

## CURRICULUM VITAE

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#### POSITION:

1996-Present	Division Director, Reproductive Endocrinology and Infertility, Icahn School of Medicine at Mount Sinai
2001-Present	Vice Chairman, Department of Obstetrics, Gynecology, and Reproductive Science, Icahn School of Medicine at Mount Sinai
2001-Present	Managing Partner, Reproductive Medicine Associates of New York
2014-Present	Fellowship Director, Icahn School of Medicine at Mount Sinai, Division of Reproductive Endocrinology and Infertility
2016-Present	RESOLVE Physician Council
2017-Present	Chief Medical Officer, Sema4 Genomics
2017-Present	Medical Director, Progyny, Inc.

#### HOSPITAL APPOINTMENTS:

2007-Present	Clinical Professor Vice-Chairman, Department of Obstetrics, Gynecology and Reproductive Science Mount Sinai School of Medicine, New York, New York
1996-Present	Director, Division of Reproductive Endocrinology Department of Obstetrics, Gynecology and Reproductive Science Mount Sinai School of Medicine, New York, New York
1993-1995	Fellow, Obstetrics and Gynecology The Mount Sinai Hospital, New York, New York

#### EDUCATION:

1985-1989	New York Medical College, Valhalla, New York Doctorate of Medicine
1983-1985	University of Pennsylvania, Philadelphia, Pennsylvania Bachelor of Arts Major: History and Sociology of Science Minors: Biology and Chemistry
1981-1983	Brooklyn College, Brooklyn, New York

#### POSTDOCTORAL TRAINING:

1993-1995	Fellowship, Division of Reproductive Endocrinology Mount Sinai School of Medicine, New York, New York
1989-1993	Internship and Residency Department of Obstetrics and Gynecology Yale University School of Medicine, New Haven, Connecticut

#### CERTIFICATIONS:

National Board of Medical Examiners  
American Board of Obstetrics and Gynecology (*Board Certified, 12/1996-Present*)  
Reproductive Endocrinology (*Board Certified, 05/1999-Present*)

**MEDICAL LICENSURE:**

State of New York License (*Active*)  
State of Connecticut License (*Inactive*)  
State of New Jersey License (*Inactive*)

**HONORS:**

2018 Mount Sinai OB/GYN Sidney Druse Award  
2018 NY Top Docs  
2015-2018 Castle Connolly, Top Doctors in America for Cancer  
2013-2018 Top Doctor by U.S. News & World Report, "Best Hospitals"  
2011-2018 Scientific Program and Abstract Review Committee; American Society of Reproductive medicine  
2010-2018 Star Award at ASRM  
2006-2018 America's Top Obstetricians and Gynecologists  
2005-2018 Best Doctors in America  
2005-2018 Castle Connolly, Top Doctors in America  
2003-2018 Castle Connolly, Top Doctors in the New York Metro Area  
2002-2018 New York Magazine, "The Best Doctors"  
2013 The National Medical Honor Society  
2013 Alumni Initiate of the New York Iota Chapter of Alpha Omega Alpha  
1993-1995 Martin J. Clyman Memorial Fellowship in Reproductive Endocrinology; Mount Sinai Medical Center  
1993 Meehan-Miller Award, "The Graduating Yale Resident who exemplifies the Scholarly Attributes of Obstetrics and Gynecology"  
1993 Yale University School of Medicine Resident Research Day  
1993 Resident Research Award; TAP Pharmaceuticals  
1993 Excellence in Endoscopy Award; Society of Laparoendoscopic Surgeons  
1992 Wyeth-Ayerst Pharmaceuticals Award, Resident Reporter  
1991 Mead Johnson Laboratories Award, "The Journal Club"  
1989 The New York Medical College Service Award  
1989 Editor-in-Chief, New York Medical College Yearbook  
1985 Magna Cum Laude, University of Pennsylvania

**PROFESSIONAL SOCIETIES:**

Member, American Medical Association  
Fellow, American College of Obstetricians and Gynecologists  
Fellow, American Society of Reproductive Medicine  
Member, American Association of Gynecological Laparoscopy  
Member, New York Society of Reproductive Medicine  
Member, Society of Assisted Reproductive Technologies  
Member, Society of Reproductive Surgeons  
Member, International Society for Fertility Preservation  
Member, medical Society of the State of New York  
Member, Yale Obstetrical and Gynecological Society  
Member, New York Obstetrical Society

**COMMITTEES:**

New York Obstetrical Society Committee Member  
Department of Obstetrics and Gynecology Committee on Graduate Medical Education  
MSSM Donor Committee of the Routine Referral Development Program  
Departmental Representative to the Mount Sinai Medical Center Health System  
Mount Sinai Medical Center Bioethics Committee

Board of Directors, RESOLVE  
Ad Hoc Editor, Fertility and Sterility  
Ad Hoc Editor, Obstetrics and Gynecology  
Ad Hoc Editor, American Journal of Obstetrics and Gynecology  
Ad Hoc Editor, Journal of Clinical Endocrinology and Metabolism  
Ad Hoc Editor, European Journal of Obstetrics and Gynecology and Reproductive Biology  
Ad Hoc Editor, Journal of Women's Health  
Ad Hoc Editor, Journal of Experimental and Clinical Assisted Reproduction  
Ad Hoc Editor, Reproductive Sciences  
Ad Hoc Editor, Expert Review of Obstetrics and Gynecology  
Peer Reviewer, Reproductive Biomedicine Online  
Editorial Advisory Board, OB/GYN Clinical Digest  
Serono Executive Vice President Advisory Team (2004-2016)  
Medical Advisory Board, Bonej Olam  
Medical Advisory Board, Celmatix  
Medical Advisory Board, GenePeeks  
Medical Advisory Board, LiveSTRONG, The Lance Armstrong Foundation

## **PUBLICATIONS:**

### **A. Original Peer Reviewed:**

1. Herlihy NS, Sekhon L, Lee JA, Stein D, Copperman AB, Lederman MA. Caring for BRCA carriers: Strategies to promote health and preserve fertility. *Journal of Women's Health and Gyn.* 2018;101:1-10.
2. Kudesia R, Wu H, Cohn KH, Tan L, Lee JA, Copperman AB, Beim YP. The effect of female body mass index on in vitro fertilization cycle outcomes: A multi-center analysis. *J Assist Reprod Genet.* 2018 Aug21. doi: 10.1007/s10815-018-1290-6. PMID: 30132171.
3. Sekhon L, Lee JA, Flisser E, Copperman AB, Stein D. Blastocyst vitrification, cryostorage and warming does not affect live birth rate, infant birth weight or timing of delivery. *Reprod BioMed Online.* 2018 Jul;37(1):33-42. doi: 10.1016/j.rbmo.2018.03.023. PMID: 29706285.
4. Lambertini L, Saul SR, Copperman AB, Hammerstad SS, Yi Z, Zhang W, Tomer Y, Kase N. Intrauterine reprogramming of the polycystic ovary syndrome: Evidence from a pilot study of cord blood global methylation analysis. *Front Endocrinol (Lausanne).* 2017 Dec18;18(8):352. doi: 10.3389/fendo.2017.00352. eCollection 2017. PMID: 29326659.
5. Hernandez-Nieto C, Lee JA, Nazem T, Gounko D, Copperman AB, Sandler B. Embryo aneuploidy is not impacted by selective serotonin reuptake inhibitor exposure. *Fertil and Steril.* 2017 Dec;108(6):973-9. doi: 10.1016/j.fertnstert.2017.08.040. PMID: 29202974.
6. Wang A, Santistevan A, Cohn KH, Copperman AB, Nulsen J, Miller BT, Widra E, Westphal LM. Freeze-only versus fresh embryo transfer in a multicenter matched cohort study: Contribution of progesterone and maternal age to success rates. *Fertil and Steril.* 2017 Aug;108(2):254-61. doi: 10.1016/j.fertnstert.2017.05.007. PMID: 28579411.
7. Dayan E, Zhu H, Copperman AB, Lewis S, Kamath A. Gastrointestinal stromal tumor presenting as right adnexal mass histopathologic correlation. *Clin Imaging.* 2017 Jul-Aug; 44:97-100. doi: 10.1016/j.clinimag.2017.05.006. PMID: 28494279.
8. Sekhon L, Shaia K, Santistevan A, Cohn KH, Lee JA, Beim PY, Copperman AB. The cumulative dose of gonadotropins used for controlled ovarian stimulation does not influence the odds of embryonic aneuploidy in patients with normal ovarian response. *J of Assist Reprod Genet.* 2017 Jun;34(6):749-58. doi: 10.1007/s10815-017-0909-3. PMID: 28321529.

9. Rekawek P, Friedman Jr F, Gaigbe-Togbe B, Lee JA, Copperman AB. Human embryo morphokinetics correlation with obstetric outcomes and antepartum biomarkers. *J Reprod Med.* 2017 May-Jun;62(5-6):241-9. PMID: 30027716.
10. Vela G, Ruman J, Luna M, Sandler B, Copperman AB. Profound pituitary suppression following oral contraceptive pretreatment in gonadotropin releasing hormone antagonist cycle does not impact outcome: A retrospective cohort study. *J Fertil In vitro IVF Worldw Reprod Med Genet Stem Cell Biol.* 2017 May.
11. Rodriguez-Purata J, Pacheco R, Sekhon L, Lee JA, Grunfeld L, Mukherjee T, Sandler B, Copperman AB. Reproductive outcome is optimized when an embryo transfer is performed 1 to 3 months after cervical dilation. *Journal of Gynecology and Obstetrics.* 2017 Apr.
12. Sekhon L, Shaia K, Santistevan A, Cohn KH, Lee JA, Beim PY, Copperman AB. Does the dose and duration of exogenous gonadotropins for controlled ovarian hyperstimulation affect the likelihood of embryonic aneuploidy? *J Assist Reprod Genet.* 2017 Mar.
13. Rodriguez-Purata J, Lee JA, Whitehouse MC, Sandler B, Copperman AB, Mukherjee T. Comparison of letrozole with timed intercourse versus clomiphene citrate with intrauterine insemination in patients with unexplained infertility. *J Reprod Med.* 2017.
14. Gingold JA, Zafman K, Rodriguez-Purata J, Whitehouse MC, Lee JA, Sandler B, Copperman AB. Do elevated TSH levels predict early pregnancy loss in ART patients? *Gynecol Endocrinol.* 2016 Dec;32(12):973-6. doi: 10.1080/09513590.2016.1200553. PMID: 27426225.
15. Rodriguez-Purata J, Gingold JA, Lee JA, Whitehouse MC, Slifkin RE, Briton-Jones C, Copperman AB, Sandler B. Hatching status before embryo transfer is not correlated with implantation rate in chromosomally screened blastocysts. *Hum Reprod.* 2016 Nov;31(11):2458-70. doi: 140.1093/humanrep/dew205. PMID: 27619770.
16. Rodriguez-Purata J, Lee JA, Whitehouse MC, Duke M, Grunfeld L, Sandler B, Copperman AB, Mukherjee T. Reproductive outcome is optimized by genomic embryo screening, vitrification and subsequent transfer into a prepared synchronous endometrium. *J Assist Reprod Genet.* 2016 Mar;33(3):401-12. doi: 10.1007/s10815-016-0647-y. PMID: 26768140.
17. Rodriguez-Purata J, Lee JA, Whitehouse MC, Moschini RM, Knopman J, Duke M, Sandler B, Copperman AB. Embryo selection versus natural selection: How do outcomes of comprehensive chromosome screening of blastocysts compare with the analysis of products of conception from early pregnancy loss (dilation and curettage) among an assisted reproductive technology population? *Fertil Steril.* 2015 Dec;104(6):1460-6. e1-12. doi: 10.1016/j.fertnstert.2015.08.007. PMID: 26361205.
18. Gingold JA, Lee JA, Rodriguez-Purata J, Whitehouse MC, Sandler B, Grunfeld L, Mukherjee T, Copperman AB. Endometrial pattern, but no endometrial thickness, affects implantation rates in euploid embryo transfers. *Fertil Steril.* 2015 Sep;104(3):620-8. e5. doi: 10.1016/j.fertnstert.2015.05.036. PMID: 26079695.
19. Gingold JA, Lee JA, Whitehouse MC, Rodriguez-Purata J, Sandler B, Grunfeld L, Mukherjee T, Copperman AB. Maximum basal FSH predicts reproductive outcome better than cycle-specific basal FSH levels: Waiting for a "better" month conveys limited retrieval benefits. *Reprod Biol Endocrinol.* 2015 Aug;15(13):91. doi: 10.1186/s12958-015-0078-0. PMID: 26272081.
20. Yeshua A, Lee JA, Witkin G, Copperman AB. Female couples undergoing IVF with partner eggs (CO-IVF): Pathways to Parenthood. *LGBT Health.* 2015 Jun;2(2):135-9. doi: 10.1089/lgbt.2014.0126. PMID: 26790119.

21. Werner MD, Leondires MP, Schoolcraft WB, Miller BT, Copperman AB, Robins ED, Arredondo F, Hickman TN, Gutmann J, Schillings WJ, Levy B, Taylor D, Treff NR, Scott RT. Clinically recognizable error rate after the transfer of comprehensive chromosomal screened euploid embryos is low. *Fertil Steril*. 2014 Dec;102(6):1613-8. doi: 10.1016/j.fertnstert.2014.09.011. PMID: 25439802.
22. VanWort TA, Lee JA, Karvir JA, Whitehouse MC, Beim PY, Copperman AB. Female cystic fibrosis mutation carriers and assisted reproductive technology: Does carrier status affect reproductive outcomes? *Fertil Steril*. 2014 Nov;102(5):1324-30. doi: 10.1016/j.fertnstert.2014.07.1234. PMID: 25217870.
23. Flores H, Lee JA, Rodriguez-Purata J, Witkin G, Sandler B, Copperman AB. Beauty, brains, or health: Trends in ovum recipient preferences. *J Womens Health (Larchmt)*. 2014 Oct;23(10):830-3. doi: 10.1089/jwh.2014.4792. PMID: 25215448.
24. Lee JA, Sekhon L, Grunfeld L, Copperman AB. In vitro maturation of germinal vesicle and metaphase I eggs prior to cryopreservation optimizes reproductive potential in patient undergoing fertility preservation. *Curr Opin Obstet Gynecol*. 2014 Jun;26(3):168-73. doi: 10.1097/GCO.0000000000000062. PMID: 24752002.
25. Broer S, Dolleman M, Van Disseldorp L, et al. Prediction of an excessive response in in vitro fertilization from patient characteristics and ovarian reserve tests and comparison in subgroups: An individual patient data meta-analysis. *Fertil Steril*. 2013 Aug;100(2):420-9. e7. doi: 10.1016/j.fertnstert.2013.04.024. PMID: 23721718.
26. Lee JA, Barritt J, Moschini RM, Slifkin RE, Copperman AB. Optimizing human oocyte cryopreservation for fertility patients: Should we mature then freeze or freeze then mature? *Fertil Steril*. 2013 Apr;99(5):1356-62. doi: 10.1016/j.fertnstert.2012.11.042. PMID: 23266213.
27. Copperman AB, Benadiva C. Optimal usage of the GnRH antagonists: A review of the literature. *Reprod Biol Endocrinol*. 2013 Mar15;11:20. doi: 10.1186/1477-7827-11-20. PMID: 23496864.
28. Broer SL, Van Disseldorp J, Broeze KA, et al. Added value of ovarian reserve testing on patient characteristics in the prediction of ovarian response and ongoing pregnancy: An individual patient data approach. *Hum Reprod Update*. 2013 Jan-Feb;19(1):26-36. doi: 10.1093/humupd/dms041. PMID: 23188168.
29. Vallejo V, Lee JA, Schuman L, Witkin G, Cervantes E, Sandler B, Copperman AB. Social and psychological assessment of women undergoing elective oocyte cryopreservation: A 7-year analysis. *J Obstet Gynecol*. 2013 Jan;3:1-7.
30. Vallejo V, Cotton H, Lee JA, Cervantes E, Sandler B, Copperman AB. Medical versus surgical treatment for early pregnancy loss in infertile patients: Which approach facilitates more rapid return to subsequent treatment cycle? *J Obstet Gynecol (OJOG)*. 2012 Nov;2(4). ISSN Print:2160-8792; ISSN Online:2160-8806.
31. Mukherjee T, Flisser E, Copperman AB, Grunfeld L, Sandler B, Barritt J. Preimplantation genetic diagnosis for gender selection: You don't always get what you want. *J Obstet Gynecol*. 2012 Sep;291-297.
32. Luna M, Vela G, McDonald CA, Copperman AB. Results with GnRH antagonist protocols are equivalent to GnRH agonist protocols in comparable patient populations. *J Reprod Med*. 2012 Mar-Apr;57(3-4):123-8. PMID: 22523871.
33. Barritt J, Luna M, Sandler B, Duke M, Copperman AB. Elective oocyte freezing for the preservation of fertility. *J Obstet Gynecol*. 2012 Mar.
34. McDonald CA, Haimowitz Z, DeVenuta A, Reeves C, Copperman AB, Barritt J. Replacing liquid Fyrite with digital to improve in vitro fertilization laboratory quality control procedures. *J Obstet Gynecol*. 2012 Mar.

35. Luna M, Bigelow C, Duke M, Ruman J, Sandler B, Grunfeld L, Copperman AB. Should ICSI be recommended routinely in patients with four or fewer oocytes retrieved? *J Assist Reprod Genet.* 2011 Sep;28(10):911-5. doi: 10.1007/s10815-011-9614-9. PMID: 21792665.
36. McDonald CA, Valluzzo L, Chuang L, Poleshchuk F, Copperman AB, Barritt J. Nitrogen vapor shipment of vitrified oocytes: Time for caution. *Fertil Steril.* 2011 Jun30;95(8):2628-30. doi: 10.1016/j.fertnstert.2011.05.053. PMID: 21704214.
37. Moschini RM, Chuang L, Poleshchuk F, Slifkin RE, Copperman AB, Barritt J. Commercially available enhanced in vitro maturation medium does not improve maturation of germinal vesicle and metaphase I oocytes in standard in vitro fertilization cases. *Fertil Steril.* 2011 Jun30;95(8):2645-7. doi: 10.1016/j.fertnstert.2011.03.094. PMID: 21561612.
38. Izadyar F, Wong J, Maki C, et al. Identification and characterization of repopulating spermatogonial stem cells from the adult human testis. *Hum Reprod.* 2011 Jun;26(6):1236-306. doi: 10.1093/humrep/der026. PMID: 21349855.
39. Copperman AB, Feldman RA. Trends in IVF: Why "patient-friendly" care means less isn't more. *IVF NEWSDirect.* 2011 Apr-Jun;3(2).
40. Grunfeld L, Sandler B, Mukherjee T, Copperman AB. Parental karyotype may reveal the source of a pregnancy loss even in the presence of a reportedly euploid fetal karyotype. *Fertil Steril.* 2011 Mar1;95(3):1120. e9-10. doi: 10.1016/j.fertnstert.2010.10.015. PMID: 21071023.
41. Vela G, Luna M, Barritt J, Sandler B, Copperman AB. Monozygotic pregnancies conceived by in vitro fertilization: Understanding their prognosis. *Fertil Steril.* 2011 Feb;95(2):606-10. doi: 10.1016/j.fertnstert.2010.04.001. PMID: 20522324.
42. Eliyahu E, Shtraizent N, Martinuzzi K, et al. Acid ceramidase improves the quality of oocytes and embryos and the outcome of in vitro fertilization. *FASEB J.* 2010 Apr;24(4):1229-38. doi: 10.1096/fj.09-145508. PMID: 20007509.
43. Vela G, Luna M, Sandler B, Copperman AB. Advances and controversies in assisted reproductive technology. *Mt Sinai J Med.* 2009 Dec;76(6):506-20. doi: 10.1002/msj.20147. PMID: 20014419.
44. Luna M, Finkler E, Barritt J, Bar-Chama N, Sandler B, Copperman AB, Grunfeld L. Paternal age and assisted reproductive technology outcome in ovum recipients. *Fertil Steril.* 2009 Nov;95(5):1772-5. doi: 10.1016/j.fertnstert.2009.05.036. PMID: 19539905.
45. Flisser E, Copperman AB. Why do couples drop-out from IVF treatment? *Hum Reprod.* 2009 Mar;24(3):758-9. doi: 10.1093/humrep/den442. PMID: 19073616.
46. Grunfeld L, Luna M, Sandler B, Mukherjee T, Nagashima Y, Copperman AB. Redefining in vitro fertilization "success": Should triplets be considered failures? *Fertil Steril.* 2008 Oct;90(4):1064-8. doi: 10.1016/j.fertnstert.2007.07.1360. PMID: 17880948.
47. Martinuzzi K, Ryan S, Luna M, Copperman AB. Elevated body mass index (BMI) does not adversely affect in vitro fertilization outcome in young women. *J Assist Reprod Genet.* 2008 May;25(5):169-75. doi: 10.1007/s10815-008-9213-6. PMID: 18425574.
48. Knopman JM, Copperman AB. Endometrial thickness measured by ultrasound scan in women with uterine outlet obstruction due to intrauterine or upper cervical adhesions. *Hum Reprod.* 2008 May;23(5):1234. doi: 10.1093/humrep/den073. PMID: 18367456.
49. Luna M, Copperman AB, Duke M, Ezcurra D, Sandler B, Barritt J. Human blastocyst morphological quality is significantly improved in embryos classified as fast on day 3 ( $\geq$ 10 cells), bringing into question current embryological dogma. *Fertil Steril.* 2008 Feb;89(2):358-63. doi: 10.1016/j.fertnstert.2007.03.030. PMID: 17531231.
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51. Knopman J, Copperman AB. Value of 3D ultrasound in the management of suspected Asherman's Syndrome. *J Reprod Med.* 2007 Nov;52(11):1016-22. PMID: 18161399.
52. Barritt J, Luna M, Duke M, Copperman AB. Perspectives on oocyte research. *Fertil Steril.* 2007 Oct;88(4):1019-20. doi: 10.1016/j.fertnstert.2007.07.1369. PMID: 17920409.
53. Barritt J, Luna M, Duke M, Copperman AB. Ethical issues surrounding the cryopreservation of human oocytes. *Fertil Steril.* 2007 Oct;88(4):1016. doi: 10.1016/j.fertnstert.2007.07.1365. PMID: 17920405.
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55. Flisser E, Scott RT, Copperman AB. Patient-friendly IVF: How should it be defined? *Fertil Steril.* 2007 Sep;88(3):547-9. doi: 10.1016/j.fertnstert.2007.03.055. PMID: 17517396.
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57. Luna M, Grunfeld L, Mukherjee T, Sandler B, Copperman AB. Moderately elevated basal follicle-stimulating hormone levels in young patients predict low ovarian response, but should not be used to disqualify patients from attempting in vitro fertilization. *Fertil Steril.* 2007 Apr;87(4):782-7. doi: 10.1016/j.fertnstert.2006.08.094. PMID: 17207802.
58. Luna M, Duke M, Copperman AB, Grunfeld L, Sandler B, Barritt J. Blastocyst embryo transfer is associated with a sex-ratio imbalance in favor of male offspring. *Fertil Steril.* 2007 Mar;87(3):519-23. doi: 10.1016/j.fertnstert.2006.06.058. PMID: 17118368.
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62. Copperman AB, DeCherney AH. Turn, turn, turn. *Fertil Steril.* 2006 Jan;85(1):12-3. doi: 10.1016/j.fertnstert.2005.07.1297. PMID: 16412719.
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64. German EK, Mukherjee T, Osborne D, Copperman AB. Does increasing ovum donor compensation lead to differences in donor characteristics? *Fertil Steril.* 2001 Jul;76(1):75-9. PMID: 11438322.
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71. Sung L, Mukherjee T, Takeshige T, Bastillo M, Copperman AB. Endometriosis is not detrimental to embryo implantation in oocyte recipients. *J Assist Reprod Genet*. 1997 Mar;14(3):152-6. PMID: 9090558.
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87. Copperman AB, DeCherney AH, Olive DL. A case of endometrial cancer following endometrial ablation for dysfunctional uterine bleeding. *Obstet Gynecol.* 1993 Oct;82(4 Pt 2 Suppl):640-2. PMID: 8377996.
88. Parikh FR, Copperman AB, DeCherney AH. Dyskinetic Cilia Syndrome associated with polycystic kidney disease and primary infertility. *J Obstet Gynecol India.* 1991;7:23-7.
89. Copperman AB, Lavy G, DeCherney AH, Diamond MP. The effect of tubal and ovarian surgery on ovarian function in cycles of controlled stimulation in patients undergoing in vitro fertilization. *Journal of Gynecological Surgery.* 1990;6:263-9.
90. Copperman AB, The Wizard of Oz: An analysis of the evolution of its societal parallels. *Perspective in Biology and Medicine.* 1986;29:475-7.

#### **B. Invited Publications:**

1. Getrajdman C, Lee JA, Copperman AB. "Co-IVF for same-sex female couples." *Semin Reprod Med.* 2017 Sep;35(5):415-419. doi: 10.1055/s-0037-1605380. PMID: 29073679.
2. Bigelow C, Copperman AB. Oocyte cryopreservation for elective preservation of reproductive potential. *Cryopreservation. Katkov I (Ed). CELLTRONIX and Sanford-Burnham Medical Research Institute, USA.* 2011.
3. Fischer C, Copperman AB. Use of 3D ultrasound imaging in evaluation of Asherman's Syndrome. *InTech Open Access Publisher, Vienna, Austria.* 2010.
4. Soto E, Copperman AB. Factors affecting fertility. *Infertility: Gynecology in Practice. Seli E (Ed). Wiley-Blackwell, Oxford, UK.* 2010.
5. Soto E, Copperman AB. Fertility preservation strategies in healthy women. *Fertility Preservation: Emerging Technologies and Clinical Applications. Seli E, Agarwal A (Ed). Humana Press.* 2010.
6. Soto E, Copperman AB. Fertility preservation strategies in healthy women. 2010.
7. Soto E, Copperman AB. Factors affecting fertility. *Infertility: Gynecology in Practice. Wiley-Blackwell.* 2010.
8. Knopman J, Copperman AB. Sisters of women with premature ovarian failure may not be ideal ovum donors. *Donor Egg IVF. Allahbadia GN (Ed). Jaypee Medical Publishers, New Delhi, 1<sup>st</sup> Edition.* 2009.
9. Tham M, Copperman AB. Preservation in fertility prior to treatment for malignancy. *Pediatric, Adolescent and Young Adult Gynecology. Altchek A, Deligdisch L (Ed). Blackwell Publishers.* 2008.
10. Cohen J, Copperman AB. Sisters of women with premature ovarian failure may not be ideal ovum donors. *Donor Egg IVF.* 2006
11. Mendelsohn F, Copperman AB. Endometriosis: A review of current perspectives and pathophysiology. *CME J Gynecol Oncol.* 2003;8:7-15
12. Copperman AB, Mukherjee T, Kase N. Polycystic ovarian syndrome. *Diagnosis and Management of Ovarian Disorders, 2<sup>nd</sup> Edition. Altchek A, Deligdisch (Ed).* 2002.

13. Copperman AB, Stein DE, Corfman R. Induction of monofolliculogenesis in PCOS patients. *Manual of Ovulation Induction. Allahbadia G (Ed)*. 1999.
14. Amaru R, Copperman AB. Ovulation induction and polycystic ovarian syndrome. *Infertility and Reproductive Medicine Clinics of North America. WB Saunders Company, Philadelphia*. 1999.
15. Copperman AB, Berkowitz RL, D'Alton ME. ACOG update, 'Multiple Pregnancy'. *Medical Information Systems, Inc*. 1999
16. Nasser A, Copperman AB, Corfman R. Embryo transfer; what and how many to transfer/ is this step underappreciated as affecting pregnancy outcome? *Infertility and Reproductive Medicine Clinics of North America*. In press. 1998.
17. Copperman AB, Mukherjee T. Extirpative surgery for endometriosis. *Operative Techniques in Gynecological Surgery. Gershenson DM*. 1997;2:96-102.
18. Copperman AB, DeCherney AH. Hysteroscopic resection of uterine leiomyomata and postoperative hemorrhage. *Complications of Endoscopic Procedures: Intra-abdominal and Intrauterine, 2<sup>nd</sup> Edition. Corfman RS, Diamond MP, DeCherney AH. Blackwell Scientific Publications, Inc. Cambridge, Massachusetts*. 1997:231-5.
19. Nasser A, Copperman AB. Effects of endometriosis on assisted reproductive technologies outcome. *Assisted Reproductive Reviews. Williams and Wilkins, Philadelphia, Pennsylvania*. 1997;7(2):71-6.
20. Copperman AB, Bustillo M. Biochemical and sonographic evaluation of the very early intrauterine pregnancy. *Early Pregnancy Biology and Medicine*. 1995:160-18.
21. Copperman AB, Olive DL. Pelvic pain and endometriosis. *Modern Surgical Management of Endometriosis. Nezhat C, Buttram VC, Berger GS, Nezhat F (Ed). Springer-Verlag Publishers, New York, New York*. 1995:37-43.
22. Diamond MP, Copperman AB. Treatment of the abnormal fallopian tube. *Infertility: Evaluation and Treatment. Keye B, Chang J, Rebar R, Soules M (Ed). WB Saunders, Philadelphia, Pennsylvania*. 1995: 37-43.
23. Copperman AB, DeCherney AH. Hysteroscopic resection of uterine leiomyomata and postoperative hemorrhage. *Complications of Endoscopic Procedures: Intra-abdominal and Intrauterine. Corfman RS, Diamond MP, DeCherney AH. Blackwell Scientific Publications, Inc. Cambridge, Massachusetts*. 1992:210-4.
24. Copperman AB, DeCherney AH. Current topics in infertility. *Reproductive Issues in Persons With Physical Disabilities. Haseltine FP, Cole SS, Gray DB (Ed). National Institute of Health. Paul H. Brooks Publishing Company, Baltimore, Maryland*. 1991:257-65.

#### **ABSTRACTS:**

1. Lipov E, Bergin KD, Gounko D, Copperman AB. Are patients assigned a new patient concierge more likely to proceed with treatment? *Poster Presentation, 74<sup>th</sup> Annual Scientific Congress and Expo of the American Society for Reproductive Medicine (ASRM)*. Denver, CO. 2018 Oct6-10.
2. Olivia M, Nazem TG, Lee JA, Godfrey DR, Copperman AB. Evaluating the relationship between low body mass index and IVF outcomes. *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
3. Hernandez-Nieto C, Alkon T, Lee JA, Gounko D, Cervantes E, Copperman AB, Sandler B. Parental heterochromic chromosomal variants are not associated with an increased risk of embryo aneuploidy. *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.

4. Hernandez-Nieto C, Nazem TG, Sekhon L, Genfi A, Lee JA, Bar-Chama N, Copperman AB, Sandler B. Increased body mass index is not correlated with seminal oxidative stress: A prospective analysis. *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
5. Hernandez-Nieto C, Lee JA, Slifkin R, Duke M, Luna M, Copperman AB, Sandler B, Flisser E. Slow growing embryos biopsied on day 7: What are realistic expectations? *Oral Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
6. Hernandez-Nieto C, Lee JA, Gounko D, Cervantes E, Luna M, Copperman AB, Sandler B. The presence of a polymorphism in the maternal MTHFR gene does not correlate with the incidence of embryonic aneuploidy. *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
7. Hernandez-Nieto C, Lee JA, Alkon T, Klein J, Cervantes E, Luna M, Copperman AB, Sandler B. The presence of MTHFR gene polymorphisms is not associated with impaired clinical IVF outcomes after euploid embryo transfer. *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
8. Aharon D, Sekhon L, Luscher Z, Cacchione TA, Lee JA, Grunfeld L, Mukherjee T, Copperman AB. SMN1 heterozygosity is associated with decreased aneuploidy rates. *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
9. Moreta L, Nazem TG, Lee JA, Gounko D, Godfrey DR, Copperman AB, Stein D. Elevated body mass index on reproductive outcomes in donor egg recipients undergoing single euploid embryo transfers. *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
10. Sekhon L, McAvey B, Lee JA, Briton-Jones C, Duke M, Flisser E, Copperman AB. Evaluating IVF and perinatal outcomes following repeat trophoctoderm biopsy. *Oral Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
11. Sekhon L, Herlihy N, Lee JA, Friedman S, Stein D, Copperman AB, Lederman M. Knowledge, attitudes, and concerns of individuals with cancer-predisposing mutations regarding fertility preservation and preimplantation genetic testing. *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
12. Sekhon L, Luscher Z, Nazem TG, Lee JA, Grunfeld L, Copperman AB. Gaucher's disease carriers demonstrate improved art outcome. *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
13. Sekhon L, Aharon D, Cacchione TA, Lee JA, Mukherjee T, Copperman AB. Heterozygous biotinidase deficiency does not impact ovarian reserve, response, or reproductive potential. *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
14. Sekhon L, Luscher Z, Aharon D, Lee JA, Mukherjee T, Copperman AB. Smith-Lemli-Opitz disease carriers have normal ovarian reserve and response to stimulation despite reduced cholesterol biosynthesizing ability. *Oral Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.

15. Sekhon L, Luscher Z, Cacchione TA, Lee JA, Grunfeld L, Copperman AB. Female reproductive function in Wilson's disease carriers: Ovarian reserve and art outcomes are not affected by a single-allele ATP7B mutation. *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
16. Sekhon L, Luscher Z, Change S, Lee JA, Grunfeld L, Copperman AB. The impact of gap junction protein beta-2 (GJB2) heterozygosity on endometrial thickness, embryo transfer outcome and placentation. *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
17. Sekhon L, Ellis E, Nazem TG, Wang Y, Lee JA, Briton-Jones C, Schadt E, Sebra RP, Copperman AB. Understanding the scope and significance of mosaicism in human preimplantation embryos. *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
18. Sekhon L, Lee JA, Wang Y, Briton-Jones C, Schadt E, Sebra RP, Copperman AB. Normal growth versus early developmental arrest of the human embryo: Understanding molecular network perturbations. *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
19. Sekhon L, Allette K, Ellis E, Wang Y, Lee JA, Briton-Jones C, Schadt E, Sebra RP, Copperman AB. The morula stage transcriptome is characterized by marker upregulation of genes that mediate key mitochondrial functions. *Oral Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
20. Herlihy N, Sekhon L, Olivia M, Gounko D, Lee JA, Lekovich J, Lederman M, Copperman AB. How do ovarian reserve and aneuploidy in BRCA carriers compare to that of the general population undergoing art? *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
21. Kudesia R, Lee JA, Copperman AB. The directed sperm donor: An SREI study of physician attitudes and practice pattern variations. *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
22. Slifkin R, Nazem TG, Lee JA, Briton-Jones C, Duke M, Copperman AB. Optimizing embryo development and incubator utilization in a precision IVF laboratory setting. *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
23. Chang S, Sekhon L, Nazem TG, Friedenthal J, Lee JA, Copperman AB. Physician knowledge, attitudes, and practice regarding expanded carrier screening. *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
24. Chang S, Nazem TG, Gounko D, Lee JA, Bar-Chama N, Shamonki JM, Antonelli C, Copperman AB. Eleven year longitudinal study of US sperm donors demonstrates declining sperm count and motility. *Oral Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
25. Chang S, Lee JA, Bar-Chama N, Shamonki JM, Antonelli C, Copperman AB. Racial variation in semen quality from nearly 2,000 US sperm donors. *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.

26. Chang S, Lee JA, Adler S, Bar-Chama N, Shamonki JM, Antonelli C, Copperman AB. The prevalence of sexually transmitted infections in a low-risk gamete donor population. *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
27. Cacchione T, Sekhon L, Nazem TG, Gounko D, Lee JA, Grunfeld L, Copperman AB. Positive classic galactosemia carrier status does not impact ovarian reserve. *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
28. Cacchione T, Herlihy N, Nazem G, Gounko D, Lee JA, Copperman AB. Fertile patients undergoing IVF for PGT-M require more oocyte retrievals than infertile counterparts, but achieve comparable outcomes. *Poster Presentations, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
29. Nazem T, Chang S, Sekhon L, Lee JA, Copperman AB, Mukherjee T. In a cohort of euthyroid infertile women, subtle variations in TSH are not correlated with impaired reproductive outcomes. *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
30. Nazem T, Gounko D, Chang S, Lee JA, Callum P, Bar-Chama N, Shamonki JM, Copperman AB. Introduction of expanded carrier screening by a large sperm bank improves preconceptual care without altering acceptability of sperm donors. *Oral Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
31. Nazem T, Hernandez-Nieto C, Lee JA, Briton-Jones C, Bar-Chama N, Copperman AB. Oligospermia, asthenozoospermia, and teratozoospermia are not associated with morphological trophoctoderm score. *Oral Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10. (2018 ASRM Corporate Member Council In-training Award).
32. Nazem T, Sekhon L, Lee JA, Briton-Jones C, Bar-Chama N, Copperman AB. Seasonal variation of semen quality from over 100,000 analyzed samples. *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
33. Nazem T, Sekhon L, Chang S, Oliva M, Lee JA, Copperman AB. Supraphysiologic levels of steroid hormones during frozen embryo transfer cycles are not associated with ectopic pregnancy risk. *Oral Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
34. Nazem T, Sekhon L, Lee JA, Gounko D, Copperman AB, Stein D. The likelihood of implantation following transfer of a euploid embryo is not correlated with self-reported race. *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
35. Nazem T, Beaumont K, Briton-Jones C, Lee JA, Sebra RP, Copperman AB. Single-cell mitochondrial staining and ribonucleic acid (RNA) sequencing of human blastocysts. *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
36. Nazem T, Chang S, Hernandez-Nieto C, Lee JA, Gounko D, Copperman AB, Stein D. Variations in response to ovarian stimulation, embryo development and euploidy rate among women of different racial backgrounds undergoing in vitro fertilization (IVF). *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.

37. Cohn KH, Wellock C, Miller BT, Hinckley M, Gutmann JN, Benadiva C, Nulsen JC, Letterie G, Hirshfeld-Cytron J, Copperman AB, Beim PY. Predictive models for pregnancy outcomes with non-IVF treatments reveal the protocol choice – not patient-specific factors – are the primary risk for multiple gestations. *Poster Presentation, 34<sup>th</sup> Annual Meeting of the European Society of Human Reproduction and Embryology (ESHRE)*. Barcelona, Spain. 2018 Jul1-4.
38. Hernandez Nieto C, Sekhon L, Gounko D, Lee JA, Copperman AB, Sandler B. Patients with inflammatory bowel disease (IBD) have similar reproductive outcomes compared to the general infertile population. *Poster Presentation, 34<sup>th</sup> Annual Meeting of the European Society of Human reproduction and Embryology*. Barcelona, Spain. 2018 Jul1-4.
39. Sekhon L, Hernandez-Nieto C, Gounko D, Lee JA, Sandler B, Briton-Jones C, Duke MJ, Copperman AB. Factors associated with the reproductive potential of vitrified-warmed, autologous oocytes derived from elective oocyte cryopreservation cycles. *Poster Presentation, 34<sup>th</sup> Annual Meeting of the European Society of Human reproduction and Embryology*. Barcelona, Spain. 2018 Jul1-4.
40. Beaumont K, Copperman AB, Dottino P, Martignetti J, Schadt E, Sebra R. Multi-parameter single cell characterization of ovarian intratumor heterogeneity. *Annual Clinical and Scientific Meeting of the American Congress of Obstetricians and Gynecologists*. Austin TX. 2018 Apr27-30.
41. Sekhon L, Nazem TG, Chang S, Gounko D, Lee JA, Klein J, Copperman AB. Dual trigger with GHRH agonist and low dose HCG leads to adequate luteinization in patients with isolated low basal LH levels. *Poster Presentation, 66<sup>th</sup> Annual Meeting of the Pacific Coast Reproductive Society – Fertility Innovations: 21<sup>st</sup> Century Technologies to Build Healthy Families*. Indian Wells, California. 2018 Mar21-25.
42. Sekhon L, Hernandez-Nieto C, Nazem TG, Chang S, Lee JA, Briton-Jones C, Copperman AB. Molecular evidence demonstrates that anti-mullerian hormone predicts quantity, not quality, of oocytes. *Oral Presentation, 66<sup>th</sup> Annual Meeting of the Pacific Coast Reproductive Society – Fertility Innovations: 21<sup>st</sup> Century Technologies to Build Healthy Families*. Indian Wells, California. 2018 Mar21-25.
43. White M, Sekhon L, Lee JA, Daneyko M, Gounko D, McAvey B, Copperman AB. Does the duration of time between dilation and curettage and single euploid frozen embryo transfer affect clinical outcome? *Poster Presentation, 66<sup>th</sup> Annual Meeting of the Pacific Coast Reproductive Society – Fertility Innovations: 21<sup>st</sup> Century Technologies to Build Healthy Families*. Indian Wells, California. 2018 Mar21-25.
44. Herlihy N, Sekhon L, Nazem T, Lee JA, Copperman N, Mukherjee T, Copperman AB. The predictive value of hyperprolactinemia in detecting prolactin-secreting tumors. *Poster Presentation, 66<sup>th</sup> Annual Meeting of the Pacific Coast Reproductive Society – Fertility Innovations: 21<sup>st</sup> Century Technologies to Build Healthy Families*. Indian Wells, California. 2018 Mar21-25.
45. Rekawek P, Sekhon L, Hernandez-Nieto C, Lee JA, Mella MT, Sandler B, Copperman AB. Ovarian reserve is not compromised in patients with inflammatory bowel disease. *Poster Presentation, 66<sup>th</sup> Annual Meeting of the Pacific Coast Reproductive Society – Fertility Innovations: 21<sup>st</sup> Century Technologies to Build Healthy Families*. Indian Wells, California. 2018 Mar21-25.
46. Chang S, Sekhon L, Lee JA, Gounko D, Grunfeld L, Copperman AB. Management of fluid accumulation within the endometrial cavity during a frozen embryo transfer cycle. *Poster Presentation, 66<sup>th</sup> Annual Meeting of the Pacific Coast Reproductive Society – Fertility Innovations: 21<sup>st</sup> Century Technologies to Build Healthy Families*. Indian Wells, California. 2018 Mar21-25.

47. Chang S, Sekhon L, Hernandez-Nieto C, Lee JA, Gounko D, Bar-Chama N, Copperman AB. Is paternal age associated with embryo aneuploidy? *Poster Presentation, 66<sup>th</sup> Annual Meeting of the Pacific Coast Reproductive Society – Fertility Innovations: 21<sup>st</sup> Century Technologies to Build Healthy Families*. Indian Wells, California. 2018 Mar21-25.
48. Nazem TG, Hernandez-Nieto C, Sekhon L, Lee JA, Gounko D, Sandler B, Copperman AB. Does the number of mature follicles in the ovulation induction cycles at the time of the trigger correlate with multiple gestation rates? *Poster Presentation, 66<sup>th</sup> Annual Meeting of the Pacific Coast Reproductive Society – Fertility Innovations: 21<sup>st</sup> Century Technologies to Build Healthy Families*. Indian Wells, California. 2018 Mar21-25.
49. Nazem TG, Hernandez-Nieto C, Lee JA, Faulkner N, Neitzel D, Flisser E, Copperman AB. Inter-program variation in donor oocyte aneuploidy rate. *Poster Presentation, 66<sup>th</sup> Annual Meeting of the Pacific Coast Reproductive Society – Fertility Innovations: 21<sup>st</sup> Century Technologies to Build Healthy Families*. Indian Wells, California. 2018 Mar21-25.
50. Wang A, Zhang Q, Cohn KH, Westphal L, Benadiva C, Copperman AB, Hirshfeld-Cytron J, Leondires M, Letterie G, Nulsen J, Beim PY. Frozen embryo transfer is superior to fresh transfer of screened, euploid embryos. *Oral Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
51. Hernandez-Nieto C, Nazem TG, Lee JA, Cervantes E, Copperman AB, Sandler B. Clinical factors associated with poor embryo development and cycle cancellation in IVF/PGT cycles. *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
52. Hernandez-Nieto C, Nazem TG, Lee JA, Gounko D, Cervantes E, Copperman AB, Sandler B. Choice of trigger medication does not affect oocyte maturity at retrieval. *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
53. Hernandez-Nieto C, Lee JA, Sekhon L, Luna M, Stein DE, Mukherjee T, Copperman AB, Sandler B. Selective Serotonin reuptake inhibitors exposure prior to ART treatment does not affect blastulation rate. *Oral Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
54. Hernandez-Nieto C, Nazem TG, Lee JA, Luna M, Cervantes E, Copperman AB, Sandler B. Selective serotonin reuptake inhibitors, IVF and PGT. How does exposure affect outcome? *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
55. Hernandez-Nieto C, Nazem TG, Lee JA, Luna M, Copperman AB, Sandler B. Aneuploidy rates are unaffected by choice of trigger medication in human IVF-ET cycles. *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
56. Briton-Jones C, Sekhon L, Lee JA, Feuerstein J, Slifkin R, Duke M, Copperman AB. Targeted next generation sequencing (NGS) identifies higher proportions of monosomies in the larger chromosome groups than QPCR. *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
57. Briton-Jones C, Sekhon L, Lee JA, Feuerstein J, Moschini RA, Duke M, Copperman AB. The mechanics of aneuploidy: Chromosome structure and patient age. *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
58. Pratt C, Ukogu C, Colby AR, Gounko D, Lee JA, Bell M, Daneyko M, Copperman AB, Davis JB. Efficacy of patients self-administered RHCG in ovulation induction cycles. *Oral Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.

59. Aharon D, Sekhon L, Lee JA, Mukherjee T, Ascher-Walsh C, Copperman AB. Does the interval of time between hysteroscopy and embryo transfer affect clinical outcome? *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
60. Levin I, Sekhon L, Nazem TG, Lee JA, Copperman AB, Bell M, Daneyko M, Copperman AB. "How often do patients undergoing IVF with preimplantation genetic screening have an embryo sex preference? *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
61. Cohn KH, Zhang Q, Copperman AB, Beim PY. Leveraging artificial intelligence for more data-driven patient counseling after failed IVF cycles. *Oral Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
62. Sekhon L, Feuerstein JL, Lee JA, Flisser E, Copperman AB, Grunfeld L. A comparison of preimplantation genetic testing (PGT) platforms; targeted next generation sequencing (NGS) results in comparable clinical outcomes despite identifying fewer suitable embryos for transfer. *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
63. Sekhon L, Feuerstein J, Nazem TG, Lee JA, Mukherjee T, Sandler B, Grunfeld L, Copperman AB. Endometrial preparation for FET: Does the duration of estradiol supplementation matter? *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
64. Sekhon L, Briton-Jones C, Lee JA, Slifkin R, Duke M, Copperman AB, Mukherjee T. Blastocyst collapse and downgrading of inner cell mass morphology score after vitrification-warming is predictive of reduced implantation and increased early pregnancy loss. *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
65. Sekhon L, Nazem TG, Lee JA, Briton-Jones C, McAvey B, Copperman AB. The association between aneuploidy and the rate of blastocyst development is age dependent. *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
66. Sekhon L, Nazem TG, Lee JA, Copperman N, Briton-Jones C, Mukherjee T, Copperman AB. Does the number of trophoctoderm cells analyzed by targeted next generation sequencing correlate with the incidence of aneuploid, mosaic, or indeterminate results? *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
67. Sekhon L, Nazem TG, Gounko D, Lee JA, Godfrey DR, Kudesia R, Copperman AB. Elevated body mass index does not impart efficacy of aromatase inhibitors (AI) for ovulation induction. *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
68. Sekhon L, Lee JA, Duke M, Briton-Jones C, Flisser E, Copperman AB. The duration of cryostorage of biopsied embryos neither impacts implantation potential nor surrogate markers of placentation. *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
69. Sekhon L, Nazem TG, Lee JA, Gounko D, Copperman AB, Grunfeld L. Fragile x-carriers with CGG repeats in the intermediate and permutation range exhibit diminished ovarian reserve, but are not at risk of increased embryonic aneuploidy. *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.

70. Sekhon L, Feuerstein J, Nazem TG, Briton-Jones C, Lee JA, Grunfeld L, Copperman AB. The incidence of mosaicism is not associated with advanced maternal age or diminished ovarian reserve. *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
71. Lambertini L, Sau SR, Copperman AB, Hammerstad SS, Yi Z, Lee JA, Zhang W, Tomer Y, Kase N. Intrauterine programming of polycystic ovary syndrome: Evidence from cord blood global methylation analysis. *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
72. Herlihy N, Sekhon L, Oliva M, Nazem TG, Hernandez-Nieto CA, Lee JA, Sandler B, Mukherjee T, Copperman AB. An obstetrical perspective: The benefits of a frozen embryo transfer cycle. *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
73. Herlihy N, Sekhon L, Nazem TG, Hernandez-Nieto CA, Olivia M, Lee JA, Sandler B, Mukherjee T, Copperman AB. Does morphologic grading of embryonic trophoctoderm correlate with quality of placentation and perinatal outcome? *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
74. Yerkes S, Sekhon L, Lee JA, Daneyko M, Copperman AB. Ovum donation in an era of preimplantation genetic testing: How should we counsel patients? *Oral Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
75. Nazem T, Sekhon L, Lee JA, Gounko D, Mukherjee T, Copperman AB. Does a post-surge drop in estradiol ultimately affect embryo implantation in freeze-all cycles? *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
76. Nazem T, Sekhon L, Hernandez-Nieto CA, Lee JA, Gounko D, Sandler B, Copperman AB. Mode of progesterone administration in euploid, single embryo transfer cycles: is there a heterogeneity of patient response? *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
77. Nazem T, Sekhon L, Lee JA, Overbey J, Pan S, Duke M, Briton-Jones C, Copperman AB. In an era of euploid single embryo transfers: Does oocyte age matter? *Oral Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
78. Nazem T, Sekhon L, Hernandez-Nieto C, Lee JA, Briton-Jones C, Copperman AB, Stein DE. Chronological age is better than physiological age at predicting likelihood of producing euploid embryos. *Present Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
79. Nazem T, Chang S, Morcos H, Lee JA, Thornton K, Copperman AB, McAvey B. Family planning for same sex female couples: Defining the role of ovulation induction in donor intrauterine insemination cycles. *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
80. Nazem T, Sekhon L, Lee JA, Overbey J, Pan S, Whitehouse M, Duke M, Briton-Jones C, Copperman AB, Stein DE. How does morphologic assessment correlate with implantation of euploid embryos? *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.

81. Nazem T, Chang S, Sekhon L, Lee JA, Gounko D, Copperman AB, McAvey B. Do same sex couples and single women undergoing ovulation induction with oral agents and intrauterine insemination have outcomes comparable to infertile heterosexual couples? *Oral Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
82. Nazem T, Lee JA, Witkin G, Thorton K, Davis JB, Copperman AB, Kudesia R. A survey of preconceptual stress and strategy for health optimization to give back control to an infertile population. *Poster Presentation, 73<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
83. Cohn KH, Glazner C, Tan L, Widra E, Leondires M, Miller B, Benadiva C, Nulsen J, Letterie G, Copperman AB, Beim PY. Applying data-driven approaches to develop a novel ovarian reserve score that leverages underlying relationships between distinct markers of ovarian reserve. *Oral Presentation, 34<sup>th</sup> Annual Meeting of the European Society of Human Reproduction and Embryology*. Geneva, Switzerland. 2017 Jul2-5.
84. Cohn KH, Zhang Q, Tan L, Widra E, Leondires MP, Miller BT, Benadiva C, Nulsen J, Letterie G, Copperman AB, Beim PY. Evaluation of 15,788 in vitro fertilization (IVF) cycles for predictive value of anti-Mullerian hormone (AMH) levels on clinically usable embryos and ongoing pregnancy. *Poster Presentation, 34<sup>th</sup> Annual Meeting of the European Society of Human Reproduction and Embryology*. Geneva, Switzerland. 2017 Jul2-5.
85. Kudesia R, Gounko D, Lee JA, Copperman AB. Can high markers of ovarian reserve overcome the usual age-related decline in euploidy in IVF-PGS cycles in women over 40. *Poster Presentation, 34<sup>th</sup> Annual Meeting of the European Society of Human Reproduction and Embryology*. Geneva, Switzerland. 2017 Jul2-5.
86. Winoker J, Lee JA, Whitehouse M, Copperman AB, Bar-Chama N. Optimal sperm morphology can optimize reproduction potential in females of advanced aged during IUI protocols. *AUA Annual Meeting*. Boston, MA. 2017 May12-16.
87. Winoker J, Lee JA, Whitehouse M, Copperman AB, Bar-Chama N. Analysis of >23,000 IUI cycles: correlating sperm strict Kruger morphology with cycle pregnancy outcomes. *AUA Annual Meeting*. Boston, MA. 2017 May12-16.
88. Kudesia R, Bhasin D, Lee JA, Daneyko M, Collura B, Copperman AB. Voicing the needs: the experience of fertility care in the united states. *Poster Presentation, Annual Clinical Meeting of ACOG*. San Diego, CA. 2017, May6-9.
89. Aharon D, Sekhon L, Rodriguez-Purata J, Lee JA, Slifkin R, Briton-Jones C, Duke M, Flisser E, Copperman AB. Is reproductive potential compromised when embryos are re-biopsied? *Poster Presentation, 65<sup>th</sup> Annual Meeting of the Pacific Coast Reproductive Society – Advances in Reproductive Medicine: Oasis or Mirage?* Indian Wells, CA. 2017 Mar22-26.
90. Shaia K, Sekhon L, Lee JA, Muhkerjee T, Grunfeld L, Sandler B, Copperman AB. Is there more to the story than an euploidy: Uncovering factors associated with early pregnancy loss following euploid embryo transfer. *Poster Presentation, 65<sup>th</sup> Annual Meeting of the Pacific Coast Reproductive Society – Advances in Reproductive Medicine: Oasis or Mirage?* Indian Wells, CA. 2017 Mar22-26.
91. Nazem T, Rodriguez-Purata J, Sekhon L, Hernandez-Nieto C, Lee JA, Copperman AB, Sandler B. Patients undergoing preimplantation genetic diagnosis (PGD) for a single gene disorder (SGD) may benefit from including preimplantation genetic screening (PGS) for aneuploidy. *Poster Presentation, 65<sup>th</sup> Annual Meeting of the Pacific Coast Reproductive Society – Advances in Reproductive Medicine: Oasis or Mirage?* Indian Wells, CA. 2017 Mar22-26.

92. Nazem T, Rodriguez-Purata J, Sekhon L, Hernandez-Nieto C, Lee JA, Copperman AB, Sandler B. A robust progesterone (P4) rise post-surge is indicative of adequate luteinization and confers improved pregnancy outcomes even in the presence of a post-trigger fall in estradiol (E2). *Poster Presentation, 65<sup>th</sup> Annual Meeting of the Pacific Coast Reproductive Society – Advances in Reproductive Medicine: Oasis or Mirage?* Indian Wells, CA. 2017 Mar22-26.
93. Herlihy N, Sekhon L, Connolly K, Rodriguez-Purata J, Lee JA, Sandler B, Copperman AB. Histopathological evaluation of placentas from pregnancies resulting from fresh versus frozen embryo transfers. *65<sup>th</sup> Annual Meeting of the Pacific Coast Reproductive Society – Advances in Reproductive Medicine: Oasis or Mirage?* Indian Wells, CA. 2017 Mar22-26.
94. Hernandez-Nieto C, Rodriguez- Purata J, Sekhon L, Lee JA, Whitehouse MC, Copperman AB, Sandler B. Mendel's' Law of Segregation validated through preimplantation genetic diagnosis. *Poster Presentation, 65<sup>th</sup> Annual Meeting of the Pacific Coast Reproductive Society – Advances in Reproductive Medicine: Oasis or Mirage?* Indian Wells, CA. 2017 Mar22-26.
95. Connolly KA, Sekhon L, Herlihy N, Copperman AB, Strong NK. Differences in fetal weight following fresh versus frozen single embryo transfer. *ePoster Presentation, AIUM Convention.* Lake Buena Vista, FL. 2017 Mar25-29.
96. Sekhon L, Rodriguez-Purata J, Lee JA, Whitehouse MC, Copperman AB. Methotrexate treatment of ectopic pregnancy does not impact ovarian reserve or clinical outcome, regardless of the duration of time since exposure. *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine.* Salt Lake City, UT. 2016 Oct18.
97. Cohn KH, Wu H, Schnorr J, Arredondo F, Miller B, Leondires MP, Gutmann J, Weckstein L, Nulsen J, Katz SE, Lin PC, Copperman AB, Widra EA, Beim PY. Successive single embryo transfer cycles lead to reduced risk without compromising success rates in women under 38. *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine.* Salt Lake City, UT. 2016 Oct18.
98. Nonez H, Rodriguez-Purata J, Lee JA, Whitehouse MC, Slifkin R, Moschini RA, Duke M, Copperman AB, Sandler B, Briton-Jones C. Aneuploidy rates are not increased in patients with recurrent pregnancy loss. *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine.* Salt Lake City, UT. 2016 Oct18.
99. Rodriguez-Purata J, Sekhon L, Lee JA, Whitehouse MC, Copperman AB, Sandler B. Fertility outcomes in women with Hypopituitarism (HP) who undergo ART treatment. *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine.* Salt Lake City, UT. 2016 Oct18.
100. 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? *72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine.* Salt Lake City, UT. 2016 Oct18.
101. Lim RM, Silver AJ, Silver MJ, Lee JA, Yerkes S, Morriss AM, Silver LM, Copperman AB. Clinical utility of virtual progeny analytics in assessing reproductive disease risk. *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine.* Salt Lake City, UT. 2016 Oct18.
102. Rodriguez-Purata J, Santistevan A, Sekhon L, Lee JA, Cohn KH, Mukherjee T, Sandler B, Beim PY, Copperman AB. 1+1>2: A cost effectiveness analysis of single embryo transfer with PGS in two successive cycles versus a double embryo transfer with PGS in one. *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine.* Salt Lake City, UT. 2016 Oct18.

103. Sekhon L, Herlihy N, Rodriguez-Purata J, Lee JA, Whitehouse MC, McAvey B, Grunfeld L, Mukherjee T, Sandler B, Copperman AB. The predictive value of the first serum HCG level following transfer of a single, euploid, frozen embryo transfer. *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
104. 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? *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
105. Sekhon L, Kon M, Rodriguez-Purata J, Lee JA, McAvey B, Copperman AB. Are early morphokinetic parameters predictive of monozygotic splitting after a single embryo transfer? *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
106. Slifkin R, Rodriguez-Purata J, Sekhon L, Lee JA, Whitehouse MC, Copperman AB, Sandler B, Duke M. Does vitrification day matter: euploid embryos with identical day 5/6 morphology grade and frozen embryo transfer cycle outcomes. *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
107. 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. *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
108. Rodriguez-Purata J, Sekhon L, Lee JA, Whitehouse MC, Mukherjee T, Sandler B, Copperman AB. Technological advancements translate to bigger babies: An 11 year trend in ART outcome at a single practice. *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
109. Sekhon L, Aharon D, Herlihy N, Rodriguez-Purata J, Lee JA, Sandler B, Stein DE, Copperman AB. Fresh versus frozen euploid embryo transfer into a synthetically prepared endometrial cavity: Examining the effect of blastocyst vitrification on cycle outcome. *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
110. Sekhon L, Herlihy N, Rodriguez-Purata J, Lee JA, Sandler B, Stein DE, Copperman AB. Vitrification and thawing of preimplantation embryos does not affect perinatal outcome. *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
111. Kudesia R, Bhasin D, Lee JA, Briton-Jones C, Daneyko M, Collura B, Copperman AB. How can we make a good experience even better: Ways to enhance the fertility journey. *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
112. Sekhon L, Nazem TG, Zgodic A, Cohn KH, Wu H, Grunfeld L, Beim PY, Copperman AB. The degrees which PGS increases IVF efficiency is correlated with increased maternal age. *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
113. Rodriguez-Purata J, Sekhon L, Lee JA, Luna M, Mukherjee T, Copperman AB, Sandler B. Lack of progesterone rise post-trigger correlates with sub-optimal clinical outcomes despite normal fertilization rate. *72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.

114. Sekhon L, Rodriguez-Purata J, Lee JA, Briton-Jones C, Copperman AB. Are reproductively competent blastocysts with poor morphological grade at an increased risk for adverse perinatal outcome? *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
115. Santistevan A, Cohn KH, Schnorr J, Arredondo F, Miller B, Leondires MP, Gutmann J, Weckstein L, Katz SE, Nulsen J, Lin PC, Copperman AB, Widra EA, Beim PY. Development of personalized predictive models for non-IVF and IVF procedures in lesbian and single women sheds light on applicability of infertility biomarkers to women of unknown fertility status. *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
116. Rodriguez-Purata J, Sekhon L, Lee JA, Whitehouse MC, Cervantes E, Luna M, Briton-Jones C, Mukherjee T, Copperman AB, Sandler B. A high prevalence of abnormal embryos after an IVF/PGS cycle should not deter patients from pursuing a second cycle. *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
117. Rodriguez-Purata J, Sekhon L, Lee JA, Whitehouse MC, Slifkin R, Duke M, Briton-Jones C, Copperman AB, Sandler B. Fertilization rates are not improved by use of ICSI versus conventional insemination in IVF cases using donor sperm. *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
118. Alper MM, Matin M, French B, Widra EA, Copperman AB, Levy M, Lee JA, Granger SW, Rooney K, Sakkas D. Blind validation of estrogen monitoring in controlled ovarian stimulation IVF cycles using a 'patient-friendly' saliva based estradiol assay. *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
119. Sekhon L, Rodriguez-Purata J, Lee JA, Grunfeld L, Copperman AB. Extending ovarian stimulation if patients who are slow to respond: Does persistence pay off?" *72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
120. Sekhon L, Shaia K, Rodriguez-Purata J, Lee JA, Copperman AB. Does fresh embryo transfer accentuate the perinatal risks of dichorionic twin gestations? *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
121. 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). *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
122. Sekhon L, Connolly K, Herlihy N, Rodriguez-Purata J, Lee JA, Copperman AB. Perinatal outcomes in live births from fresh versus frozen single embryo transfers. *Oral Presentations, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
123. Rodriguez-Purata J, Sekhon L, Lee JA, Whitehouse MC, Cervantes E, Luna M, Mukherjee T, Copperman AB, Sandler B. Is the incidence of retained embryos similar in fresh versus frozen ETs? *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
124. Sekhon L, Shaia K, Rodriguez-Purata J, Lee JA, Grunfeld L, Copperman AB. The presence of a thin endometrial stripe in extremely low BMI patients is not associated with lower implantation rates. *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.

125. Ganza AL, Whitehouse MC, Lee JA, Govern PGM, Bar-Chama N, Copperman AB, Stein DE. Male factor infertility and aneuploidy: Do couples with male factor infertility have a lower rate of euploid embryos. *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
126. Rodriguez-Purata J, Sekhon L, Lee JA, Whitehouse MC, Slifkin R, Flisser E, Duke M, Copperman AB, Sandler B, Bar-Chama N. Does severe teratozoospermia correlate to embryonic aneuploidy rates? *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
127. Berro R, Parfitt D, Arunajadai S, Clementi C, Kalmbach K, Miller B, Gutmann J, Arredondo F, Copperman AB, Beim PY. The disruption of genes involved in oogenesis is significantly associated with longer time of failure to achieve live birth in patients undergoing IVF. *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
128. Sekhon L, Rodriguez-Purata J, Lee JA, Briton-Jones C, Copperman AB. Sexual dimorphism and implantation potential: Is there a difference? *Oral Presentation, 72<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
129. Rodriguez-Purata J, Sekhon L, Lee JA, Whitehouse MC, Copperman AB, Sandler B. FET in the cycle immediately after IVF/Cryo all with preimplantation genetic screening results higher implantation rate and decreased early pregnancy loss rate compared to deferred FET. *Poster Presentation, 32<sup>nd</sup> Annual Meeting of European Society of Human Reproduction and Embryology*. Helsinki, Finland. 2016 Jul3-6.
130. Gingold JA, Rodriguez-Purata J, Whitehouse MC, Lee JA, Copperman AB. Suppressed thyroid stimulating hormone (TSH) levels associate to decreased IVF gonadotropin dose requirements. *Poster Presentation, 2016 Annual American Congress of Obstetricians and Gynecologists*. Washington, DC. 2016 May14-17.
131. Gingold JA, Sekhon L, Whitehouse MC, Lee JA, Rodriguez-Purata J, Copperman AB. What is the ideal interval for re-testing anti-Mullerian hormone (AMH) levels in an infertility population? *Poster Presentation, 2016 Annual American Congress of Obstetricians and Gynecologists*. Washington, DC. 2016 May14-17.
132. Esman R, Lee JA, Yeshua Arielle, Levine J, Godfrey D, Copperman AB. Is there an association in humans between maternal BMI and the likelihood of a male versus a female embryo implanting? *Poster Presentation, 2016 Annual American Congress of Obstetricians and Gynecologists*. Washington, DC. 2016 May14-17.
133. Gingold JA, Rodriguez-Purata J, Whitehouse MC, Lee JA, Copperman AB. Suppressed thyroid stimulating hormone (TSH) levels associate to decreased IVF gonadotropin dose requirements. *ePoster Presentation, 2016 Annual American Congress of Obstetricians and Gynecologists*. Washington, DC. 2016 May14-17.
134. Zafman K, Sabo M, Thake E, Lee JA, Copperman AB, Mukherjee T. Patients undergoing assisted reproductive technology (ART) treatments seek integrative approach to infertility. *Poster Presentation, 2016 Annual American Congress of Obstetricians and Gynecologists*. Washington, DC. 2016 May14-17.
135. Sekhon L, Lee JA, Mehta S, Mukherjee T, Sandler B, Copperman AB. Are euploid embryos less likely to result in ectopic implantation? *Oral Presentation, 2016 Annual American Congress of Obstetricians and Gynecologists*. Washington, DC. 2016 May14-17.
136. Zafman K, Sabo M, Thake E, Lee JA, Copperman AB, Mukherjee T. Patients undergoing assisted reproductive technology (ART) treatments seek integrative approach to infertility. *ePoster Presentation, 2016 Annual American Congress of Obstetricians and Gynecologists*. Washington, DC. 2016 May14-17.

137. Gingold JA, Sekhon L, Whitehouse MC, Lee JA, Rodriguez-Purata J, Copperman AB. What is the ideal interval for re-testing anti-Mullerian hormone (AMH) levels in an infertility population? *ePoster Presentation, 2016 Annual American Congress of Obstetricians and Gynecologists*. Washington, DC. 2016 May14-17.
138. Rodriguez-Purata J, Whitehouse MC, Lee JA, Sekhon L, Costigan K, Mukherjee T, Sandler B, Copperman AB, Bar-Chama N. Is there a correlation between teratozoospermia and embryonic aneuploidy? *Oral Presentation, 2016 Annual Meeting of the American Urological Association*. San Diego, CA. 2016 May6-10.
139. Sekhon L, Mukherjee T, Moschini RM, Rodriguez-Purata J, Lee JA, Briton-Jones C, Copperman AB. Preimplantation genetic testing of embryos in donor egg cycles is associated with a decrease in the number of embryos transferred and an improved implantation rate. *Oral Presentation, 2016 Annual Meeting of the Pacific Coast Reproductive Society*. Palm Springs, CA. 2016 Mar9-13.
140. Vallejo V, Briton-Jones C, Lee JA, Rodriguez-Purata J, Whitehouse MC, Sandler B, Copperman AB. Blastocyst quality and euploidy rate in couples with balanced translocations after undergoing an IVF-PGD cycle: A 10-year experience in a single infertility center. *Poster Presentation, 2016 Annual Meeting of the Pacific Coast Reproductive Society*. Palm Springs, CA. 2016 Mar9-13.
141. Parfitt D, HU-Seliger T, Burnett B, Miller BT, Gutmann JN, Arredondo F, Copperman AB, Beim PY. No longer unexplained: Whole genome sequencing reveals subclinical drivers of infertility. *Poster Presentation, 71<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine*. Baltimore, MD. 2015 Oct17-21.
142. Karvir H, Wu H, Parfitt D, Cohn HK, Miller BT, Gutmann JN, Arredondo F, Copperman AB, Beim YP. Data-mining the clinical determinants of successful oocyte-to-embryo transition in humans. *Poster Presentation, 71<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine*. Baltimore, MD. 2015 Oct17-21.
143. Zgodic A, Karvir H, Parfitt D, Globus ST, Copperman AB, Beim YP. Patient treatment journeys, then and now: 10 years of clinical progress? *Oral Presentation, 71<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine*. Baltimore, MD. 2015 Oct17-21.
144. Lee JA, Karvir H, Beim YP, Copperman AB. Optimizing gonadotropin stimulation to maximize the likelihood of obtaining euploid embryos. *Oral Presentation, 71<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine*. Baltimore, MD. 2015 Oct17-21.
145. Rodriguez-Purata J, Lee JA, Whitehouse MC, Luna M, Cervantes E, Copperman AB, Sandler B, Mukherjee T. What is the ideal starting dose for patients utilizing letrozole for ovulation induction (OI)? Analysis of 4,251 cycles. *Poster Presentation, 71<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine*. Baltimore, MD. 2015 Oct17-21.
146. Rodriguez-Purata J, Bardo Y, Lee JA, Sandler B, Copperman AB, Grunfeld L, Mukherjee T. Prophylactic cervical dilation for patients with a history of difficult embryo transfers: Simple day 3 solution. *Poster Presentation, 71<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine*. Baltimore, MD. 2015 Oct17-21.
147. Rodriguez-Purata J, Lee JA, Cervantes E, Luna M, Grunfeld L, Mukherjee T, Copperman AB, Sandler B. Optimal treatment strategy for the patient with DOR: Estrogen priming protocol versus microflare. *Poster Presentation, 71<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine*. Baltimore, MD. 2015 Oct17-21.
148. Rodriguez-Purata J, Luna M, Cervantes E, Lee JA, Whitehouse MC, Copperman AB, Sandler B. Very low level of anti-Mullerian hormone (AMH) in a large cohort of assisted reproductive technology (ART) patients. *Poster Presentation, 71<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine*. Baltimore, MD. 2015 Oct17-21.

149. Rodriguez-Purata J, Gingold JA, Lee JA, Whitehouse MC, Cervantes E, Luna M, Duke M, Copperman AB, Sandler B. Implantation rates are not affected by the transfer of completely hatched (gardner expansion) embryo after trophectoderm biopsy. *Oral Presentation, 71<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
150. Rodriguez-Purata J, Gingold JA, Whitehouse MC, Lee JA, Copperman AB. Do elevated TSH levels predict early pregnancy loss in ART patients. *Poster Presentation, 71<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
151. Rodriguez-Purata J, Lee JA, Whitehouse MC, Luna M, Copperman AB, Sandler B. Slower blastocysts demonstrate lower implantation rates due to embryo-endometrial asynchrony and not by reduced embryonic competence. *Poster Presentation, 71<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
152. Gingold JA, Whitehouse MC, Gerson M, Parsons S, Lee JA, Copperman AB, Bar-Chama N. Male partner sexual abstinence less than 2 or greater than 7 days is not associate with increased aneuploidy rate. *Oral Presentation, 71<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
153. Gingold JA, Whitehouse MC, Lee JA, Parsons S, Bar-Chama N, Copperman AB. Male partner age is not associated with increased rate of embryonic aneuploidy. *Oral Presentation, 71<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
154. Gingold JA, Whitehouse MC, Lee JA, VanWort T, Daneyko M, Mukherjee T, Copperman AB. Assessing trends in embryo gender after PGS: Are there male or female progeny-dominant couples? *Poster Presentation, 71<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
155. Gingold JA, Knopman J, Talebian S, Whitehouse MC, Lee JA, Copperman AB. Patients with low then normal AMH measurements demonstrate ovarian reserve comparable to those with two normal measurements. *Poster Presentation, 71<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
156. Gingold JA, Rodriguez-Purata J, Whitehouse MC, Lee JA, Sandler B, Copperman AB. Does complete hatching at the time of thaw negatively affect pregnancy rates? *Poster Presentation, 71<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
157. Sekhon L, Lee JA, Whitehouse MC, Mukherjee T, Sandler B, Grunfeld L, Copperman AB. Using new technology to ask an old question: Does the uterus age? *Poster Presentation, 71<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
158. Moschini RMA, Whitehouse MC, Rodrigues-Purata J, Lee JA, Slifkin R, Sandler B, Copperman AB, Duke M. Does elapsed total time from biopsy to vitrification and warming to transfer of a euploid embryo affect pregnancy outcome? *Poster Presentation, 71<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
159. Parsons S, Lee JA, Copperman AB, Bar-Chama N. Pregnancy rates of fresh versus cryopreserved sperm obtained by percutaneous testicular biopsy in men with obstructive azoospermia is dependent on female age. *Oral Presentation, 71<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
160. Yerkes S, Rodriguez-Purata J, Lee JA, Whitehouse MC, Daneyko M, Sandler B, Copperman AB. The prevalence of abnormal mammograms in ovum recipients does not correlate with recipient age. *Oral Presentation, 71<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*

161. Yerkes S, Reis H, Lee JA, Copperman AB, Witkin G. Can personality traits predict the likelihood of donor successfully completing a donation cycle? *Poster Presentation, 71<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
162. Bardos J, Rodriguez-Purata J, Lee JA, Knopman J, Grunfeld L, Sandler B, Copperman AB, Mukherjee T. Euploid single embryo transfer with comprehensive chromosome screening: Fresh versus frozen outcomes. *Oral Presentation, 71<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
163. Bardos J, Rodriguez-Purata J, Whitehouse MC, Lee JA, Sandler B, Copperman AB. Optimal endometrial preparation for frozen embryo transfer (FET) of screened embryos is independent of follicular phase length. *Oral Presentation, 71<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
164. Hu-Seliger T, Parfitt DE, Stong N, Burnett B, Globus ST, Copperman AB, Beim PY. Whole genome sequencing reveals the complex etiology of primary ovarian insufficiency. *Oral Presentation, 31<sup>st</sup> Annual Meeting of the European Society of Human Reproduction and Embryology. Lisbon, Portugal. 2015 Jul14-17.*
165. Karvir H, Parfitt DE, Gorelick A, Elashoff M, Arrodoondo F, Guttmann J, Copperman AB, Beim PY. Personalized IVF outcome predictions provide more optimistic and precise outlooks than age-based national averages. *Poster Presentation, 31<sup>st</sup> Annual Meeting of the European Society of Human Reproduction and Embryology. Lisbon, Portugal. 2015 Jul14-17.*
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168. Gingold JA, Lee JA, Whitehouse M, Rodriguez-Purata J, Sandler B, Copperman AB. Max day 3 FSH predicts reproductive outcome better than same cycle FSH levels: Waiting for a 'good month' conveys minimal benefit. *Poster Presentation, 70<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine. Honolulu, HI. 2014 Oct19-23.*
169. Schuman L, Bergin K, Witkin G, Lee JA, Copperman AB. Women pursuing oocyte cryopreservation for non-medical purposes are more likely to achieve  $\geq 10$  oocytes if their FSH is  $<11$ , regardless of age." *Poster Presentation, 70<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine. Honolulu, HI. 2014 Oct19-23.*
170. Rodriguez-Purata J, Lee JA, Whitehouse MC, Mukherjee T, Grunfeld L, Sandler B, Copperman AB. Embryo selection versus natural selection: How do comprehensive chromosome screening (CCS) outcomes compare to analysis of products of conception (POC) from early pregnancy loss (D&C). *Poster Presentation, 70<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine. Honolulu, HI. 2014 Oct19-23.*
171. Rodriguez-Purata J, Luna M, Lee JA, Whitehouse MC, Cervantes E, Duke M, Mukherjee T, Grunfeld L, Copperman AB, Sandler B. Serum anti-Mullerian hormone (AMH) levels do not predict embryo ploidy after comprehensive chromosomal screening (CCS) of Trophoctoderm cells during preimplantation genetic screening (PGS). *Poster Presentation, 70<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine. Honolulu, HI. 2014 Oct19-23.*
172. Sekhon L, Lee JA, Whitehouse M, Copperman AB, Grunfeld L. Letrozole as an adjunct in GHRH antagonist cycles improves IVF outcome in poor responders. *Poster Presentation, 70<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine. Honolulu, HI. 2014 Oct19-23.*

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174. Gorelick AN, Karvir HV, Elashoff M, Parfitt DE, Copperman AB, Beim PY. Obesity has a greater impact on IVF success rates in patients with PCOS. *Oral Presentation, 70<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine*. Honolulu, HI. 2014 Oct19-23.
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178. Schuman L, Bergin K, Witkin G, Lee JA, Copperman AB. A 9-year analysis of trends in ovarian response to stimulation in elective oocyte cryopreservation and in vitro fertilization patients. *Oral Presentation, 70<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine*. Honolulu, HI. 2014 Oct19-23.
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180. Witkin G, Lee J, Rekawek P, Tran A, Grunfeld L, Copperman AB. Beauty, brains, or health: Trends in ovum recipient requirements. *Poster Presentation, 70<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine*. Honolulu, HI. 2014 Oct19-23.
181. Sekhon L, Cervantes E, Knopman JM, Sandler B, Copperman AB, Grunfeld L. Transfer of frozen embryos in the cycle following a failed ART cycle does not require down regulation to achieve adequate endometrial preparation as luteinizing hormone is suppressed by estradiol. *Poster Presentation, 69<sup>th</sup> Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
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183. Lee JA, Witkin G, Smith S, Knopman JM, Grunfeld L, Copperman AB. Same sex female couples undergoing IVF with their partner's eggs (Co-IVF): Pathways to parenthood. *Poster Presentation, 69<sup>th</sup> Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
184. Mukherjee T, Duke M, Copperman AB, Sandler B, Moschini RMA, Grunfeld L. Universal implementation of extended culture and efficient embryology enhance patient outcomes. *Poster Presentation, 69<sup>th</sup> Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.

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187. Cervantes E, Luna M, Slifkin R, Duke M, Sandler B, Copperman AB. Does delayed embryonic expansion correlate with aneuploidy as identified by comprehensive chromosomal screening? *Poster Presentation, 69<sup>th</sup> Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
188. Cervantes E, Lee JA, Duke M, Slifkin R, Sandler B, Copperman AB. Morphological assessment of human blastocyst on day 5 and day 6: Which day is more associated to comprehensive chromosome screening results? *Poster Presentation, 69<sup>th</sup> Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
189. VanWort T, Esmaili A, Lee JA, Whitehouse M, Bar-Chama N, Copperman AB. Female cystic fibrosis carriers and assisted reproductive technologies – is there a correlation between mutation loci and response to in vitro fertilization stimulation? *Oral Presentation, 69<sup>th</sup> Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
190. Klein JU, Lee JA, Styne A, Knopman JM, Whitehouse M, Copperman AB. Premature progesterone rise negatively affects oocyte donation outcomes. *Poster Presentation, 69<sup>th</sup> Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
191. Luna M, Cervantes E, Lee JA, Whitehouse M, Sandler B, Copperman AB. Comprehensive chromosomal screening of embryos demonstrates that biochemical pregnancies may not be the result of aneuploidy. *Poster Presentation, 69<sup>th</sup> Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
192. Duke M, Mukherjee T, Slifkin R, Zheng W, Sandler B, Copperman AB. Implantation of euploid embryos may be enhanced by transfer into an unstimulated endometrial environment. *Oral Presentation, 69<sup>th</sup> Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
193. Mukherjee T, Duke M, Copperman AB, Sandler B, Moschini R, Grunfeld L. Universal implementation of extended culture and efficient embryology enhance patient outcomes. *Oral Presentation, 69<sup>th</sup> Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
194. Elashoff M, Karvir H, Chodroff R, Lee JA, Copperman AB, Beim PY. Patients discontinue assisted reproductive technology (ART) too early: The results of a large multiyear cohort study. *Oral Presentation, 69<sup>th</sup> Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
195. Elashoff M, Karvir H, Chodroff R, Lee JA, Copperman AB, Beim PY. Accurate prediction of the number of cycles to achieve live birth. *Poster Presentation, 69<sup>th</sup> Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
196. Karvir H, Lee JA, Elashoff M, Chodroff R, Copperman AB, Beim PY. *Improved determination of ectopic pregnancy risk in patients undergoing in vitro fertilization treatment using time-to-event models. Poster Presentations, 69<sup>th</sup> Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
197. Beim PY, Hu-Seliger T, Elashoff M, Chodroff R, Lee JA, Copperman AB. Whole genome sequencing for female infertility biomarker discovery. *Oral Presentation, 69<sup>th</sup> Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.

198. Copperman AB. Developments in egg freezing: Medical, psychological and ethical perspectives. *Oral Presentation (Symposium), 69<sup>th</sup> Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
199. Godfrey D, Nedergger V, Esmaeili A, Lee JA, Sandler B, Copperman AB. Assisted reproductive registered dietician assessment: Does prior alcohol intake affect a women's cycle outcome? *Oral Presentation, 69<sup>th</sup> Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
200. Knopman J, Whitehouse MC, Smith S, Lee JA, Copperman AB. Concierge care to deliver timely oocyte cryopreservation in an oncofertility population. *Poster Presentation, Oncofertility Conference*. Chicago IL. 2013 Sept9-10.
201. Reeves C, Duke M, Grunfeld L, Sandler B, Mukherjee T, Copperman AB. Vitrified embryos are vulnerable to temperature change. *Poster Presentation, 61<sup>st</sup> Annual Meeting for Pacific Coast Reproductive Society*. Palm Springs, CA. 2013 Apr.
202. Lee JA, Copperman AB, Keene S, Savisky S, Cervantes E, Barritt J. Sperm function is not affected by prolonged exposure to cellphones and Wi-Fi. *Poster Presentation, 61<sup>st</sup> Annual Meeting for Pacific Coast Reproductive Society*. Palm Springs, CA. 2013 Apr.
203. Lee JA, Cohen J, Karvir H, Beim PY, Barritt J, Copperman AB. Using machine learning algorithms to identify risk factors correlated with ectopic pregnancies at a large IVF program. *Poster Presentation, 61<sup>st</sup> Annual Meeting for Pacific Coast Reproductive Society*. Palm Springs, CA. 2013 Apr.
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205. Sekhon L, Grunfeld L, Duke M, Copperman AB. Same-day transfer of thawed embryos after trophoctoderm biopsy for comprehensive chromosome screening (CCS). *Poster Presentation, 61<sup>st</sup> Annual Meeting for Pacific Coast Reproductive Society*. Palm Springs, CA. 2013 Apr.
206. Lee JA, Barritt J, Paul D, Martinez H, Egli D, Copperman AB. Developmental potential of late maturing human oocytes after parthenogenic artificial activation. *Oral Presentation, American Society for Reproductive Medicine*. 2012 Oct22-24.
207. Coton H, Acosta M, Lee JA, Whitehouse M, Grunfeld L, Copperman AB. Nurses make the difference: Vigilant communication may help patients with severe OHSS avoid medical intervention. *Oral Presentation, American Society for Reproductive Medicine*. 2012 Oct22-24.
208. Lee Ja, Whitehouse M, Copperman AB, Barritt J. Be careful what you inject, as late maturing oocytes only abate your rates: Developmentally young oocytes are not ready for the needle. *Oral Presentation, American Society for Reproductive Medicine*. 2012 Oct22-24.
209. Lee JA, Barritt J, Duke M, Sandler B, Mukherjee T, Copperman AB. The progression of PGS, technological advancements and application improves implantation and clinical pregnancy rates by enhancing diagnostic accuracy in identifying the euploid embryo. *Oral Presentation, American Society for Reproductive Medicine*. 2012 Oct22-24.
210. Akber S, Beim PY, Whitehouse M, Grunfeld L, Copperman AB. Understanding the incidence, etiology and effect of retained embryos follow embryo transfer. *Poster Presentation, American Society for Reproductive Medicine*. 2012 Oct22-24.
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213. Vela G, Cervantes E, Luna M, Whitehouse M, Sandler B, Copperman AB. The role of luteal phase estradiol: Lessons from a natural cycle FET model. *Poster Presentation, American Society for Reproductive Medicine*. 2012 Oct22-24.
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218. Schumann L, Witkin G, Copperman KB, Macdonald C, Acosta-LaGreca M, Copperman AB. Trends in age in non-medical oocyte cryopreservation. *Poster Presentation, American Society for Reproductive Medicine*. 2011 Oct18-19.
219. Oungoulian SR, Chan K, Barritt J, McDonald CA, Copperman AB, Elad D, Ateshian GA. Influence of zona pellucida area expansion stiffness on the passive response of oocytes to osmotic loading. *Oral Presentation, ASME 2011 Summer Bioengineering Conference*. Farmington, PA. 2011 Jun22-25.
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223. Schuman L, Witkin G, Copperman KB, Acosta-LaGreca M, Copperman AB. Psychology of egg freezing patients: Would they consider single motherhood? *Poster Presentation, American Society for Reproductive Medicine*. 2011 Oct18-19.
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227. Luna M, Copperman AB, Sandler B, Mukherjee T, Duke M, Barritt J. High-order multiple pregnancies (HOMP) in international patients travelling to the united states for IVF. *Poster Presentation, 64<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine*. San Francisco, CA. 2008 Nov8-12.
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233. Sage C, Barritt J, Copperman AB. Oocyte cryopreservation in women seeking elective fertility preservation: A multi-center analysis. *Poster Presentation, 56<sup>th</sup> Annual Clinical Meeting for the American college of Obstetricians and Gynecologists*. New Orleans, LA. 2008 May3-7.
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