DT, and Hardy MP. Mullerian inhibiting substance type II receptor expression and function in primary rat Leydig cells. *Endocrinology*, 1999; 140:2819-2827. [doi:10.1210/en.140.6.2819](https://doi.org/10.1210/en.140.6.2819)
21. Sergejev O, Zeilert V, Revich B, Ushakova T, Williams P, Korricks S, Lee MM, Altshul L, Adibi J and Hauser R. Sexual and physical maturation of male adolescents in a dioxin contaminated region: Chapaevsk, Russia. *Organohalogen Compounds*, 2000; 48:211-214.
22. Sriraman V, Niu E, Matias JR, Donahoe PK, MacLaughlin DT, Hardy MP and Lee MM. Mullerian Inhibiting Substance inhibits testosterone synthesis in adult rats. *J Androl*, 2001, 22:750-758. [doi:10.2164/jandrol.110.012815](https://doi.org/10.2164/jandrol.110.012815)
23. Misra M, Levitsky LL, and Lee MM. Transient hyperthyroidism in an adolescent with hydatidiform mole. *J Pediatr*, 2002, 140:362-366. [doi:10.1067/mpd.2002.120514](https://doi.org/10.1067/mpd.2002.120514)

24. Misra M, MacLaughlin DT, Donahoe PK and Lee MM. Measurement of MIS facilitates management of boys with microphallus and cryptorchidism. *J Clin Endocrinol Metab*, 2002, 87:3598-3602. [doi:10.1210/jc.87.8.3598](https://doi.org/10.1210/jc.87.8.3598)
25. Litton J, Rice A, Friedman N, Oden J, Lee MM and Freemark M. Insulin pump therapy in infants and preschool children with type 1 diabetes mellitus. *J Pediatrics*, 2002, 141:490-495. [doi:10.1067/mpd.2002.127500](https://doi.org/10.1067/mpd.2002.127500)
26. Misra M, MacLaughlin DT, Donahoe PK and Lee MM. The role of Mullerian inhibiting substance in the evaluation of phenotypic females with mild degrees of virilization. *J Clin Endocrinol Metab*, 2003, 88:787-797. [doi:10.1210/jc.2002-020889](https://doi.org/10.1210/jc.2002-020889)
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Invited publications or reviews

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6. Lee, MM. Idiopathic short stature, *New Engl J Med*, 2006, 354:2576-2582. doi: [10.1056/NEJMcp060828](https://doi.org/10.1056/NEJMcp060828)
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8. Jacobson-Dickman E and Lee MM. The influence of endocrine disrupting compounds on pubertal timing. *Current Op Endocrinol Diab Obesity*, 2009; 16:25-30. doi:[10.1097/MED.0b013e328320d560](https://doi.org/10.1097/MED.0b013e328320d560)
9. Nwosu BU, Lee MM. Evaluation of Tall and Short Stature in Children. *Pediatrics for Parents* 2010; 25: 22-24. PMID: 18788236
10. Zawatski, W and Lee MM. Male pubertal development: are endocrine disrupting compounds shifting the norms? *J Endocrinol*, 2013, Jul 11;218(2):R1-12. doi: 10.1530/JOE-12-0449.

Editorials, Position and Background Papers

1. Drug and Therapeutics Committee of the Lawson Wilkins Pediatric Endocrine Society. Guidelines for the use of growth hormone in children with short stature. *J Pediatr*, 1995; 127:857-867. doi: [10.1016/S0022-3476\(95\)70019-6](https://doi.org/10.1016/S0022-3476(95)70019-6)
2. Lee, MM. Is LHRHa therapy justified in short adolescents? (Editorial). *New Engl J Med*, 2003; 348: 942-945. doi:[10.1056/NEJMe030003](https://doi.org/10.1056/NEJMe030003)
3. Lee, MM. Reproductive hormones in infant girls: a harbinger of adult reproductive function? (Editorial), *J Clin Endocrinol Metab*, 2003, 88:3513-3514. doi:[10.1210/jc.2003-031038](https://doi.org/10.1210/jc.2003-031038)
4. Lee, MM. Commentary on the *New Engl J Med* article "Treatment with Luteinizing hormone-releasing hormone agonist in adolescents with short stature", *J Pediatr*, 2003. PMID: 12621135
5. Lee, MM. Editorial commentary on "Urinary prostate-specific antigen is a noninvasive indicator of sexual development in male children, *J Androl*, 2007, 28:155-157. doi: [10.2164/jandrol.106.001891](https://doi.org/10.2164/jandrol.106.001891)
6. Carel JC, Eugster EA, Rogol A, Ghizzoni L, Palmert MR (on behalf of the ESPE-LWPES GnRH analogs consensus conference group) Consensus Statement on the Use of GnRH Analogs in Children, *Pediatrics* 2009, 123:e752-e762. doi: [10.1542/peds.2008-1783](https://doi.org/10.1542/peds.2008-1783)
7. Harlan DM and Lee MM. Infant Formula, Autoimmune Triggers, and Type 1 Diabetes Mellitus (Editorial), *New Engl J Med*, 2010, 363: 1961-1963. doi:[10.1056/NEJMe1010654](https://doi.org/10.1056/NEJMe1010654)

Books and Chapters

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2. Donahoe PK and Lee MM. "Ambiguous Genitalia" in Barden W, ed. Current Therapy in Endocrinology and Metabolism, 4th Ed. Philadelphia: B. C. Decker, Inc., 1991; 232-240.
3. Lee MM, Kuroda T and Donahoe PK. "Mullerian Inhibiting Substance" in Desjardins C and Ewing LL, eds. Cell and Molecular Biology of the Testis. New York: Oxford University Press, Inc., 1993; 108-126.
4. Lee MM and Donahoe PK. "The Infant with Ambiguous Genitalia" in Barden W, ed. Current Therapy in Endocrinology and Metabolism, 5th Ed. Philadelphia: B. C. Decker, Inc., 1994; 242-249.
5. Lee MM and Levitsky LL. "Tall Stature" In Burg FD, Ingelfinger JR, Wald ER, and Polin RA, eds. Current Pediatric Therapy, 15th Ed. Philadelphia: W. B. Saunders, 1996; 332-334.
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7. Weinzimer SA, Lee MM, and Moshang TM. "Endocrinology," in Schwartz MW, Curry TA, Sargent AJ, Blum NJ, and Fein JA, eds., Pediatric Primary Care: A Problem-Oriented Approach, 3rd Ed. St. Louis: Mosby-Year Book, Inc., 1997; 529-541.
8. Lane A, Lee MM, and Donahoe PK. "Anatomic Abnormalities of the Female Reproductive Tract," in Burg FD, Ingelfinger JR, Wald ER, and Polin RA, eds. Current Pediatric Therapy, 16th Ed. Philadelphia: W. B. Saunders, 1999; 829-832.
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10. Lee MM. "Genitalia," in Knobil E and Neill J, eds. The Encyclopedia of Reproduction. San Diego: Academic Press, Inc, 1999; 439-444.
11. Teixeira J and Lee MM. "Male Gonadogenesis," in Knobil E and Neill J, eds. The Encyclopedia of Reproduction. San Diego: Academic Press, Inc, 1999; 492-497.
12. Catlin EA and Lee MM. "Neonatal endocrinology," in DeAngelis CD, Feigin RD, McMillan JA, and Warshaw JB, eds. Oski's Pediatrics: Principles and Practice, 3rd ed., Philadelphia: Lippincott Williams & Wilkins, 1999; 345-356.
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14. Misra M and Lee MM. "Gonadal disorders," in Burg FD, Ingelfinger JR, Gershon A, and Polin RA, eds. Current Pediatric Therapy, 17th Ed. Philadelphia: W. B. Saunders, 2002; 698-704.
15. Lee MM and Levitsky LL. "Adrenal disorders," In Burg FD, Ingelfinger JR, Gershon A, and Polin RA, eds. Current Pediatric Therapy, 17th Ed. Philadelphia: W. B. Saunders, 2002; 693-698.
16. Lee MM. "Molecular Genetic Control of Sex Differentiation," in Eugster EA and Pescovitz OH, eds. Pediatric Endocrinology: Mechanisms, Manifestations and Management. Philadelphia: Lippincott, Williams and Wilkins, 2004, 231-242.
17. Misra M and Lee MM. "Delayed puberty," in Moshang T., ed. Requisites in Pediatric Endocrinology. Philadelphia: W. B. Saunders, 2005; 87-101.
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21. Lee MM and Levitsky LL. "Adrenal Disorders," in Burg FD, Ingelfinger JR, Polin RA, and Gershon A, eds. Current Pediatric Therapy, 18th Ed. Philadelphia: Saunders Elsevier, 2006, 972-980.

22. Lee MM. "Testicular development and descent" in Polin RA, Abman S, and Fox W, eds. Fetal and Neonatal Physiology, 4th Ed. Philadelphia: Elsevier Saunders, 2011, 2031-2038.
23. Wu XF, Zhang NN, and Lee MM. "The influence of endocrine disrupting compounds on male pubertal development," Diamanti-Kandarakis E and Gore A (eds), Endocrine Disruptors and Puberty, New York: Springer, 2011, 339-356.
24. Lee MM. "Endocrine disruptors and puberty," in Preedy VR, ed. The Handbook of Growth and Growth Monitoring in Health and Disease, New York: Springer, 2012, 2773-2787.
25. Feldman P and Lee MM. "Endocrine Disorders of the Newborn" In MacDonald MG and Seshia MMK eds. Avery's Neonatology: Pathophysiology and Management of the Newborn, 7th Edition. Philadelphia: Lippincott Williams & Wilkins, 2014, pp pending.

Presentations and Abstracts

Invited Talks at National or International Meetings:

- 10/2013 *Endocrine Disruptors: What are the Effects in the Home - What Pediatricians Should look For*, AAP National Conference and Exhibition, Orlando, FL (Symposium)
- 10/2013 *Endocrine Disruptors: Longitudinal Cohort Studies in Highly Exposed Boys*. AAP National Conference and Exhibition, Orlando, FL (Plenary session)
- 4/2012 *Endocrine disruptors*, Pediatric Endocrine Society: Update in Pediatric Endocrinology, Boston, MA.
- 5/2012 *EDCs and reproductive health*, Pediatric Academic Societies 2012 Annual Meeting, Boston, MA.
- 9/2010 *Chapaevsk Boys Study: Effect of Dioxins on Growth and Puberty*, 100th Anniversary Celebration of the Chapaevsk Medical Association, Chapaevsk, Russia
- 5/2010 *Effects of endocrine disruptors on reproductive development*, Pediatric Academic Societies 2010 Annual Meeting, Vancouver, CA
- 4/2010 *Normal and abnormal pubertal development*, American Society of Andrology 35th Annual Meeting, Houston, TX
- 5/2007 *Endocrine Disruptors*, A Current Review of Pediatric Endocrinology, BioSymposia, Toronto, Canada.
- 3/2003 *Clinical and basic Insights on the role of Mullerian inhibiting substance in sexual differentiation and gonadal development*, Women in Andrology Plenary Lecture, American Society of Andrology 29th Annual Meeting, Phoenix, AZ.
- 10/2002 *AMH/MIS for the assessment of testicular status*, First International Workshop on AMH/MIS, Serono Symposium, Aix-en-Provence, France.
- 5/2000 *Mullerian inhibiting substance: Classical applications for a nonclassical hormone*, Pediatric Endocrinology at the Millennium, Serono Symposium, Boston, MA.
- 4/1999 *MIS actions in the developing testis*, XVth North American Testis Workshop: from Stem Cell to Sperm Function, Louisville, Ky.
- 10/1997 *Mullerian inhibiting substance: a new test for the evaluation of gonadal disorders*, Seminars in Pediatric Endocrinology, National University of Athens, Athens, Greece.

Invited Talks:

- 11/2012 *Chapaevsk Boys Study: association of environmental exposures with growth, puberty, and metabolic health*, Endocrine Grand Rounds, University of Indiana School of Medicine, Indianapolis, IN.
- 11/2012 *Endocrine disrupting compounds: the Good, the Bad, and the Ugly*, Pediatric Grand Rounds, Riley Children's Hospital, Indianapolis, IN.

- 3/2012 *Endocrine disruptors, reproductive and metabolic health*, University of Massachusetts Pediatric Grand Rounds, Worcester, MA
- 2/2012 *Environmental endocrine disruptors and the shifting tempo of puberty*, Duke University Medical Center, Durham, NC.
- 10/2011 *Endocrine disrupting compounds, growth, and pubertal development*, Dartmouth Pediatric Endocrine Annual meeting, Manchester, NH.
- 06/2011 *Dioxins and male reproductive health*, University of Massachusetts Pediatric Grand Rounds, Worcester, MA
- 6/2010 *ABCs of Diabetes Management in the Community*, UMassMemorial School Nurses Annual Update Program, Pediatric Diabetes Day, UMassMemorial, Worcester, MA
- 9/2007 *Dioxins and Male Reproductive Development*, Children's Hospital of Philadelphia, Philadelphia, PA
- 12/2009 *Dioxin effects on growth and puberty*, Helen Jones Memorial Lecture, MassGeneral Hospital for Children, Massachusetts General Hospital, Boston, MA
- 5/2007 *Endocrine Disruptors*, Serono Symposium on Pediatric Endocrinology, Montreal, CA
- 5/2006 *Mullerian inhibiting substance: emerging roles in the testis and clinical insights*, Endocrine Grand Rounds, Children's Hospital of Boston, Boston, MA
- 4/2006 *Mullerian inhibiting substance: clinical insights and emerging postnatal roles*, Endocrine Grand Rounds, University of Louisville, KY
- 1/2006 *Puberty: too early, too late?*, Health Alliance Pediatric Grand Rounds, Leominster, MA
- 10/2005 *MIS in Reproductive Disorders: from Bench to Bedside*, Endocrine Grand Rounds, Rhode Island Hospital, Brown University Medical School, Providence, RI
- 5/2005 *Novel roles for MIS/AMH in the postnatal reproductive system*, Patricia K. Donahoe Research Symposium, Massachusetts General Hospital, Boston, MA
- 3/2005 *Disorders of Puberty*, UMass Community Pediatric Updates," Jiminy Peak, MA
- 1/2005 *Congenital Adrenal Hyperplasia: Challenges in Management*, Pediatric Grand Rounds, University of Massachusetts Medical Center, Worcester, MA
- 12/2004 *MIS: a critical modulator of testicular Leydig cells*, Endocrine Grand Rounds, University of Massachusetts Medical Center, Worcester, MA
- 2/2004 *Modulation of Leydig cell differentiation by Mullerian inhibiting substance*, Research Seminar, NIEHS, Research Triangle Park, NC.
- 11/2003 *Clinical and basic insights on Mullerian inhibiting substance*, Endocrine Grand Rounds, Duke University Medical Center, Durham, NC.
- 11/2003 *Evaluation of Intersex Disorders*, Pediatric Conference, University of Massachusetts Medical Center, Worcester, MA
- 11/2003 *Dioxins and male reproductive health*, Pediatric Grand Rounds, MassGeneral Hospital for Children, Boston, MA.
- 10/2003 *Impact of maturational stage on the actions of 2,3,7,8 TCDD in testicular Leydig cells*, Duke Integrated Toxicology Program Seminar Series, Duke University Medical Center, Durham, NC.
- 4/2003 *Hair today, gone tomorrow*, Pediatric Grand Rounds, Duke University Medical Center, Durham, NC.
- 11/2002 *MIS/AMH in the evaluation of gonadal disorders*, 2002 Southern Pediatric Endocrine Society Annual Meeting, Columbia, SC.
- 5/2002 *Mullerian inhibiting substance in clinical medicine: facts and fantasies*, Delaware Valley Pediatric Endocrine Group and Children's Hospital of Philadelphia, Philadelphia, PA
- 2/2002 *The Paracrine Role of MIS in Leydig cell development*, Triangle Consortium for Reproductive Biology Annual Meeting, Research Triangle Park, NC
- 9/2000 *Mullerian inhibiting substance: from bench to bedside*, Joint UNC/Duke Endocrine Conference, Chapel Hill, NC

- 2/2000 *Regulation of Leydig cell maturation by MIS*, Reproductive Endocrine Sciences P30 Lecture Series, Boston, MA
- 11/1999 *Update on Management of the Infant with Genital Ambiguity*, Pediatric Grand Rounds, MassGeneral Hospital for Children, Boston, MA
- 3/1999 *Evaluation of intersex disorders*, Annual New England Pediatric Endocrine Nursing Society Meeting, Boston, NY
- 3/1998 *Developmental Regulation of Leydig cells by Mullerian inhibiting substance*, Endocrinology and Reproductive Biology Seminar Series, Population Council (Rockefeller University), New York, NY
- 2/1998 *Mullerian inhibiting substance regulation of testicular development*, Endocrine Research Conference, Children's Hospital of Philadelphia, Philadelphia, PA
- 2/1997 *Mullerian inhibiting substance: Clinical relevance to Pediatric Endocrinology*, Endocrine Grand Rounds, Children's Hospital of Boston, Boston, MA
- 2/1997 *Precocious Puberty*, East Boston Health Center, East Boston, MA
- 3/1996 *Evaluation and management of intersex disorders*, Pediatric and OB/GYN Joint Grand Rounds, Beth Israel Hospital, New York, NY
- 1/1996 *Basic and clinical studies of Mullerian Inhibiting Substance*, Research seminar, Children's Hospital of Philadelphia, Philadelphia, PA
- 5/1995 *MIS in gonadal physiology*, Endocrine Grand Rounds, Massachusetts General Hospital, Boston, MA
- 11/1993 *Update on Congenital Adrenal Hyperplasia*, Pediatric Grand Rounds, Massachusetts General Hospital, Boston, MA
- 11/1987 *Short stature*, Perspectives on Growth and Obesity in the Adolescent, Delaware Valley Adolescent Medicine Society Symposium, Philadelphia, PA

Abstracts presented at National or International Meetings

1. Lee MM, Ackland F, Dahlem S, Heyman S and Moshang T. Bone densitometry in Congenital adrenal hyperplasia (CAH). PAS/SPR Annual Meeting (Poster), Anaheim, CA, 1987.
2. Furlanetto RW and Lee MM. Receptor mediated endocytosis and lysosomal processing of insulin-like growth factor-I by mitogenically responsive cells. The Endocrine Society, 69th Annual Meeting (Poster), Indianapolis, IN, 1987.
3. Lee MM, Rajagopalan L, Berg G and Moshang T. Adrenal steroid levels in premature infants. PAS/SPR Annual Meeting (Platform Presentation), Washington, D.C., 1988.
4. Lee MM, Cate RL, Donahoe PK and Waneck GL. Developmentally regulated polyadenylation of two discrete mRNAs for Mullerian inhibiting substance. The Gordon Conference in Reproductive Tract Biology (Poster), Wolfeboro, NH, 1990.
5. Gustafson ML, Hudson, P, Lee MM, and Donahoe PK. Clinical applications of MIS serum levels in pediatric surgery. Pediatric Surgical Residents' Conference (Platform presentation), Chicago, IL, 1990.
6. Lee MM, Gustafson ML, Cate RL, Donahoe PK and Waneck GL. Developmentally regulated polyadenylation of two discrete mRNAs for Mullerian inhibiting substance. The Endocrine Society 73rd Annual Meeting (Platform presentation), New Orleans, LA, 1991.
7. Gustafson ML, Lee MM, MacLaughlin DT and Donahoe PK. Clinical applications of Mullerian Inhibiting Substance serum levels in Pediatric Surgery. American Pediatric Surgery Association 23rd Annual Meeting (Platform presentation), Colorado Springs, CO, 1992.
8. Gustafson ML, Lee MM, Wexler M, Donahoe PK, MacLaughlin DT and Keeping HS. Serum Mullerian Inhibiting Substance (MIS) levels during sexual maturation in the cynomolgus monkey, *Macaca fascicularis*. The Endocrine Society 74th Annual Meeting (Poster), San Antonio, TX, 1992.

9. Lee MM, Asmundson L, MacLaughlin DT, Donahoe PK and Boepple PA. Mullerian Inhibiting Substance in Disorders of Human Puberty. The Endocrine Society 74th Annual Meeting (Poster), San Antonio, TX, 1992.
10. Gustafson ML, Lee MM, Wexler M, Donahoe PK, MacLaughlin DT and Keeping HS. Serum Mullerian Inhibiting Substance (MIS) levels during sexual maturation in the cynomolgus monkey, *Macaca fascicularis*. The Gordon Conference in Reproductive Tract Biology (Poster), Plymouth, NH, 1992.
11. Lee MM, Asmundson L, MacLaughlin DT, Donahoe PK and Boepple PA. Mullerian Inhibiting Substance in Disorders of Human Puberty. The Gordon Conference in Reproductive Tract Biology (Poster), Plymouth, NH, 1992.
12. Lee MM, Gustafson ML, Silverman BL, Asmundson L, Donahoe PK and MacLaughlin DT. Mullerian inhibiting substance (MIS) in the evaluation of children with nonpalpable gonads. The Fourth Joint LWPES /ESPE International Meeting (Poster), San Francisco, CA, 1993.
13. Hasegawa T, Hasegawa Y, Koto S, Tsuchiya T, Lee MM, MacLaughlin DT and Donahoe PK. Serum levels of Mullerian inhibiting substance (MIS) in boys. The Japanese Pediatric Endocrine Meeting (Platform Presentation), Tokyo, Japan, 1994.
14. Bonnemann CG, Lee MM and Krishnamoorthy KS. Pallister-Hall syndrome: Further delineation of a mild phenotype. Child Neurology Meetings (Poster), San Francisco, CA, 1994.
15. Teixeira JM, Shah PC, Lee MM, Catlin EA, Morikawa N, MacLaughlin DT, and Donahoe PK. Molecular characterization and expression of the MIS type II receptor. The Endocrine Society 77th annual meeting (Poster) Washington, D.C. 1995.
16. Lee MM, Gustafson ML, Silverman BL, Hasegawa T, Hasegawa Y, Donahoe PK and MacLaughlin DT. Mullerian Inhibiting Substance (MIS) determination in the evaluation of nonpalpable gonads. PAS/SPR Annual Meeting (Platform Presentation), Washington, D.C. 1996.
17. Capriles C, Grinstein G, Boepple PA, Crawford JD, Lee MM, and Levitsky LL. Ambiguous diagnosis: adrenal suppression in congenital adrenal hyperplasia (CAH). PAS/SPR Annual Meeting (Poster), Washington, D.C. 1996.
18. Lee MM, Grinstein G, Capriles C, Boepple PA, Levitsky LL and Liebsch N. Endocrine complications of clivus chordoma in children after surgery and proton beam therapy. The 10th International Congress of Endocrinology (Poster) San Francisco, CA 1996.
19. Lee MM and Virk S. Immature Sertoli cells immortalized by retroviral infection retain expression of Mullerian Inhibiting Substance. The 10th International Congress of Endocrinology (Poster) San Francisco, CA 1996.
20. Lane A, Lee MM, Donahoe PK, MacLaughlin DT. Mullerian inhibiting substance (MIS) levels in children with ovarian tumors. PAS/SPR Annual Meeting (Poster), New Orleans, LA 1998.
21. Lee MM and Hardy MP. Mullerian inhibiting substance (MIS) inhibition of Leydig cell proliferation. The Endocrine Society 80th Annual Meeting (Poster), New Orleans, LA 1998.
22. Capriles C, Soyka L, Levitsky LL, Boepple PA, Lee MM, and Crawford JD. Effects of androgens on bone turnover markers in male puberty. The Endocrine Society 80th Annual Meeting (Poster), New Orleans, LA 1998.
23. Damiani D, Bueno VS, Silva CH, Bisi H, Manna TD, Dichtchekian V, Lee MM, and Setian N. Male dysgenetic pseudohermaphroditism and its controversies. The Endocrine Society 81st Annual Meeting (Poster), San Diego, CA 1999.
24. MM Lee, RD Tien, E Niu, CM Sottas, and MP Hardy. Developmental regulation of Leydig cell androgens by MIS. The American Society of Andrology (Platform presentation), Boston, MA 2000.
25. Sriraman V, Hernandez-Soria A, Niu E, Matias JR, Hardy MP, and Lee MM. Inhibition of testosterone production in adult rat Leydig cells after administration of Mullerian inhibiting substance *in vivo*. The American Society of Andrology (Poster), Boston, MA 2000.
27. Misra M, MacLaughlin DT, Donahoe PK, and Lee MM. The use of MIS to assess testicular function in boys with microphallus or cryptorchidism. PAS/SPR annual meeting (Platform presentation), Boston, MA 2000.

26. Misra M, Lee MM, and Levitsky LL. Hyperthyroidism in an adolescent. The Endocrine Society 82nd Annual Meeting (Poster), Toronto, Canada 2000.
27. Misra M, MacLaughlin DT, Donahoe PK, and Lee MM. The use of Mullerian Inhibiting Substance (MIS) in phenotypic females. LWPES/ESPE 6th International Pediatric Endocrine Meeting (Poster), Montreal, Canada 2001.
28. Oden J, Freemerk MS, Lee MM, Friedman NE and Rice AM. Difficulties in diagnosis of congenital aldosterone deficiency. LWPES/ESPE 6th International Pediatric Endocrine Meeting (Poster), Montreal, Canada 2001.
29. Litton J, Rice A, Friedman N, Oden J, Lee M, and Freemerk M. Insulin pump therapy in infants and preschool children with type 1 diabetes. SPR/PAS annual meeting (Platform presentation), Baltimore, MD 2002.
30. Arumugam R, Wu X, and Lee MM. 2,3,7,8-tetrachlorodibenzo-p-dioxin has differential effects on testosterone production in primary Leydig cells at three developmental stages. The Endocrine Society 80th Annual Meeting (Poster), San Francisco, CA 2002.
31. Sergeev O, Revich B, Williams P, Korrick S, Zeilert V, Lee MM, Ushakova T, Saharov I, Altshul L and Hauser R. A case-cohort study of cryptorchidism, hypospadias and delayed sexual maturation in a dioxin contaminated region: Chapaevsk, Russia. 22nd International Symposium on Halogenated Environmental Organic Pollutants and POPs – DIOXIN 2002 (Poster), Barcelona, Spain 2002.
32. Arumugam R, Wu X and Lee MM. 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) regulates steroidogenesis. XVII North American Testis Workshop (Poster), Phoenix, AZ, 2003.
33. Wu X, Arumugam R, Lee MM. Leydig cell number and function in mice with targeted deletions of Mullerian Inhibiting Substance (MIS or AMH), XVII North American Testis Workshop (Poster), Phoenix, AZ, 2003.
34. Haqq AM, Morel Y, Artman MS and Lee MM. 3 beta HSD deficiency in a newborn girl with minimal virilization and gonadal failure. The Endocrine Society 86th Annual Meeting (Poster), New Orleans, LA. 2004.
35. Hauser R, Williams P, Altshul L, Korrick S, Peeples L, Patterson D, Turner WE, Lee MM, Revich B, Zeilert V, and Sergeev O. Characterization and predictors of serum dioxin levels among adolescent boys in Chapaevsk, Russia. Dioxin 2004 (Poster), Germany, 2004.
36. Dedekian MA, Park-Bennett S, Lee MM. Rapid Virilization After Indirect Exposure to Testosterone Cream. PAS/SPR Annual Meeting (Poster), San Francisco, CA 2006.
37. Wu, Xiufeng and Lee MM. The Developmental Pattern of Murine Leydig Cells. The Endocrine Society 88th Annual Meeting (Poster), Boston, MA, 2006.
38. Burns, J, Williams P, Sergeev O, Gitin E, Denisova T, Korrick S, Lee M, Revich B, Altshul L, Patterson D, and Hauser R. Local Dietary Contributions to Serum Dioxins, Furans, and Polychlorinated Biphenyls in Peri-Pubertal Russian Boys, International Society of Environmental Epidemiology/International Society of Exposure Analysis (ISEE/ISEA) International Conference (Poster), Paris, France, 2006.
39. Mayfield R, Maher K, Minehart-Miron P, Remis D, Lee MM, and Hay BN. Clinical and Molecular Cytogenetic Characterization of a Patient with Partial 9p Deletion and Trisomy 1q Syndromes, NMPRA National Conference, Atlanta, Georgia, 2006
40. Hauser R, Sergeev O, Korrick S, Lee MM, Revich B, Gitin E, Zeilert V, and Williams P. Blood Lead Levels and Onset of Puberty in Russian Boys, Chapaevsk, Samara Region, 4th International Conference on Children's Health and the Environment (Poster), Vienna, June 2007.
41. Wu XF, Wan S and Lee MM. TCDD inhibits the proliferation of Leydig cells mediated by dose dependent androgen induced androgen receptor, The Endocrine Society 89th Annual Meeting (Poster), Toronto, CA 2007
42. Nwosu BU, Soyka LA, Angelescu A, and Lee MM. IGFBP-3 Stimulation Test: Proof of IGFBP-3 Proteolysis during Growth Hormone Stimulation Testing, The Endocrine Society 89th Annual Meeting (Poster), Toronto, CA, 2007

43. Burns J, Williams P, Sergeyev O, Gitin E, Lee MM, Korrick S, Revich B and Hauser R. Blood Lead Levels and Reported Mood Symptoms Among Russian Boys. The 19th Annual International Society for Environmental Epidemiology Conference (Poster), Mexico City, Mexico, 2007.
44. Burns JS, Williams PL, Sergeyev O, Korrick S, Lee MM, Revich B, Altshul L, Turner WE, Patterson DG, Saharov I, Hauser. Predictors of serum dioxins, furans, and polychlorinated biphenyls in peri-pubertal Russians boys, Future Research on Endocrine Disruption conference (Poster), NIEHS, Research Triangle Park, NC 2007.
45. Wu XF, Wan S and Lee MM , TCDD Blocks Proliferation of Leydig Cells via Direct Receptor Interactions, Future Research on Endocrine Disruption conference (Poster), NIEHS, Research Triangle Park, NC, 2007.
46. Pujar S, Wu XF, Wan S, Lee MM and Meyers-Wallen VN. A single base transition is the likely cause of persistent Mullerian duct syndrome (PMDS) in a canine model. 4th International conference: Advances in canine and feline genomics and inherited diseases (Poster), St. Malo, France, 2008.
47. Burns JS, Williams PL, Sergeyev O, Korrick S, Lee MM, Revich B, Altshul L, Turner WE, Patterson DG, Saharov I, Hauser. Predictors of serum Dioxins and PCBs in a Russian cohort of boys (Poster), Dioxin 2008, Birmingham, UK, 2008.
48. Wu XF, Zhang NN, Lee MM. Leydig cell specific conditional deletion of ALK3 (Poster), 34th Annual American Society of Andrology Meeting, Philadelphia, PA 2009.
49. Sergeyev S, Lee MM, Williams PL, Korrick S, Burns JS, Revich B, Sidorov D, and Hauser R. Longitudinal measures of growth and pubertal development in Russian boys (Poster). The 8th LWPES/ESPE Joint Meeting, NY, NY, 2009.
50. Korrick S, Williams P, Sergeyev O, Lee MM, Burns JS, DelPrato J, Revich B, Altshul L, Patterson D, Turner WE, and Hauser R. Dioxin Exposure and Puberty Onset among Russian Boys (Platform presentation), The 21st Annual International Society for Environmental Epidemiology Conference, Dublin, Ireland, 2009.
51. Wu XF, Chen X, Zhang N and Lee MM. Androgen receptor is required in the transition from fetal to adult-type Leydig cells (Poster). The Endocrine Society 92nd Annual Meeting, San Diego, CA, 2010
52. Nwosu BU, Meltzer, B., Maranda, L., Ciccarelli, C., King, J., Reynolds, D., Curtis, L., Frazier, J.A., and Lee, M.M. Short Term Effects of Vitamin D Supplementation on Body Mass Index in Overweight Adolescents Receiving Second Generation Antipsychotics (Poster). The Endocrine Society 92nd Annual Meeting,, San Diego, CA, 2010
53. Burns JS, Williams PL, Sergeyev O, Korrick S, Lee MM, Revich B, Altshul L, Patterson DG Jr, Del Prato JT, Humblet O, Starovoytov M, Saharov I, and Hauser R. Dioxins and PCBs among Russian boys: predictors of serum levels and associations with childhood growth. 30th International Symposium on Halogenated Persistent Organic Pollutants (POPs), September 12-17, 2010, (Platform Presentation) San Antonio, TX.
54. Burns JS, Williams PL, Sergeyev O, Korrick S, Lee MM, Revich B, Altshul L, Patterson DG Jr, Del Prato JT, Humblet O, Starovoytov M, and Hauser R. Associations of serum concentrations of chlorinated pesticides with longitudinal growth in a Russian cohort of boys. 30th International Symposium on Halogenated Persistent Organic Pollutants (POPs), September 12-17, 2010, (Poster) San Antonio, TX.
55. Nwosu BU, Maranda L, Stavre Z, Cullen CA, Greenman L and Lee MM. The Relationship between serum vitamin D and hemoglobin A1c levels in Adolescents with type 1 and type 2 diabetes. The Endocrine Society 93rd Annual Meeting, June 2011 (Poster), Boston, MA 2011.
56. Burns J, Lee MM, Williams PL, Sergeyev O, Korrick S, Revich B, Altshul L, Patterson DG, Del Prato J, Starovoytov M, and Hauser R. Serum chlorinated pesticides and longitudinal serum biomarkers of energy homeostasis among Russian boys. 31st International Symposium on Halogenated Persistent Organic Pollutants (POPs), September 2011, (Platform presentation), Brussels, Belgium.
57. Sergeyev O, Williams PL, Burns J, Korrick S, Altshul L, Lee MM, Revich B, Humblet O, Delprato J, Patterson DG, Turner WE, and Hauser R. Overview of Russian children's study: organochlorine

- compounds and male pubertal growth and development. 31st International Symposium on Halogenated Persistent Organic Pollutants (POPs), September 2011, (Platform), Brussels, Belgium.
58. Sergeev O, Williams PL, Hauser R, Korrick S, Burns J, Patterson DG, Altshul L, Revich B and Lee MM. Dioxins/PCBs and Pubarche Among Russian Boys in a Longitudinal Study. European Society of Pediatric Endocrinology Annual Meeting, October 2011 (Poster), Glasgow, Scotland.
 59. Sullivan-Bolyai, S., Bova, C., Johnson, K., Crawford, S., & Lee, M. (2012). Development and pilot testing of a parent education intervention for type 1. *Diabetes Educ.* 2012 Jan-Feb; 38(1): 50-57. doi: 10.1177/0145721711432457. Epub Jan 5. 2012.
 60. Fleish, A, Williams PL, Sergeev O, Lee M, Korrick, SA, Hauser R. Serum IGF-1 association with lead exposures in Russian boys, Pediatric Academic Societies Annual meeting, (Platform), May 2012
 61. Lam T, Williams PL, Burns J, Birnbaum L, Korrick S, Lee MM, Sergeev O, and Hauser R. Predictors of Serum Concentrations of Chlorinated Pesticides among Russian Boys. International Society of Environmental Epidemiology, (Platform presentation and Poster), June 2012 Columbia, SC
 62. Burns JS, Williams PL, Lee M, Sergeev O, Korrick SA, Fleisch AF, and Hauser R. Association of Serum Dioxin-like Compounds with Serum Lipids in Russian Boys. *Am J Epidemiol* (2012) 175 (Suppl 11) Society for Epidemiological Research (Spotlight Platform presentation), June 2012 Minneapolis. MN
 63. Burns JS, Lee MM, Williams PL, Sergeev O, Korrick SA, Fleisch AF, and Hauser R. Association of Dioxin-like Compounds with Longitudinal Lipid Measures among Russian Boys. Gordon Conference on Endocrine Disrupting Compounds (poster) June 2012, New Hampshire
 64. Moore Simas TA, Gealekman O, Zhang N, Rosal M, Lee MM, and Corvera M. Adipose Tissue Architecture and Gestational Weight Gain in Normoglycemic Pregnancies. Society for Gynecologic Investigation 60th Annual Meeting (Poster), Orlanda, FL, March 2013
 65. Sergeev O, Williams PL, Hauser R, Korrick SA, Burns JS, Patterson Jr., DS, Altshul L, Revich B, and Lee MM. Dioxins/PCBs and Pubarche Among Russian Boys in a Longitudinal Study 7th Copenhagen Workshop on Endocrine Disrupters (Poster).Copenhagen, Denmark, May 2013
 66. Nwosu, BU, Cullen K, Ciccarelli C, Maranda L, Lee MM. Vitamin D Deficiency is associated with early markers of cardiovascular disease in prepubertal children. Pediatric Academic Societies' Annual Meeting, (Poster) Washington DC, USA. May 4-7, 2013.
 67. Lam T, Williams PL, Korrick S, Lee M, Burns JS, Birnbaum LS, Sergeev O, Revich B, Altshul L, Patterson DG, Turner WE, Hauser R. Age at Sexual Maturity and Organochlorine Exposure among Russian Boys. International Society for Environmental Research (Platform presentation), Basel, Switzerland, August 2013.
 68. Sullivan-Bolyai S, Bova C, Johnson K, Cullen K, Jaffarian C, Quinn D,Aroke EN, Crawford S, Lee MM, Gupta O: Engaging Teens and Parents in Collaborative Practice: Perspectives on Diabetes Self-Management (submitted to Diabetes Educator Aug. 2013)
 69. Nwosu, BU, Cullen K, Maranda L, Greenman L, Fleshman J, McShea N, and Lee MM. The Effect of Treat-to-Target Insulin Regimen on Glycemic Control in Overweight/Obese Type 1 diabetes Patients. 49th European Association for the Study of Diabetes Annual Meeting (Poster), Barcelona, Span, September 2013.
 70. Moore Simas TA, Boeras C, Zhang N, Gealikman O, Leung K, Wedick N, Robidoux L, Adams Puleo A, Lee M, Corvera S, Rosal M. *Associations Of Adipose Tissue Architecture, Adipokines & Inflammatory Markers With Body Mass Index And Gestational Weight Gain In Non-diabetic Pregnancies.* 13th Annual Meeting of the Diabetes in Pregnancy Study Group of North America, Washington, DC, November 1-2, 2013.

Committee Assignments and Administrative Service:

Grant Review Committees

| | |
|---|--------------|
| Marsden Fund Council / Royal Society of New Zealand | 2010-present |
| Member, National Advisory Scientific Council, NIEHS | 2010-2013 |
| Charles Hood Medical Foundation, Grant Review Board | 2009-2013 |
| Chair | 2012-2013 |
| NIEHS Children's Environmental Health Centers Review Panel (ad hoc) | 2009 |
| NICHD, Gynecology, Reproduction and Andrology Study Section | 2004-2008 |
| Study Section Chair | 2006-2008 |
| Charles Hood Medical Foundation, Ad Hoc Reviewer | 2004 |
| NICHD, Reproductive Biology RFA Review Panel | 2003 |
| VA Merit Grant Review Board | 2001 |
| NICHD, Reproductive Biology, Program Project Review | 1999-2002 |

Academic Committees/Service:

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|---|--------------|
| Meyers Primary Care Institute Board of Directors | 2013-present |
| Massachusetts Child Health Quality Coalition (CHQC) | 2013-present |
| NIEHS and NCI | |
| Breast Center and the Environment Research Programs | 2010-2014 |
| External Advisory Board Member | |
| UMass Medical School/UMass Memorial Health Care: | |
| Medical Group Senior Management Team | 2012-present |
| Executive Leadership Council (Medical School) | 2012-present |
| Clinical Chairs Council | 2012-present |
| Medical Staff Executive Committee | 2012-present |
| Women's Leadership Workgroup | 2012-present |
| UMCCTS CC-CHOC Pediatric point person | 2012-present |
| Re-accreditation by CIHE/NEASC | 2011-2012 |
| Subcommittee on standards for accreditation | |
| LCGME Task Force (Subcommittee on Personnel Policy) | 2010-2011 |
| Tenure Committee | 2009-2012 |
| Search Committees | |
| Pediatric GI Chief (Co-chair) | 2010-2011 |
| Diabetes Center of Excellence Research Faculty | 2010-2011 |
| Ob/GYN senior research faculty | 2009-2010 |
| Stem Cell Center Director | 2008-2010 |
| Diabetes Division Chief | 2008-2009 |
| Diabetes Center Director | 2007-2008 |
| Dean of Nursing | 2005-2006 |
| Faculty Advancement Departmental Liaison | 2008-present |
| National Children's Health Study, Scientific Advisory Board | 2008-present |
| UMCCTS Scientific Review Committee | 2008-present |
| Women's Faculty Committee | 2008-present |
| Pediatric Strategic Planning Task Force | 2007 |
| Chair, Academic Excellence Task Force | |
| Diabetes and Endocrine Research Center, | 2007-present |
| Executive Committee | |
| Diabetes Center for Excellence, Advisory Board | 2007-2008 |

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|---|------------|
| Faculty and Leadership Development Task Force | 2007-2008 |
| Departmental Policy and Action Committee | 2005-2009 |
| Scientific Academic Council | 2004-2007 |
| Duke University Medical Center | |
| Pediatric interest group (PIG) | 2004 |
| Annual research symposium organizing committee | 2003-2004 |
| Organizer, Ped Endocrine didactic conferences and journal clubs | 2000-2004 |
| Massachusetts General Hospital: | |
| Pediatric Safety Committee | 1 998-2000 |
| Pediatric Academic Council | 1999-2000 |
| Subcommittee on the Review of Research Proposals | 1994-1997 |
| Children's Hospital of Philadelphia: | |
| Fellowship Review Committee | 1986-1989 |

Civic and Community Activities:

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|---|--------------|
| Clara Barton Center for Diabetes Education: | |
| Medical Advisory Council | 2005-present |
| Trustee, Board of Trustees | 2006-2015 |
| Medical Director and Camp doctor | 2005-2009 |
| | 2012-present |
| Worcester Half Marathon, health care team volunteer | 2010 |
| Special Olympics, volunteer | 2008, 2009 |