

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 and 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:

2018-2019 NY Top Docs
2015-2019 Castle Connolly, Top Doctors in America for Cancer
2013-2019 Top Doctor by U.S. News & World Report, "Best Hospitals"
2011-2019 Scientific Program and Abstract Review Committee; American Society of Reproductive medicine
2010-2019 Star Award at ASRM
2006-2019 America's Top Obstetricians and Gynecologists
2005-2019 Best Doctors in America
2005-2019 Castle Connolly, Top Doctors in America
2003-2019 Castle Connolly, Top Doctors in the New York Metro Area
2002-2019 New York Magazine, "The Best Doctors"
2019 Pacific Coast Reproductive Society Awards Committee
2018 AMA Women Physicians; Inspirational Physicians Recognition Program
2018 Mount Sinai OB/GYN Sidney Druse Award
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. Hernandez-Nieto C, Lee JA, Gonzalez K, Mukherjee T, Copperman AB, Sandler B. Conservative treatment versus surgical excision of ovarian dermoid cysts: Impact on ovarian stimulation and IVF cycle success. *Int J Gynaecol Obstet*. 2019 Dec11. doi: 10.1002/ijgo.13083. PMID: 31628777.
2. Hernandez-Nieto C, Sekhon L, Lee JA, Gounko D, Copperman AB, Sandler B. Infertile patients with inflammatory bowel disease have comparable in vitro fertilization clinical outcomes to the general infertile population. *Gynecol Endocrinol*. 2019 Nov6:1-4. doi: 10.1080/09513590.2019.1684465. PMID: 31691606.
3. Stein D, Ukogu C, Ganza A, et al. Paternal contribution to embryonic competence. *Cent European J Urol*. 2019 Sep16; 72:296-301. PMID: 31720033.
4. Hernandez-Nieto C, Lee JA, Slifkin R, Sandler B, Copperman AB, Flisser E. What is the reproductive potential of day 7 euploid embryos? *Hum Reprod*. 2019 Aug9. pii: dez129. doi: 10.1093/humrep/dez129. PMID: 31398251.
5. Sekhon L, Feuerstein J, Pan S, et al. Endometrial preparation before the transfer of single, vitrified-warmed, euploid blastocysts: does the duration of estradiol treatment influence clinical outcome? *Fertil Steril*. 2019 Apr24. pii: S0015-0282(19)30135-9. doi: 10.1016/j.fertnstert.2019.02.024. PMID: 31029432.
6. Nazem T, Chang S, Lee, JA, Briton-Jones C, Copperman AB, McAvey B. Understanding the reproductive experience and pregnancy outcomes of lesbian women undergoing donor intrauterine insemination. *LGBT Health*. 2019 Mar8; 6(2). doi: 10.1089/lgbt.2018.0151. PMID: 30848719.
7. Nazem TG, Sekhon L, Lee JA, et al. The correlation between morphology and implantation of euploid human blastocysts. *Reprod Biomed Online*. 2018 Dec7. pii: S1472-6483(18)30584-4. doi: 10.1016/j.rbmo.2018.10.007. PMID: 30579820.
8. Bosch Ernesto, Bulletti C, Copperman AB, et al. How time to healthy singleton delivery could affect decision-making during infertility treatment: a Delphi consensus. *Repro Biomed Online*. 2018 Nov7. doi:10.1016/j.rbmo.2018.09.019. PMID: 30477755.

9. Aharon D, Sekhon L, Lee JA, Ascher-Walsh C, Copperman AB. The optimal interval of time from operative hysteroscopy to embryo transfer in an in vitro fertilization cycle. *J Minim Invasive Gynecol*. 2018 Oct30. pii: S1553-4650(18)31340-2. doi: 10.1016/j.jmig.2018.10.019. PMID: 30389583.
10. 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.
11. 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.
12. 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.
13. 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.
14. Hernandez-Nieto C, Lee JA, Nazem T, Goukko D, Copperman AB, Sandler B. Embryo aneuploidy is not impacted by selective serotonin reuptake inhibitor exposure. *Fertil Steril*. 2017 Dec;108(6):973-9. doi: 10.1016/j.fertnstert.2017.08.040. PMID: 29202974.
15. 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.
16. 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 Steril*. 2017 Aug;108(2):254-61. doi: 10.1016/j.fertnstert.2017.05.007. PMID: 28579411.
17. 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.
18. 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.
19. 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.
20. 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.
21. 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.
22. 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.
23. 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.

24. 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.
25. 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*. 2016 Sep;61(9-10):425-30. PMID: 30383939.
26. 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.
27. 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.
28. 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.
29. 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.
30. 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.
31. 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.
32. 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.
33. 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.
34. 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.000000000000062. PMID: 24752002.

35. 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.
36. 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.
37. 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.
38. 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.
39. 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.
40. 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.
41. 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.
42. 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.
43. Barritt J, Luna M, Sandler B, Duke M, Copperman AB. Elective oocyte freezing for the preservation of fertility. *J Obstet Gynecol*. 2012 Mar.
44. 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.
45. 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.
46. 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.
47. 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.
48. 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.
49. Copperman AB, Feldman RA. Trends in IVF: Why "patient-friendly" care means less isn't more. *IVF NEWSDirect*. 2011 Apr-Jun;3(2).

50. 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 Mar;95(3):1120. e9-10. doi: 10.1016/j.fertnstert.2010.10.015. PMID: 21071023.
51. 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.
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53. 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.
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58. 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.
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B. Invited Publications:

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ABSTRACTS:

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24. Hernandez-Nieto C, Lee JA, Stein D, Mukherjee T, Sandler B, Copperman AB. Chronic endometritis screening in patients who experience euploid embryo implantation failure does not improve IVF outcomes after a subsequent euploid FET. *Poster Presentation, 75th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Philadelphia, PA. 2019 Oct12-16.
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33. Sekhon L, Luscher Z, Cacchione TA, Lee JA, Mukherjee T, Copperman AB. Cystic fibrosis heterozygosity does not impact ovarian reserve or assisted reproductive technology outcomes. *Poster Presentation, 67th Annual Meeting of the Pacific Coast Reproductive Society – Reproductive Curiosities, Challenges, and Conclusions*. Indian Wells, CA. 2019 Apr3-7.
34. Chang S, Sekhon L, Stein R, Lee JA, Yang Y, Collura B, Copperman AB. Removing obstacles from the modern infertility patient's journey: patient dropout is low in an employer sponsored high-touch program. *Poster Presentation, 67th Annual Meeting of the Pacific Coast Reproductive Society – Reproductive Curiosities, Challenges, and Conclusions*. Indian Wells, CA. 2019 Apr3-7.
35. Chang S, Sekhon L, Gounko D, Lee JA, Mukherjee T, Copperman AB. Is there a CGG repeat threshold to predict the risk of occult premature ovarian failure in Fragile X permutation carriers? *Poster Presentation, 67th Annual Meeting of the Pacific Coast Reproductive Society – Reproductive Curiosities, Challenges, and Conclusions*. Indian Wells, CA. 2019 Apr3-7.

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38. Lipov E, Bergin KD, Gounko D, Copperman AB. Are patients assigned a new patient concierge more likely to proceed with treatment? *Poster Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
39. 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.
40. Hernandez-Nieto C, Alkon T, Lee JA, Gounko D, Cervantes E, Copperman AB, Sandler B. Parental heterochromatic 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.
41. 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.
42. 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.
43. 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.
44. 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.
45. 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.
46. 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.

47. Sekhon L, McAvey B, Lee JA, Briton-Jones C, Duke M, Flisser E, Copperman AB. Evaluating IVF and perinatal outcomes following repeat trophectoderm biopsy. *Oral Presentation, 74th Annual Scientific Congress and Expo of the American Society for Reproductive Medicine*. Denver, CO. 2018 Oct6-10.
48. 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.
49. 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.
50. 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.
51. 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.
52. 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.
53. 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.
54. 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.
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56. 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.
57. 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.

58. 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.
59. 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.
60. 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.
61. 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.
62. 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.
63. 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.
64. 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.
65. 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.
66. 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.
67. 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.
68. Nazem T, Hernandez-Nieto C, Lee JA, Briton-Jones C, Bar-Chama N, Copperman AB. Oligospermia, asthenozoospermia, and teratozoospermia are not associated with morphological trophectoderm 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).

69. 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.
70. 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.
71. 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.
72. 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.
73. 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.
74. 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, 34th Annual Meeting of the European Society of Human Reproduction and Embryology (ESHRE)*. Barcelona, Spain. 2018 Jul1-4.
75. 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, 34th Annual Meeting of the European Society of Human reproduction and Embryology*. Barcelona, Spain. 2018 Jul1-4.
76. 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, 34th Annual Meeting of the European Society of Human reproduction and Embryology*. Barcelona, Spain. 2018 Jul1-4.
77. 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.
78. 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, 66th Annual Meeting of the Pacific Coast Reproductive Society – Fertility Innovations: 21st Century Technologies to Build Healthy Families*. Indian Wells, California. 2018 Mar21-25.
79. 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, 66th Annual Meeting of the Pacific Coast Reproductive Society – Fertility Innovations: 21st Century Technologies to Build Healthy Families*. Indian Wells, California. 2018 Mar21-25.

80. 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, 66th Annual Meeting of the Pacific Coast Reproductive Society – Fertility Innovations: 21st Century Technologies to Build Healthy Families*. Indian Wells, California. 2018 Mar21-25.
81. 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, 66th Annual Meeting of the Pacific Coast Reproductive Society – Fertility Innovations: 21st Century Technologies to Build Healthy Families*. Indian Wells, California. 2018 Mar21-25.
82. 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, 66th Annual Meeting of the Pacific Coast Reproductive Society – Fertility Innovations: 21st Century Technologies to Build Healthy Families*. Indian Wells, California. 2018 Mar21-25.
83. 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, 66th Annual Meeting of the Pacific Coast Reproductive Society – Fertility Innovations: 21st Century Technologies to Build Healthy Families*. Indian Wells, California. 2018 Mar21-25.
84. 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, 66th Annual Meeting of the Pacific Coast Reproductive Society – Fertility Innovations: 21st Century Technologies to Build Healthy Families*. Indian Wells, California. 2018 Mar21-25.
85. 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, 66th Annual Meeting of the Pacific Coast Reproductive Society – Fertility Innovations: 21st Century Technologies to Build Healthy Families*. Indian Wells, California. 2018 Mar21-25.
86. 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, 66th Annual Meeting of the Pacific Coast Reproductive Society – Fertility Innovations: 21st Century Technologies to Build Healthy Families*. Indian Wells, California. 2018 Mar21-25.
87. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
88. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
89. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
90. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.

91. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine.* San Antonio, TX. 2017 Oct28-Nov1.
92. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine.* San Antonio, TX. 2017 Oct28-Nov1.
93. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine.* San Antonio, TX. 2017 Oct28-Nov1.
94. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine.* San Antonio, TX. 2017 Oct28-Nov1.
95. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine.* San Antonio, TX. 2017 Oct28-Nov1.
96. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine.* San Antonio, TX. 2017 Oct28-Nov1.
97. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine.* San Antonio, TX. 2017 Oct28-Nov1.
98. Cohn KH, Zhang Q, Copperman AB, Beim PY. Leveraging artificial intelligence for more data-driven patient counseling after failed IVF cycles. *Oral Presentation, 73rd Annual Meeting of the American Society for Reproductive Medicine.* San Antonio, TX. 2017 Oct28-Nov1.
99. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine.* San Antonio, TX. 2017 Oct28-Nov1.
100. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine.* San Antonio, TX. 2017 Oct28-Nov1.
101. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine.* San Antonio, TX. 2017 Oct28-Nov1.
102. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine.* San Antonio, TX. 2017 Oct28-Nov1.

103. Sekhon L, Nazem TG, Lee JA, Copperman N, Briton-Jones C, Mukherjee T, Copperman AB. Does the number of trophectoderm cells analyzed by targeted next generation sequencing correlate with the incidence of aneuploid, mosaic, or indeterminate results? *Poster Presentation, 73rd Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
104. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
105. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
106. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
107. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
108. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
109. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
110. Herlihy N, Sekhon L, Nazem TG, Hernandez-Nieto CA, Olivia M, Lee JA, Sandler B, Mukherjee T, Copperman AB. Does morphologic grading of embryonic trophectoderm correlate with quality of placentation and perinatal outcome? *Poster Presentation, 73rd Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
111. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
112. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
113. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.

114. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
115. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
116. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
117. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
118. 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, 73rd Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
119. Nazem T, Lee JA, Witkin G, Thornton K, Davis JB, Copperman AB, Kudesia R. A survey of preconceptional stress and strategy for health optimization to give back control to an infertile population. *Poster Presentation, 73rd Annual Meeting of the American Society for Reproductive Medicine*. San Antonio, TX. 2017 Oct28-Nov1.
120. 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, 34th Annual Meeting of the European Society of Human Reproduction and Embryology*. Geneva, Switzerland. 2017 Jul2-5.
121. 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, 34th Annual Meeting of the European Society of Human Reproduction and Embryology*. Geneva, Switzerland. 2017 Jul2-5.
122. 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, 34th Annual Meeting of the European Society of Human Reproduction and Embryology*. Geneva, Switzerland. 2017 Jul2-5.
123. 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.
124. 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.
125. 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.

126. 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, 65th Annual Meeting of the Pacific Coast Reproductive Society – Advances in Reproductive Medicine: Oasis or Mirage?* Indian Wells, CA. 2017 Mar22-26.
127. Shaia K, Sekhon L, Lee JA, Mukherjee 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, 65th Annual Meeting of the Pacific Coast Reproductive Society – Advances in Reproductive Medicine: Oasis or Mirage?* Indian Wells, CA. 2017 Mar22-26.
128. 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, 65th Annual Meeting of the Pacific Coast Reproductive Society – Advances in Reproductive Medicine: Oasis or Mirage?* Indian Wells, CA. 2017 Mar22-26.
129. 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, 65th Annual Meeting of the Pacific Coast Reproductive Society – Advances in Reproductive Medicine: Oasis or Mirage?* Indian Wells, CA. 2017 Mar22-26.
130. 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. *65th Annual Meeting of the Pacific Coast Reproductive Society – Advances in Reproductive Medicine: Oasis or Mirage?* Indian Wells, CA. 2017 Mar22-26.
131. 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, 65th Annual Meeting of the Pacific Coast Reproductive Society – Advances in Reproductive Medicine: Oasis or Mirage?* Indian Wells, CA. 2017 Mar22-26.
132. 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.
133. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine.* Salt Lake City, UT. 2016 Oct18.
134. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine.* Salt Lake City, UT. 2016 Oct18.
135. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine.* Salt Lake City, UT. 2016 Oct18.

136. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
137. 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? *72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
138. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
139. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
140. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
141. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
142. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
143. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
144. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
145. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
146. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.

147. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
148. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
149. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
150. 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. *72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
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152. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
153. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
154. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
155. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
156. 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? *72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
157. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.

158. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
159. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
160. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
161. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
162. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
163. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
164. 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, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
165. Sekhon L, Rodriguez-Purata J, Lee JA, Briton-Jones C, Copperman AB. Sexual dimorphism and implantation potential: Is there a difference? *Oral Presentation, 72nd Annual Meeting of the American Society for Reproductive Medicine*. Salt Lake City, UT. 2016 Oct18.
166. 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, 32nd Annual Meeting of European Society of Human Reproduction and Embryology*. Helsinki, Finland. 2016 Jul3-6.
167. 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.
168. 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.

169. 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.
170. 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.
171. 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.
172. 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.
173. 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.
174. 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.
175. 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.
176. 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.
177. Vallejo V, Briton-Jones C, Lee JA, Rodriguez-Purata J, Whitehouse MC, Sandler B, Copperman AB. Blastocyst quality and ploidy 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.
178. 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, 71st Annual Meeting of the American Society for Reproductive Medicine*. Baltimore, MD. 2015 Oct17-21.
179. 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, 71st Annual Meeting of the American Society for Reproductive Medicine*. Baltimore, MD. 2015 Oct17-21.
180. 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, 71st Annual Meeting of the American Society for Reproductive Medicine*. Baltimore, MD. 2015 Oct17-21.

181. Lee JA, Karvir H, Beim YP, Copperman AB. Optimizing gonadotropin stimulation to maximize the likelihood of obtaining euploid embryos. *Oral Presentation, 71st Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
182. 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, 71st Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
183. 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, 71st Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
184. 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, 71st Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
185. 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, 71st Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
186. 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 trophoctoderm biopsy. *Oral Presentation, 71st Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
187. Rodriguez-Purata J, Gingold JA, Whitehouse MC, Lee JA, Copperman AB. Do elevated TSH levels predict early pregnancy loss in ART patients. *Poster Presentation, 71st Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
188. 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, 71st Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
189. 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 associated with increased aneuploidy rate. *Oral Presentation, 71st Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
190. 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, 71st Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
191. 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, 71st Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
192. 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, 71st Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*

193. 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, 71st Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
194. 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, 71st Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
195. 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, 71st Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
196. 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, 71st Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
197. 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, 71st Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
198. 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, 71st Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
199. 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, 71st Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
200. 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, 71st Annual Meeting of the American Society for Reproductive Medicine. Baltimore, MD. 2015 Oct17-21.*
201. 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, 31st Annual Meeting of the European Society of Human Reproduction and Embryology. Lisbon, Portugal. 2015 Jul14-17.*
202. Karvir H, Parfitt DE, Gorelick A, Elashoff M, Arrodondo F, Guttmann J, Copperman AB, Beim PY. Personalized IVF outcome predictions provide more optimistic and precise outlooks than age-based national averages. *Poster Presentation, 31st Annual Meeting of the European Society of Human Reproduction and Embryology. Lisbon, Portugal. 2015 Jul14-17.*
203. Rekawek P, Friedman F Jr, Lee JA, Copperman AB. Morphology of single embryo transfers and correlation with obstetric outcomes. *Poster Presentation, American Congress of Obstetricians and Gynecologists (ACOG). San Francisco, CA. 2015 May2-6.*
204. Rodriguez-Purata J, Lee JA, Cervantes E, Luna M, Karvir HV, Klein J, Beim PY, Copperman AB. Differential contributions of age and basal follicle stimulating hormone (FSH) levels to odds of aneuploidy. *Oral Presentation, 70th Annual Meeting of the American Society for Reproductive Medicine. Honolulu, HI. 2014 Oct19-23.*

205. 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, 70th Annual Meeting of the American Society for Reproductive Medicine*. Honolulu, HI. 2014 Oct19-23.
206. Schuman L, Bergin K, Witkin G, Lee JA, Copperman AB. Women pursuing oocyte cryopreservation for non-medical purposes are more likely to achieve ≥ 10 oocytes if their FSH is <11 , regardless of age. *Poster Presentation, 70th Annual Meeting of the American Society for Reproductive Medicine*. Honolulu, HI. 2014 Oct19-23.
207. 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, 70th Annual Meeting of the American Society for Reproductive Medicine*. Honolulu, HI. 2014 Oct19-23.
208. 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 Trophectoderm cells during preimplantation genetic screening (PGS). *Poster Presentation, 70th Annual Meeting of the American Society for Reproductive Medicine*. Honolulu, HI. 2014 Oct19-23.
209. 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, 70th Annual Meeting of the American Society for Reproductive Medicine*. Honolulu, HI. 2014 Oct19-23.
210. Rodriguez-Purata J, Lee JA, Cervantes E, Luna M, Grunfeld L, Copperman AB, Mukherjee T, Sandler B. Multiple pregnancy rates are lower when utilizing letrozole (LET) compared to clomiphene citrate (CC) for ovulation induction (OI) or controlled ovarian hyperstimulation (COH). *Poster Presentation, 70th Annual Meeting of the American Society for Reproductive Medicine*. Honolulu, HI. 2014 Oct19-23.
211. 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, 70th Annual Meeting of the American Society for Reproductive Medicine*. Honolulu, HI. 2014 Oct19-23.
212. Karvir HV, Elashoff M, Parfitt DE, Copperman AB, Beim PY. Most patients would benefit from moving more quickly to IVF: Results from a cost-effectiveness analysis of a large retrospective cohort. *Oral Presentation, 70th Annual Meeting of the American Society for Reproductive Medicine*. Honolulu, HI. 2014 Oct19-23.
213. Moschini RMA, Lee JA, Slifkin R, Duke M, Copperman AB. Inconclusive results from trophectoderm biopsy do not predict definitive results following re-biopsy. *Oral Presentation, 70th Annual Meeting of the American Society for Reproductive Medicine*. Honolulu, HI. 2014 Oct19-23.
214. Gingold J, Whitehouse M, Lee JA, Copperman AB. Endometrial thickness has no impact on implantation rates or clinical outcomes in euploid embryo transfers. *Oral Presentation, 70th Annual Meeting of the American Society for Reproductive Medicine*. Honolulu, HI. 2014 Oct19-23.
215. 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, 70th Annual Meeting of the American Society for Reproductive Medicine*. Honolulu, HI. 2014 Oct19-23.

216. Bar-Chama N, Elashoff M, Beim PY, Gonzales J, Copperman AB. Stimulated intrauterine insemination live birth rates are adversely affected by increasing paternal age. *Poster Presentation, 70th Annual Meeting of the American Society for Reproductive Medicine*. Honolulu, HI. 2014 Oct19-23.
217. Witkin G, Lee J, Rekawek P, Tran A, Grunfeld L, Copperman AB. Beauty, brains, or health: Trends in ovum recipient requirements. *Poster Presentation, 70th Annual Meeting of the American Society for Reproductive Medicine*. Honolulu, HI. 2014 Oct19-23.
218. 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, 69th Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
219. Mukherjee T, Whitehouse M, Lee J, Grunfeld L, Sandler B, Copperman AB. The efficacy of insemination in letrozole versus clomiphene citrate treatment cycles. *Poster Presentation, 69th Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
220. 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, 69th Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
221. 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, 69th Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
222. Witkin G, Tran A, Rekawek P, Flisser E, Lee JA, Copperman AB. To tell or not to tell: ovum recipients choice to disclosure intentions. *Poster Presentation, 69th Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
223. Witkin G, Tran A, Rekawek P, Flisser E, Lee JA, Copperman AB. Older women-younger men: Couples participating in ovum donation program. *Oral Presentation, 69th Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
224. 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, 69th Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
225. 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, 69th Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
226. VanWort T, Esmaeili 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, 69th Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
227. Klein JU, Lee JA, Styne A, Knopman JM, Whitehouse M, Copperman AB. Premature progesterone rise negatively affects oocyte donation outcomes. *Poster Presentation, 69th Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.

228. 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, 69th Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
229. 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, 69th Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
230. 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, 69th Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
231. 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, 69th Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
232. 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, 69th Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
233. 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, 69th Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
234. Beim PY, Hu-Seliger T, Elashoff M, Chodroff R, Lee JA, Copperman AB. Whole genome sequencing for female infertility biomarker discovery. *Oral Presentation, 69th Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
235. Copperman AB. Developments in egg freezing: Medical, psychological and ethical perspectives. *Oral Presentation (Symposium), 69th Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
236. 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, 69th Annual Meeting of the American Society of Reproductive Medicine*. Boston, MA. 2013 Oct12-17.
237. 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.
238. Reeves C, Duke M, Grunfeld L, Sandler B, Mukherjee T, Copperman AB. Vitrified embryos are vulnerable to temperature change. *Poster Presentation, 61st Annual Meeting for Pacific Coast Reproductive Society*. Palm Springs, CA. 2013 Apr.
239. 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, 61st Annual Meeting for Pacific Coast Reproductive Society*. Palm Springs, CA. 2013 Apr.
240. 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, 61st Annual Meeting for Pacific Coast Reproductive Society*. Palm Springs, CA. 2013 Apr.
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