

MATTHEW A. LEDERMAN, M.D.

**Medical Practice**

Reproductive Medicine Associates of New York  
4/18/14-Present

Mount Sinai West, NY, NY  
Department of Obstetrics and Gynecology  
Division of Reproductive Endocrinology and Infertility  
Chairman: Peter McGovern, MD  
Faculty Practice July 9, 2009-4/17/14  
Voluntary Staff 4/18/14-Present

**Education & Training**

Fellowship: Albert Einstein College of Medicine, Bronx, NY  
Reproductive Endocrinology and Infertility  
Chairman: Irwin Merkatz, MD  
Division/Fellowship Director: Nanette Santoro, MD  
July 2006-June 2009

Residency: Albert Einstein College of Medicine/Montefiore Medical Center  
Bronx, NY  
Program in Obstetrics & Gynecology  
Chairman: Irwin Merkatz, MD  
Program Director: Brian Cohen, MD  
July 2002-June 2006

Medical School: Finch Univ. of Health Sciences/The Chicago Medical School  
North Chicago, IL  
Doctor of Medicine  
June 1998-June 2002

Undergraduate: University of Michigan, Ann Arbor, MI  
Bachelor of Arts degree in Psychology  
August 1994-May 1998

**Licensure and Certification**

New York State Medical License # 238434, December 2005-Present  
American Board of Obstetrics & Gynecology Diplomate, January 2008  
Reproductive Endocrinology and Infertility, April 2011-Present

**Professional Society Memberships**

American College of Obstetrics & Gynecology, Fellow  
American Society for Reproductive Medicine  
Society for Reproductive Endocrinology & Infertility  
The Endocrine Society  
Westchester OB/GYN Society  
Resolve  
FORCE: Facing Our Risk of Cancer Empowered, advisory board member

### **Awards and Honors**

Voted as a New York Super Doctor by the Super Doctors Organization, 2015, 2016, and 2017

Voted as a New York Rising Star by the Super Doctors Organization, 2013 and 2014

Endocrine Society Travel Grant, 2009

Albert Einstein College of Medicine of Yeshiva University Teaching Award, 2003-2004

### **Teaching Experience**

Guest Lecturer for Sophie Davis school of Biomedical Education at City College, 2010-2013

- Topics included PCOS, menopause, fibroids, and endometriosis

Guest Lecturer for Mercy College PA students, 2008-2009

- Topics included OB/GYN history and physical exam, menstrual cycle, contraception, termination of pregnancy, infertility, dysmenorrhea, endometriosis, and premenstrual syndrome/premenstrual dysphoric disorder

Instructor of Clinical Obstetrics & Gynecology, Albert Einstein College of Medicine, July 2006-June 2009

Project Outreach Group Leader, 1997

- Designed and led hour-long lecture series on various topics, including AIDS, medical ethics, and women's health

### **Positions and Activities**

Administrative Chief Resident, 2005-2006

Residency Program Interviewer, 2004-2006

OB/GYN & Pediatric Student Representative, 2000

- Liaison between medical staff and students; responsible for managing concerns and issues

FUHS/CMS Health Care Project 2000 – Health Care for the Homeless

- Performed physical exams for Chicago homeless and worked in soup kitchen

Mott's Children's Hospital, volunteer 1995-1997

Alpha Epsilon Pi Fraternity Scribe and Midwest Conclave Director, 1996-1997

### **Publications and Presentations**

Sekhon L, Rodriguez-Purata J, Lee JA, Whitehouse MC, **Lederman M**, Copperman AB. Ovarian reserve and embryonic aneuploidy rates in BRCA 1 and 2 carriers. *Fertility and Sterility* 2016; 106:e371.

Ganza AL, Whitehouse MC, Lee JA, McGovern PG, **Lederman M**, Copperman AB, Stein DE. Obesity and art: does BMI affect euploidy rates and/or pregnancy outcomes in couples undergoing IVF with CCS? *Fertility and Sterility* 2016; 106:e264.

Sekhon L, Rodriguez-Purata J, Aharon D, Lee JA, Whitehouse MC, Klein J, **Lederman M**, Grunfeld L, Mukherjee T, Copperman AB. Interpreting early HCG dynamics in the era of the thawed euploid single embryo transfer: how important is doubling? *Fertility and Sterility* 2016; 106:e341-342.

Kon M, Sekhon L, Shaia K, Whitehouse MC, Lee JA, Slifkin R, Flisser E, Klein J, **Lederman M**, Grunfeld L, Mukherjee T, Sandler B, Copperman AB, Stein DE. Number of supernumerary

euploid embryos from an IVF cycle correlates with an ongoing pregnancy rate after subsequent single, euploid embryo transfer (SET). *Fertility and Sterility* 2016; 106:e202.

**Lederman MA.** Comprehensive Chromosomal Screening (CCS): The Path to Single Embryo Transfers. Presented at Orange Regional Medical Center Grand Rounds. Middletown, NY, 03/10/16

**Lederman MA.** Comprehensive Chromosomal Screening (CCS): The Path to Single Embryo Transfers. Presented at the Department of Obstetrics and Gynecology New York Methodist Hospital Grand Rounds. Brooklyn, NY, 11/11/15.

**Lederman MA.** Comprehensive Chromosomal Screening. Presented at the Department of Obstetrics and Gynecology Northern Westchester Hospital Grand Rounds. Mount Kisco, NY, 05/26/15.

Polosina ES, Keltz MD, Greene AD, **Lederman M.** Hysteroscopic Repair of Arcuate, Partial and Complete Intrauterine Septums; Common Indications, Associations and Reproductive Outcomes. Poster presentation at the Society for Gynecologic Investigation 61<sup>st</sup> Annual Scientific Meeting, Florence, Italy. 3/26/14-3/29/14.

Keltz MD, Vega M, Sirota I, **Lederman M,** Moshier EL, Gonzales E, Stein D. Preimplantation Genetic Screening (PGS) with Comparative Genomic Hybridization (CGH) following day 3 single cell blastomere biopsy markedly improves IVF outcomes while lowering multiple pregnancies and miscarriages. *Journal of Assisted Reproduction and Genetics* 2013;30:1333-1339.

**Lederman MA.** Obesity and Reproduction. Presented at the Department of Obstetrics and Gynecology St. Luke's-Roosevelt Hospital Center Grand Rounds. NY, NY, 3/12/13.

**Lederman MA.** PCOS, Obesity and Reproduction. Presented at the Department of Obstetrics and Gynecology Vassar Brothers Medical Center Grand Rounds. Poughkeepsie, NY, 12/13/12.

Sauerbrun-Cutler M, Keltz M, **Lederman M,** Vega M, Stein DE. Serum anti-mullerian hormone levels decrease after Metformin administration in women with Polycystic Ovary Syndrome more in patients with lean PCOS despite their normal levels of insulin resistance. *Reproductive Sciences* 2013; 20(3):180A.

Breborowicz AK, Keltz, MD, Chau P, Stein D, **Lederman M,** Gonzales E. Transvaginal ovarian drilling (TVOD) for severe polycystic ovary syndrome (PCOS) prior to in vitro fertilization (IVF) dramatically improves IVF outcomes. *Fertility and Sterility* 2012;98:S212.

Sauerbrun-Cutler M, **Lederman M,** Keltz M, Lee M, Stein D. Serum anti-müllerian hormone levels (AMH) decrease after metformin administration in women with both lean and overweight polycystic ovary syndrome (PCOS). *Fertility and Sterility* 2012;98:S213.

Breborowicz AK, Stein DE, **Lederman MA,** Keltz MD. Unilateral ovarian hypoplasia—A report of two cases. *Open Journal of Obstetrics and Gynecology* 2012;2:69-72.

Hachem LEI, Stein DE, Keltz MDM, **Lederman MA.** Ovarian Heterotopic Pregnancy after Ovulation Induction with Clomiphene Citrate. *Gynecology & Obstetrics* 2011;1:107.

**Lederman MA.** Unexplained Infertility (UI): Fast Track to IVF? Presented at the Department of Obstetrics and Gynecology Beth Israel Medical Center Grand Rounds. NY, NY, 11/25/09.

**Lederman MA.** Unexplained Infertility (UI): Fast Track to IVF? Presented at the Department of Obstetrics and Gynecology St. Luke's-Roosevelt Hospital Center Grand Rounds. NY, NY, 10/13/09.

**Lederman MA,** Lebesgue D, Gonzalez VV, Shu J, Merhi ZO, Etgen AM, Neal-Perry G. Age-related LH surge dysfunction correlates with reduced responsiveness of hypothalamic anteroventral periventricular nucleus kisspeptin neurons to estradiol positive feedback in middle-aged rats. *Neuropharmacology* 2010;58:314-320.

**Lederman MA,** Lebesgue D, Gonzalez VV, Shu J, Merhi ZO, Etgen AM, Neal-Perry G. Female Reproduction Begins And Ends With Kiss1. Presented at the Albert Einstein College of Medicine Annual Science Day for Residents and Fellows. Bronx, NY, 6/9/09.

**Lederman MA,** Gonzalez VV, Lebesgue D, Merhi ZO, Shu J, Todd BJ, Reyna-Neyra A, Huang X, Etgen AM, Neal-Perry G. Female Reproduction ends with KISS. Oral presentation at The Endocrine Society's 91<sup>st</sup> Annual Meeting, Washington, D.C., 6/10/09-6/13/09.

Neal-Perry G, Lebesgue D, **Lederman M,** Shu J, Zeevalk GD, Etgen A. The excitatory peptide kisspeptin restores the luteinizing hormone surge and modulates amino acid neurotransmission in the medial preoptic area of middle-aged rats. *Endocrinology* 2009;150: 3699-3708.

Merhi Z, **Lederman M,** Shu J, Etgen A, Neal-Perry G. Insulin-Like Growth Factor-1: A Neuroendocrine Role in Aging? Oral presentation at the Society for Neuroscience, Washington, D.C. 11/15/08-11/19/08.

Neal-Perry G, **Lederman M,** Shu J, Santoro N, Etgen A. Reduced Kisspeptin Neurotransmission: A Mechanism For Female Reproductive Aging. Oral presentation at The Endocrine Society's 90<sup>th</sup> Annual Meeting, San Francisco, CA, 6/15/08-6/18/08.

Merhi Z, **Lederman M,** Shu J, Etgen A, Neal-Perry G. Insulin-Like Growth Factor 1: A Neuroendocrine Role in Aging? Poster presentation at The Endocrine Society's 90<sup>th</sup> Annual Meeting, San Francisco, Ca, 6/15/08-6/18/08.

Santoro N, **Lederman M.** Bleeding, Abnormal Uterine: Postmenopausal and Menopausal Transition. In: Hillard PJ, ed. *The 5-Minute OB/GYN Clinical Consult*. 1<sup>st</sup> ed. Philadelphia, PA: Lippincott Williams & Wilkins; 2008:14-15.

**Lederman MA,** Chuang M, Jindal SK, Pal L, Polotsky AJ, Santoro N. Three or more prior COH cycles: a poor prognostic predictor for 1<sup>st</sup> IVF-ET cycle in patients with unexplained infertility (UI). *Fertility and Sterility* 2007;88:S148-S149.

**Lederman MA,** Hurwitz JM, Jindal SK, Lieman HJ, Santoro N. Embryo Donation: An Increasingly Popular Option In The United States. Presented at the Albert Einstein College of Medicine Annual Science Day for Residents and Fellows. Bronx, NY, 6/13/06.

Pal L, Bowen S, Bevilacqua K, Soskin L, **Lederman M,** Santoro N. Higher reporting of sexual dissatisfaction by female partners in couples with male factor infertility. *Fertility and Sterility* 2005;84:S133.

Hurwitz JM, **Lederman MA,** Jindal SK, Lieman HJ, Santoro N. Embryo Donation (ED): an increasingly popular option in the United States. *Fertility and Sterility* 2005;84:S235-S236.

**Lederman MA,** Hurwitz JM, Santoro N. Needs Assessment for Embryo Donation. Presented at the Albert Einstein College of Medicine Departmental Grand Rounds. Bronx, NY, 6/1/04.