

**Ruth B. Lathi, M.D.**  
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Department of Obstetrics & Gynecology  
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## **EDUCATION**

- 1988 –1992            Massachusetts Institute of Technology, B.S. Molecular Biology
- 1992 – 1996            University of California, San Francisco, M.D.
- 1996 – 2000            Residency in Obstetrics and Gynecology  
Baylor College of Medicine, Houston, TX  
Chairman: Joe Leigh Simpson MD, PhD
- 2000 – 2003            Fellowship in Reproductive Endocrinology and Infertility  
Stanford University Medical Center, Stanford, California.  
Thesis: “Dose-dependent insulin regulation of insulin-like growth factor  
binding protein-1 in human endometrial stromal cells is mediated by  
distinct signaling pathways”  
Fellowship Director: Linda C Giudice MD, PhD

## **PROFESSIONAL APPOINTMENTS:**

- 2003 – 2005            Clinical Instructor - Stanford University Department of OB/GYN
- 2003 – 2005            Assistant Director of the Reproductive Endocrinology & Infertility  
Fellowship program – Stanford University
- 2003 – Present        Director of Medical Education, Reproductive Endocrinology & Infertility
- 2005 - 2007            Clinical Assistant Professor - Stanford University Department of OB/GYN
- 2005 – 2007            Director of Preclinical Curriculum for Reproductive Health in the School of  
Medicine – Stanford University
- 2005 - Present        Associate Director of the Reproductive Endocrinology & Infertility  
Fellowship program – Stanford University
- 7/1/2007 - 4/30/2014    Assistant Professor, Division of Reproductive Endocrinology & Infertility,  
Stanford University Department of OB/GYN
- 2008 - Present        Director of Multispecialty Recurrent Pregnancy Loss Program – Stanford  
University
- 2009 – 2010            Co-Chair - Annual Meeting Program 2011 - PCRS
- 2011 – 2016            Chair – Strategic Planning Committee - PCRS
- 5/1/2014 – Present    Associate Professor, Division of Reproductive Endocrinology & Infertility,  
Stanford University Department of OB/GYN

## **MEDICAL LICENSURE**

California License #A71266

## **CERTIFICATION**

2005	Board Certified American Board of Obstetrics & Gynecology
2006	Board Certified Reproductive Endocrinology and Infertility
2006	Pain Management and Palliative Care Certification

## **HONORS AND AWARDS**

1997 – 1998	Resident of the Year, Baylor College of Medicine
1998 – 1999	Resident of the Year, Baylor College of Medicine
1999 – 2000	Chief Resident, Baylor College of Medicine
2000	Resident Research Award, Baylor College of Medicine
2000	Perry Klein Award for Outstanding Resident Surgeon and Physician, Baylor College of Medicine
2003	First Prize Presentation for Physician-in-Training, Pacific Coast Reproductive Society Annual Meeting
2006	CREOG- Faculty Teaching Award, Stanford University Medical Center, Department of Obstetrics and Gynecology
2011	Scientific Program Prize Paper Oral Abstract Presentation, American Society for Reproductive Medicine 2011
2013	First Prize Oral Presentation for “A Cohort Study to Evaluate the Impact of Weight Loss on Fertility Outcomes in an Overweight/obese Population”, Pacific Coast Reproductive Society Annual Meeting.
2013	San Francisco Gynecological Society Resident Research Award

## **PROFESSIONAL SOCIETIES**

1998 – Present	American College of Obstetrics and Gynecology (ACOG)
2000 – Present	American Society for Reproductive Medicine (ASRM)
2000 – Present	Society for Reproductive Endocrinology and Infertility
2004 – Present	Pacific Coast Reproductive Society (PCRS)

## COMMITTEES

2003 – Present	Reproductive Endocrinology & Infertility Leadership Committee, Stanford University
2007 - Present	Editorial Board of <i>Sexuality, Reproduction and Menopause Journal</i>
2007 – Present	Residency Education Committee, Department of Obstetrics and Gynecology, Stanford University
2009 – 2012	American Society for Reproductive Medicine- Patient Education Committee
2009 – 2010	Co-Chair - Annual Meeting Program 2011 - PCRS
2010 – Present	Member, Board of Directors for Pacific Coast Reproductive Society
2011 – 2016	Chair – Strategic Planning Committee - PCRS
2011 – Present	Member, Strategic Planning committee for Pacific Coast Reproductive Society
2011 – Present	Founding Member, Early Pregnancy Special Interest Group, American Society for Reproductive Medicine

## PEER REVIEWED PUBLICATIONS (67 total: 65 published, 2 submitted)

1. Jacob HJ, Lindpaintner K, Lincoln SE, Kusumi K, **Bunker RK\***, Mao YP, Ganten D, Dzau VJ, Lander ES. Genetic mapping of a gene causing hypertension in the stroke-prone spontaneously hypertensive rat. *Cell*. 1991 Oct 4;67(1):213-24. PMID: 1655275.
2. Jacob HJ, Brown DM, **Bunker RK\***, Daly MJ, Dzau VJ, Goodman A, Koike G, Kren V, Kurtz T, Lernmark A, et al. and Lander ES. A genetic linkage map of the laboratory rat, *Rattus norvegicus*. *Nat Genet*. 1995 Jan;9(1):63-9. PMID: 7704027.

### \* Published under Maiden name Ruth K. Bunker.

3. **Lathi RB**, Milki AA. Recombinant gonadotropins. *Curr Womens Health Rep*. 2001 Oct;1(2):157-63. PMID: 12112963.
4. Mak GZ, Welsh JH, Chang E, **Lathi RB**, Poythress EL. Chylous ascites caused by sarcoidosis. *Hospital Physician* 2002 vol 38 (1) 27-32. PMID: 1986561.
5. **Lathi RB**, Milki AA. Tissue sampling technique affects accuracy of karyotype from missed abortions. *J Assist Reprod Genet*. 2002 Nov;19(11):536-8. PMID: 12484496.
6. **Lathi RB**, Milki AA. Rate of aneuploidy in miscarriages following in vitro fertilization and intracytoplasmic sperm injection. *Fertil Steril*. 2004 May;81(5) 1270-2. PMID: 15136088.

### *Featured in Highlights of Fertility and Sterility*

7. **Lathi RB\*\***, Dosiou C\*\*, Tulac S, Huang J, Giudice LC. Interferon-related and other immune genes are down regulated in peripheral blood leukocytes in the luteal phase of the menstrual cycle. *J Clin Endocrinol Metab*. 2004 May;89(5):2501-4. PMID: 15126584. (\*\* Lathi and Dosiou co-first authors)
8. **Lathi RB\*\***, Hess AP\*\*, Tulac S, Nayak N, Conti M, Giudice LC. Dose-dependent insulin regulation of IGFBP-1 in human endometrial stromal cells is mediated by distinct signaling pathways. *J Clin Endocrinol Metab*. 2005 Mar;90(3):1599-606. PMID: 15613433. (\*\* Lathi and Hess co-first authors)

9. Littman ED, Giudice LC, **Lathi RB**, Berker B, Milki AA, Nezhat CR. Role of laparoscopic treatment of endometriosis in patients with failed IVF cycles. *Fertil Steril*. 2005 Dec;84(6):1574-8. PMID: 16359945.
10. Nezhat C, Littman ED, **Lathi RB**, Berker B, Westphal LM, Giudice LC, Milki AA. The dilemma of endometriosis: is consensus possible with an enigma? *Fertil Steril*. 2005 Dec;84(6):1587-8. PMID: 16359950.
11. Moghadam R, Ghasemi G, **Lathi RB**, Nezhat C, Nezhat F, Nezhat C. Predictive value of MRI in differentiating between leiomyoma and adenomyosis as a preoperative diagnostic tool. *JLSLS*. 2006 Apr-Jun;10(2):216-9. PMID: 16882423. *I provided input on study design, manuscript preparation and revisions.*
12. Dahan D, Burney R, **Lathi RB**. Images of congenital interruption of the ampullary portion of the fallopian tube. *Fertil Steril*. 2006 Jun;85(6):1820-1. PMID: 16678820.
13. Shahine L and **Lathi RB**. Night sweats and elevated follicle stimulating hormone levels while taking selective serotonin reuptake inhibitors. *Obstet Gynecol*. 2006 Sep;108(3 Pt 2):741-2. PMID: 17018486.
14. Kea B, Gebhardt J, Westphal L, **Lathi RB**, Watt J, Behr B. Effect of reduced oxygen concentration on the outcome of IVF. *Fertil Steril*. 2007 Jan;87(1):213-6. PMID: 17081523. *I provided input data interpretation, manuscript preparation and manuscript revisions.*
15. Moayeri SE, Behr B, **Lathi RB**, Westphal LM, Giudice LC, Milki AA. Risk of monozygotic twinning with blastocyst transfer decreases over time: an 8-year experience. *Fertil Steril*. 2007 May;87(5):1028-32. PMID: 17343858. *I provided input regarding study design, data analysis, manuscript preparation and manuscript revisions.*
16. Shanine L, **Lathi RB**, Dahan MH. Metformin and fetal malformations. *Fertil Steril*. 2007 May;87(5):1240; author reply 1240. PMID: 17400214. *I assisted in preparation on manuscript and revision.*
17. Mains LM, **Lathi RB**, Burney RO, Dahan MH. Serum total testosterone levels in a patient with late onset 21-hydroxylase deficiency and a twin gestation. *Fertil Steril*. 2007 May;87(5):1212.e5-8. PMID: 17418835. *I provided patient information and serum samples as well as provided assistance with manuscript preparation and revision.*
18. Davis LB, **Lathi RB**, Westphal LM, Milki AA. Elective single blastocyst transfer in women older than 35. *Fertil Steril*. 2008 Jan;89(1):230-1. PMID: 17509586. *I assisted in study design as well as manuscript preparations and revisions.*
19. Fu J, Henne M, Blumstein S, **Lathi RB**. Rupture of ectopic pregnancy with minimally detectable  $\beta$ -hCG levels; a report of 2 cases. *J Reprod Med*. 2007 Jun;52(6):541-2. PMID: 17694977.
20. Davis LB, **Lathi RB**, Dahan MH. The effect of infertility medication on thyroid function in hypothyroid women who conceive. *Thyroid*. 2007 Aug;17(8):773-7. PMID: 17725435. *I assisted in study design as well as manuscript preparations and revisions.*
21. Jun SH, **Lathi RB**. Pelvic pain after gonadotropin administration as a potential sign for endometriosis. *Fertil Steril*. 2007 Oct;88(4):986-7. PMID: 17428478.
22. [Quintero RB](#), [Urban R](#), **Lathi RB**, [Westphal LM](#), [Dahan MH](#). A comparison of letrozole to gonadotropins for ovulation induction, in subjects who failed to conceive with clomiphene citrate. *Fertil Steril*. 2007 Oct;88(4):879-85. PMID: 17920403. *I assisted in study design as well as manuscript preparations and revisions.*

23. **Lathi RB**, Mark S, Westphal LM, Milki AA. Cytogenetic testing of anembryonic pregnancies compared to embryonic missed abortions. *J Assist Reprod Genet.* 2007 Nov;24(11):521-4. PMID: 17899357.
24. Lewis LA, **Lathi RB**, Crochet P, Nezhat C. Preoperative vaginal preparation with baby shampoo compared to povidone-iodine prior to gynecologic procedures. *J Minim Invasive Gynecol.* 2007 Nov-Dec;14(6):736-9. PMID: 17980335. *I assisted in study design and manuscript preparation.*
25. **Lathi RB**, Westphal LM, Milki AA. Aneuploidy in the miscarriages of infertile women and the potential benefit of PGD. *Fertil Steril.* 2008 Feb;89(2):353-7. PMID: 17509575.
26. Kazanegra R, Zaritsky E, **Lathi RB**, Nezhat C. Diagnosis of stage I endometriosis: comparing visual inspection to histologic biopsy specimen. *J Minim Invasive Gynecol.* 2008 Mar-Apr;15(2):176-80. PMID: 18312987. *I assisted in study design and manuscript preparation.*
27. Friedman B, Shahine LS, **Lathi RB**. Selective Serotonin Reuptake Inhibitors: Implications for Reproductive Health. *Sexuality, Reproduction and Menopause.* 2008 March: 6(1) 27-32.
28. Davis LB, **Lathi RB**, Milki AA, Dahan MH. Transvaginal ligation of the cervical branches of the uterine artery and injection of vasopressin in a cervical pregnancy as an initial step to controlling hemorrhage: a case report. *J Reprod Med.* 2008 May;53(5):365-8. PMID: 18567285. *I assisted with manuscript preparation and revision.*
29. **Lathi RB**, Westphal LM, Milki AA. Benefits of PGD in patients with recurrent miscarriages? Reply. *Fertil Steril.* 2008 Jul;90(1):240-1. Author reply 241-2. PMID: 18538769.
30. Millheiser L, **Lathi RB**. Female sexual dysfunction and infertility; Cause, effect, or both? *Sexuality, Reproduction and Menopause.* 2008 August; 6 (3): 37-41.
31. Massie JAM, RO Burney RO, Milki AA, Westphal LM, and **Lathi RB**. Basal follicle stimulating hormone as a predictor of fetal aneuploidy. *Fertil Steril.* 2008 Dec;90(6):2351-5. PMID: 18178189.
32. Shahine LK, Burney RO, Behr B, Milki AA, Westphal LM, **Lathi RB**. Embryo quality before and after surgical treatment of endometriosis in infertile patients. *J Assist Reprod Genet.* 2009 Mar;26(2-3):69-73. PMID: 19214735.
33. **Lathi RB**, Behr B. Pregnancy after Trophoctoderm Biopsy of Frozen-thawed Blastocyst. *Fertil Steril.* 2009 May;91(5):1938-40. PMID: 18371958.
34. Burney RO, **Lathi RB**. Menstrual bleeding from an endometriotic lesion. *Fertil Steril.* 2009 May;91(5):1926-7. PMID: 18930191.
35. McClaren JF, Burney RO, Dahan MH, Milki AA, Westphal LM, **Lathi RB**. Effect of methotrexate exposure on subsequent fertility in women undergoing controlled ovarian stimulation. *Fertil Steril.* 2009 Aug;92(2):515-9. PMID: 18829004.
36. Moayeri SE, Lee HC, **Lathi RB**, Westphal LM, Milki AA, and Garber AM. Laparoscopy in women with unexplained infertility: a cost-effectiveness analysis. *Fertil Steril.* 2009 Aug;92(2):471-80. PMID: 18722609. *I assisted in study design and manuscript preparation.*
37. Kreig S, **Lathi RB**, Behr B, Westphal LM. Normal pregnancy after tetraploid karyotype found on trophoctoderm biopsy. *Fertil Steril.* 2009 Sep;92(3):1169.e9-1169.e10. PMID: 19608167. *I assisted in study design and manuscript preparation.*
38. Shahine LK, **Lathi RB**, Baker VL. Oocyte retrieval versus conversion to intrauterine insemination in patients with poor response to gonadotropin therapy. *Fertil Steril.* 2009 Oct;92(4):1315-7. PMID: 19393998. *I assisted in study design and manuscript preparation.*

39. Friedman BE, Rogers JL, Shahine LK, Westphal LM, **Lathi RB**. Effect of selective serotonin reuptake inhibitors on in vitro fertilization outcome. *Fertil Steril*. 2009 Oct;92(4):1312-4. PMID: 19423105.
40. Shahine LK, **Lathi RB**, Langen ES, Milki AA, Beaver K, Westphal LM. Poor prognosis with in vitro fertilization in Indian women compared to Caucasian women despite similar embryo quality. *PLoS One*. 2009 Oct 26;4(10):e7599. PMID: 19855835. *I assisted in study design and manuscript preparation and revisions.*
41. Langen ES, Shahine LK, Lamb JD, **Lathi RB**, Milki AA, Fujimoto VY, Westphal LM. Asian ethnicity and poor outcomes after in vitro fertilization blastocyst transfer. *Obstet Gynecol*. 2010 Mar;115(3):591-6. PMID: 20177291. *I assisted in study design and manuscript preparation and revisions.*
42. Landres IV, Milki AA, **Lathi RB**. Karyotype of miscarriages in relation to maternal weight. *Hum Reprod*. 2010 May;25(5):1123-6. PMID: 20190263.
43. Huang JQ, **Lathi RB**, Lemyre M, Rodriguez HE, Nezhat CH, Nezhat C. Coexistence of endometriosis in women with symptomatic leiomyomas. *Fertil Steril*. 2010 Jul;94(2):720-3. PMID: 19393995. *I assisted in study design and manuscript preparation.*
44. Banerjee P, Choi B, Shahine LK, Jun SH, O'Leary K, **Lathi RB**, Westphal LM, Wong WH, Yao MW. Deep phenotyping to predict live birth outcomes in in vitro fertilization. *Proc Natl Acad Sci U S A*. 2010 Aug 3;107(31):13570-5. PMID: 20643955. *I assisted in providing data, study design and manuscript preparation.*
45. Marquard K, Westphal LM, Milki AA, and **Lathi RB**. Etiology of recurrent pregnancy loss in women over the age of 35. *Fertil Steril*. 2010 Sep;94(4):1473-7. PMID: 19643401.
46. Millheiser LS, Helmer AE, Quintero R, Westphal LM, Milki AA, **Lathi RB**. Is infertility a risk factor for female sexual dysfunction? A case-control study. *Fertil Steril*. 2010 Nov;94(6):2022-5. PMID: 20206929.
47. Shahine LK, Milki AA, Westphal LM, Baker VL, Behr B, and **Lathi RB**. Day 2 vs day 3 embryo transfer in poor responders: a prospective randomized trial. *Fertil Steril*. 2011 Jan;95(1):330-2. PMID: 20813357.
48. Friedman BE, **Lathi RB**, Henne MB, Fisher S, Milki AA. The effect of air bubble position after blastocyst transfer on pregnancy rates in IVF cycles. *Fertil Steril*. 2011 Mar 1;95(3):944-7. PMID: 20810105. *I assisted in study design, data analysis and manuscript preparation and revision.*
49. Massie JA, Shahine LK, Milki AA, Westphal LM, **Lathi RB**. Ovarian stimulation and the risk of aneuploid conceptions. *Fertil Steril*. 2011 Mar 1;95(3):970-2. PMID: 20828683.
50. Fisher SL, Massie JA, Blumenfeld YJ, **Lathi RB**. Sextuplet heterotopic pregnancy presenting as ovarian hyperstimulation syndrome and hemoperitoneum. *Fertil Steril*. 2011 Jun, 95(7):2431.e1-3. PMID: 21406303.
51. Friedman BE, Davis LB, **Lathi RB**, Westphal LM, Baker VL, Milki AA. Age-Related Success with Elective Single versus Double Blastocyst Transfer. *ISRN Obstet and Gynecol*. 2011 doi:10.5402/2011/656204. *I assisted in study design, data analysis, manuscript preparation and multiple revisions.*
52. Gustin SL, Mukherjee G, Baker VL, Westphal LM, Milki AA, **Lathi RB**. Early pregnancy testosterone after ovarian stimulation and pregnancy outcome. *Fertil Steril*. 2012 Jan;97(1):23-7.e1. PMID: 22112646.

**\*\* Seminal Contribution \*\***

53. Lemyre M, Bujold E, **Lathi R**, Bhagan L, Huang JQ, Nezhat C. Comparison of morbidity associated with laparoscopic myomectomy and hysterectomy for the treatment of uterine leiomyomas. *J Obstet Gynaecol Can.* 2012 Jan;34(1):57-62. PMID: 22260764. *I assisted in study design and manuscript preparation.*
54. **Lathi RB**, Moayeri SE, Reddy CD, Gebhardt J, Behr B, Westphal LM. Testosterone concentrations in early pregnancy: relation to method of conception in an infertile population. *Reprod Biomed Online.* 2012 Mar;24(3):360-3. PMID: 22285241.
55. Sueldo CM, Milki AA, **Lathi RB**. Successful frozen blastocyst transfers after failed fresh transfers in assisted reproductive technologies patients with hydrosalpinx. *Am J Obstet Gynecol.* 2012 Mar;206(3):e4-6. PMID: 22285169
56. Friedman BE, Pao S, Westphal LM, **Lathi RB**. Oocyte retrieval following continued stimulation five days beyond ovulation yields live birth after frozen embryo transfer. *J Assist Reprod Genet.* 2012 May;29(5):433-5. PMID: 22327896.
57. **Lathi RB**, Massie JA, Loring M, Demko ZP, Johnson D, Sigurjonsson S, Gemelos G, Rabinowitz M. Informatics enhanced SNP microarray analysis of 30 miscarriage samples compared to routine cytogenetics. *PLoS One.* 2012;7(3):e31282. PMID: 22403611.
58. Krieg SA, Fan X, Hong Y, Sang QX, Giaccia A, Westphal LM, **Lathi RB**, Krieg AJ, Nayak NR. Global alteration in gene expression profiles of deciduas from women with idiopathic recurrent pregnancy loss. *Mol Hum Reprod.* 2012 Sept;18(9):442-50. PMID: 22505054. *I assisted in study design, patient recruitment, data analysis and manuscript preparation.*
59. **Lathi RB**, Massie JAM, Gilani M, Milki AA, Westphal LM, Baker VL, Behr B. Outcomes of trophoctoderm biopsy on cryopreserved blastocysts: a case series. *Reprod BioMed Online.* 2012 Nov;25(5):504-7. PMID: 22985500.
60. Eisenberg ML, **Lathi RB**, Baker VL, Westphal LM, Milki AA, Nangia AK. The frequency of the male infertility evaluation: data from the National Survey of Family Growth. *J Urol.* 2013 Mar;189(3):1030-4. PMID: 23009868. *I assisted in study design and manuscript preparation.*
61. **Lathi RB**, Gustin SL, Keller J, Maisenbacher MK, Sigurjonsson S, Tao R, Demko Z. Reliability of 46,XX results on miscarriage specimens: a review of 1,222 first-trimester miscarriage specimens. *Fertil Steril.* 2014 Jan;101(1):178-82. PMID: 24182409.
62. Dahan MH, **Lathi RB**. Twice-daily dosing of gonadotropins does not improve embryo quality during in vitro fertilization cycles in women with polycystic ovary syndrome, when compared to once-daily dosing: a pilot study. *Arch Gynecol Obstet.* 2014 May;289(5):1113-8. PMID: 24276425.
63. Kort JD, Winget C, Kim SH, **Lathi RB**. A retrospective cohort study to evaluate the impact of meaningful weight loss on fertility outcomes in an overweight population with infertility. *Fertil Steril.* 2014 May;101(5):1400-3. PMID: 24581574.
64. **Lathi RB**, Liebert CA, Brookfield KF, Taylor JA, Vom Saal FS, Fujimoto VY, Baker VL. Conjugated bisphenol A (BPA) in maternal serum in relation to miscarriage risk. *Fertil Steril.* 2014 Jul;102(1):123-8. PMID: 24746738.
65. Levy B, Sigurjonsson S, Pettersen B, Maisenbacher MK, Hall MP, Demko Z, **Lathi RB**, Tao R, Aggarwal V, Rabinowitz M. Genomic Imbalance in Products of Conception: Single-Nucleotide Polymorphism Chromosomal Microarray Analysis. *Obstet Gynecol.* 2014 Jul 7.

[Epub ahead of print] PMID: 25004334. *I assisted in study design and manuscript preparation and revisions.*

66. Peretto CO, Westphal LM, **Lathi RB**. Miscarriage rates in patients with recurrent pregnancy loss (RPL) undergoing oocyte donation (OD). Submitted
67. McNally L, Huynh D, Keller J, Dikan J, Rabinowitz M, **Lathi RB**. Patient Desire for Chromosome Analyses of Products of Conception Following Miscarriage: A national survey. Submitted

#### **INVITED REVIEWS (6 total)**

1. **Lathi RB**, Milki AA. Recombinant Gonadotropins. *Current Women's Health Reports* 2001; 1(2):157-163.
2. **Lathi RB**, Basina M, Giudice LC. The endometrium in PCOS. *Current Opinion in Endocrinology and Diabetes*. 2002 Dec, 9(6) 480-485.
3. **Lathi RB**, Behr B. In Vitro Fertilization and Assisted Reproductive Techniques. *Frontiers in Reproductive Medicine, The Universe of Women's Health* – [www.obgyn.net](http://www.obgyn.net), 2007
4. Jun S, **Lathi RB**, Westphal LM. Human derived FSH in ART. *US Obstetrics and Gynecology Review*, Issue 1, April 2007.
5. **Lathi RB**, Gray Hazard FK, Heerema-McKenney A, Taylor J, Chueh JT. First Trimester Miscarriage Evaluation. *Seminars in Reproductive Medicine* 29(6);463-468, 2011.
6. Shahine LK, **Lathi RB**. Embryo selection with preimplantation chromosomal screening in patients with recurrent pregnancy loss. *Seminars in Reproductive Medicine* 32(2):93-9, 2014.

#### **BOOK CHAPTERS (7 total)**

1. **Lathi RB**, Fisher SJ, Giudice LC. Implantation and placental physiology in early human pregnancy: The role of maternal Decidua and the Trophoblast. In: *Endocrinology*. LJ Degroot and LJ Jameson. Elsevier Saunders, Philadelphia, PA. 2006.
2. Millheiser LS, **Lathi RB**, Giudice LC. Sexual Health. In: *The Savy Woman Patient: How and Why Sex Differences Impact Your Health*. P Greenberger and J Wider. Capital Books, Inc. Herndon,VA 2006.
3. Zhang M, **Lathi RB**, Giudice LC. "Gynecologic Cancers" In: *The Savy Woman Patient: How and Why Sex Differences Impact Your Health*. P Greenberger and J Wider. Capital Books, Inc. Herndon,VA 2006.
4. Massie JAM, **Lathi RB**, and Westphal LM. Endometriosis. Adenomyosis. *The 5-minute Obstetrics and Gynecology Consult*. Paula J. Adams Hillard. Lippincott Williams & Wilkins, 2008.
5. **Lathi RB**, Stephenson, MD. Miscarriage After In Vitro Fertilization (IVF), Farquharson & Stephenson: Early Pregnancy. 2010
6. **Lathi RB**, Schust D. Recurrent Pregnancy Loss. In *Berek and Novak's Gynecology*, 15<sup>th</sup> edition, Lippincott Williams & Wilkins, 2012.



7. Baker VL, **Lathi R**, Reijo Pera RA. Human genes modulating primordial germ cell and gamete formation. In *Biology and Pathology of the Oocyte: Role in Fertility, Medicine and Nuclear Reprogramming*, 2nd edition, Cambridge University Press, 2013.

## **PRESENTATIONS AND ABSTRACTS:**

1. Heard MJ, **Lathi RB**, Buster JE, Cisneros P, Casson P, Sarson SA. Factors affecting embryo transfer and subsequent pregnancy outcomes in in vitro fertilization. Poster presentation ASRM Annual Meeting 2001.
2. **Lathi RB**, Tulac S, Lobo S, Huang J, Giudice LC. Changes in cytokine expression in peripheral leukocytes, detected by microarray analysis in the secretory vs proliferative phase of the menstrual cycle. Oral Presentation, ASRM Annual Meeting 2002
3. **Lathi RB** and Milki AA. Tissue sampling technique affects accuracy of karyotype from missed abortions. Poster presentation ASRM Annual Meeting 2002
4. **Lathi RB**, Tulac S, Nayak N, Faessen G, Conti MD, Giudice LC. Inhibition of IGFBP-1 production in human endometrial stromal cells by insulin is not mediated by the PI3 Kinase pathway. Society for Gynecologic Investigations Annual Meeting 2003
5. Littman ED, **Lathi RB**, Westphal LM, Milki AA. Antagon versus flare: Examining the effect of IVF protocols in a population of poor responders. Annual Meeting Poster Presentation ASRM 2003
6. **Lathi RB** and Milki AA. Aneuploidy in the Miscarriages of Infertile Women and the Potential Benefit of PGD. Oral presentation Pacific Coast Reproductive Society Annual Meeting 2004
7. **Lathi RB**, Mark SD, Westphal LM, Milki AA. Utility of Cytogenetic Testing of Missed Abortions in the Absence of a Fetal Pole on Ultrasound. Poster presentation Pacific Coast Reproductive Society Annual Meeting 2004
8. Henne MB, Zhang M, Behera M, Kelshikar B, Paroski S, **Lathi RB**, Westphal L. Obstetric complications in recipients of donor oocytes. International Federation of Fertility Societies 18<sup>th</sup> World Congress, Montreal, Canada, Annual Meeting May 2004.
9. Milki AA, Hinckley MD, **Lathi RB**, Westphal LM, Behr B. Elective Single Blastocyst Transfer: cumulative outcomes from the fresh and subsequent frozen cycles. Poster Presentation ASRM Annual Meeting 2004.
10. Quintero R, Westphal LW, **Lathi RB**, Giudice LC, Milki AA, McCallum S. Prevalence of Sexual dysfunction in women undergoing infertility treatment. Oral Presentation International Society for Sexual and Impotence Research, Annual Meeting 2004.
11. Kea B, Gebhardt J, Westphal L, **Lathi RB**, Watt J, Behr B. Effects of reduced oxygen concentration concentration on IVF outcomes. Poster presentation Pacific Coast Reproductive Society Annual Meeting 2005 **Prize Poster**
12. Quintero R, Westphal LM, Milki AM, **Lathi RB**, McCallum S. The prevalence of erectile dysfunction in an infertile population. PCRS Annual Meeting 2005
13. Fu K, Henne M, Blumstein S, **Lathi RB**. Ruptured ectopic pregnancy with minimally detectable HCG level. PCRS Annual Meeting 2005.
14. Moghadam R, Ghasemi G, **Lathi RB**, Nezhat C, Nezhat F, Nezhat C. Predictive Value of MRI in Differentiating Between Leiomyoma and Adenomyosis as a Preoperative Diagnostic Tool. Oral Presentation ASRM Annual Meeting 2005.

15. Moayeri SE, Behr B, **Lathi RB**, Westphal LM, Giudice LC, Milki AA. Does The Incidence Of Monozygotic Twinning With Blastocyst Transfer Decrease Over Time? Poster Presentation ASRM Annual Meeting 2005.
16. Burney RO, Moayeri SE, Milki AA, Westphal LM, **Lathi RB**. The Prevalence And Severity Of Intrauterine Adhesions In An Infertile Population Undergoing Office Hysteroscopy. Poster Presentation ASRM Annual Meeting 2005.
17. Moayeri SE, Burney RO, Milki AA, Westphal LM, Behr B, **Lathi RB**. Pregnancy Loss And Aneuploidy Rate In Fresh Versus Frozen Blastocyst Transfer Presentation ASRM Annual Meeting 2005.
18. **Lathi RB**, Reddy C, Dahan MH, Milki AA, Gebhart J, Westphal LM, Early Pregnancy Testosterone Levels in Miscarriages Compared to Ongoing Pregnancies. Poster presentation Pacific Coast Reproductive Society Annual Meeting 2006.
19. JF McLaren, RO Burney, MH Dahan, AA Milki, LM Westphal, **Lathi RB**, Effect of Methotrexate on Subsequent Fertility in Patients undergoing ART. Oral presentation Pacific Coast Reproductive Society Annual Meeting 2006.
20. Quintero RB, **Lathi RB**, Urban R, Westphal LM, Dahan M. Comparison of letrozole to gonadotropins for ovulation induction in clomiphene failures. Poster presentation Pacific Coast Reproductive Society Annual Meeting 2006.
21. Burney RO, Henne M, Jacobson MT, Milki AA, Westphal LM, **Lathi RB**. Ovarian Stimulation Protocol for IVF-ET Treatment in the Patients with Endometriosis. ASRM 2006.
22. Kazanegra R, Zaritsky E, Nezhat CN, **Lathi RB**. Diagnosis of Stage 1 endometriosis: comparing visual inspection to histologic biopsy. ASRM 2006.
23. Davis LB, Dwyer B, Krieig S, Druzin M, **Lathi RB**. Soluble fms-like tyrosine kinase 1(sflt-1), vascular endothelial growth factor (VEGF). And early pregnancy loss: a pilot study. ASRM 2006.
24. Jun SH and **Lathi RB**. Significant abdominal/pelvic pain after gonadotropin administration as a potential sign for endometriosis. ASRM 2006.
25. Moayeri SE, Lee, HC, **Lathi RB**, Westphal LM, Garber AM. Cost Effectiveness of Laparoscopy and Empiric Infertility Treatment in Unexplained Infertility. ASRM 2006.
26. Zamah AM, Henne M, Milki AA, Westphal LM, **Lathi RB**. Correlation of infertility diagnosis and treatment protocol with pregnancy outcome after IVF. ASRM 2006.
27. Davis LB, **Lathi RB**, Milki AA. Elective Single Embryo Transfer over the age of 35. ASRM 2006.
28. **Lathi RB**, Marquard K, Westphal LM, Milki AM. Etiology or Recurrent Miscarriage in women over the age of 35. PCRS Annual Meeting 2007
29. Kazanegra R, **Lathi RB**, Zaritsky E, Nezhat CN. Does the size of biopsy correlate with accuracy in the diagnosis of peritoneal endometriosis? PCRS Annual Meeting 2007
30. Massie JM, Burney RO, Milki AM, Westphal LM, **Lathi RB**. Basal Follicle Stimulating Hormone as a Predictor of Fetal Aneuploidy. PCRS 2007
31. Meier A, Shahine L, Westphal LM, **Lathi RB**. Pregnancy and multiple gestation rates in donor oocyte cycles in relation to number of embryos transferred. PCRS 2007
32. Rodriguez HE, Shastry S, Theologis A, McMillan A, **Lathi RB**, Nezhat C. Coexistence of Endometriosis in Women with Symptomatic Leiomyomata. ACOG 2007

33. Ocampo JE, **Lathi RB**, Crochet P, Dahan M, Nutis M, Nezhat C. Surgical Evaluation of endometriosis after IVF. ASRM 2007
34. Shahine LK, Milki AM, Westphal LM, **Lathi RB**. Exogenous Follicle Stimulating Hormone and Risk of Aneuploidy. ASRM 2007
35. **Lathi RB**, Moayeri SM, Milki AM, Potti S, Westphal LM. Elevations in Maternal Serum Testosterone related to Ovarian Stimulation. ASRM 2007.
36. Shahine LK, Burney RO, Milki AA, Westphal LM, **Lathi RB**. Surgical Treatment of Endometriosis and Embryo Quality. ASRM 2007
37. **Lathi RB**, Behr B. Pregnancy after Trophoctoderm Biopsy of a Frozen- Thawed Blastocyst. PCRS 2008
38. Langen E, Shahine LK, Beaver K, **Lathi RB**, Milki AM, Fujimoto VY, Westphal LM. Asian ethnicity associated with decreased live birth rate after blastocyst transfer. PCRS 2008
39. Friedman BE, Rogers J, Shahine LK, Westphal LM, **Lathi RB**. The Effect of Selective Serotonin Reuptake Inhibitors on In Vitro Fertilization Outcome. PCRS 2008
40. Friedman BE, Davis LB, **Lathi, RB**, Westphal LM, Milki AA. Age-related success with elective single versus double blastocyst transfer. Presented at 64<sup>th</sup> American Society for Reproductive Medicine Annual Meeting, San Francisco, CA, November 8-12, 2008, P-772
41. Helmer AE, Millheiser LS, **Lathi RB**, Quintero R. The impact of infertility on female sexual function and satisfaction. Presented at 64<sup>th</sup> American Society for Reproductive Medicine Annual Meeting, San Francisco, CA, November 8-12, 2008, O-253
42. Friedman BE, **Lathi RB**, Henne MB, Fisher S, Milki AA. The effect of air bubble position after blastocyst transfer on pregnancy rates in IVF cycles. Presented at 64<sup>th</sup> American Society for Reproductive Medicine Annual Meeting, San Francisco, CA, November 8-12, 2008, P-771
43. Maas KH, Baker VL, Westphal LM, **Lathi RB**. Optimal timing of frozen embryo transfer after failed IVF attempt. Presented at 64<sup>th</sup> American Society for Reproductive Medicine Annual Meeting, San Francisco, CA, November 8-12, 2008, P-530
44. Kreig S, **Lathi RB**, Behr B, Westphal L. Normal chorionic villus sampling after tetraploid karyotype found on trophoctoderm biopsy. Presented at 64<sup>th</sup> American Society for Reproductive Medicine Annual Meeting, San Francisco, CA, November 8-12, 2008, A-372
45. Fuh KC, Krieg S, **Lathi RB**. Misdiagnosis of ectopic pregnancies: the impact of heterophilic antibodies in infertile patients. Presented at 64<sup>th</sup> American Society for Reproductive Medicine Annual Meeting, San Francisco, CA, November 8-12, 2008, O-202
46. Massie JAM, **Lathi RB**, Baker VL, Milki AA. Male factors and their association with fetal aneuploidy in first trimester missed abortion. Presented at 64<sup>th</sup> American Society for Reproductive Medicine Annual Meeting, San Francisco, CA, November 8-12, 2008, P-258
47. Landres IV, Milki AA, **Lathi RB**. Karyotype of miscarriages in relation to maternal weight. Presented at 64<sup>th</sup> American Society for Reproductive Medicine Annual Meeting, San Francisco, CA, November 8-12, 2008, O-20
48. Shahine LK, **Lathi RB**, Langen ES, Milki AA, Beaver K, Westphal LM. Indian ethnicity is associated with decreased live birth rate after blastocyst transfer. Presented at 64<sup>th</sup> American Society for Reproductive Medicine Annual Meeting, San Francisco, CA, November 8-12, 2008, P-794
49. Wang SL, Burney RO, Moayeri SE, Milki AA, **Lathi RB**. Effect of diagnostic hysteroscopy with or without mechanical disruption of the endometrium in the infertile population. Presented at

64<sup>th</sup> American Society for Reproductive Medicine Annual Meeting, San Francisco, CA, November 8-12, 2008. Poster presentation, O-107

50. Davis LB, Dasig JL, **Lathi RB**, Behr B, Baker VL. Cumulative cycle outcomes of preimplantation genetic screening (PGS) and preimplantation genetic diagnosis (PGD) at one institution. Presented at 64<sup>th</sup> American Society for Reproductive Medicine Annual Meeting, San Francisco, CA, November 8-12, 2008, A-384
51. Shahine LK, **Lathi RB**, Baker VL. Treatment options for poor responders: retrieval or intrauterine insemination. Presented at 64<sup>th</sup> American Society for Reproductive Medicine Annual Meeting, San Francisco, CA, November 8-12, 2008, P-757
52. Mekonnen ZK, **Lathi RB**, Baker V, Behr B. Efficacy of preimplantation genetic screening on PGS cycles versus cancelled PGS cycles. Presented at 57<sup>th</sup> Annual Meeting of Pacific Coast Reproductive Society, Rancho Mirage, CA, April 22-26, 2009, O-2
53. Briscoe JR, Milki AA, **Lathi RB**. Does cytogenetic testing of sporadic miscarriages predict success of subsequent pregnancy? Presented at 57<sup>th</sup> Annual Meeting of Pacific Coast Reproductive Society, Rancho Mirage, CA, April 22-26, 2009, O-5
54. Flyckt R, O'Leary K, Shahine L, Westphal L, **Lathi RB**. Miscarriage rates in patients with recurrent pregnancy loss (RPL) undergoing oocyte donation (OD). Presented at 2009 Annual Meeting of the American Society for Reproductive Medicine, Atlanta, GA, October 17-21, 2009, P-12
55. Friedman BE, Behr B, Sylla R, Baker VL, Westphal LM, **Lathi RB**. The effect of laser-assisted hatching on implantation and pregnancy rates of frozen-thawed blastocysts. Presented at American Society for Reproductive Medicine 20<sup>th</sup> World Congress on Fertility and Sterility, Munich Germany, September 12-16, 2010, P-559
56. **Lathi RB**, Johnson D, Massie JAM, Loring M, Keller J, Rabinowitz M. Molecular karyotype of products of conception using single nucleotide polymorphism microarrays. Presented at American Society for Reproductive Medicine 20<sup>th</sup> World Congress on Fertility and Sterility, Munich Germany, September 12-16, 2010, P-299
57. **Lathi RB**, Milki AA, Westphal LM, Massie JAM, Gebhardt J, Behr B. Preimplantation genetic screening (PGS) on frozen thawed blastocysts: a case series. Presented at American Society for Reproductive Medicine 20<sup>th</sup> World Congress on Fertility and Sterility, Munich Germany, September 12-16, 2010, P-115
58. Banerjee P, Choi B, **Lathi RB**, Westphal LM, Wong WH, Yao MWM. Personalized prediction of live birth outcomes in IVF. Presented at American Society for Reproductive Medicine 20<sup>th</sup> World Congress on Fertility and Sterility, Munich Germany, September 12-16, 2010, O-179
59. Maas KH, Krieg S, Dosiou C, Nayak N, Linda GC, **Lathi RB**. Characterization of a recurrent pregnancy loss gene expression signature in peripheral blood leukocytes (PBL). Presented at American Society for Reproductive Medicine 20<sup>th</sup> World Congress on Fertility and Sterility, Munich Germany, September 12-16, 2010, O-161 **Prize Poster**
60. Donnely P, Friedman B, **Lathi RB**. Incidence of Moderate to Severe Depression in Recurrent Pregnancy Loss Patients. Presented at 59<sup>th</sup> Annual Meeting of The Pacific Coast Reproductive Society, Rancho Mirage, CA, April 13-17, 2011, P-39
61. Fisher SL, Langen ES, Lamb JD, **Lathi RB**, Milki AA, Westphal LM. Asian Ethnicity and Comparable Outcomes After Frozen Blastocyst Transfer. Presented at the 59<sup>th</sup> Annual Meeting of The Pacific Coast Reproductive Society, Rancho Mirage, CA, April 13-17 2011, P-19

62. Fisher SL, Mukherjee G, Baker VL, Westphal LM, Milki AA, Ma C, **Lathi RB**. First Trimester Testosterone After Ovarian Stimulation and Its Effect on Pregnancy Outcomes. Presented at the 59th Annual Meeting of The Pacific Coast Reproductive Society, Rancho Mirage, CA, April 13-17 2011, P-18
63. Friedman BE, Pao S, Westphal LM, **Lathi RB**. Successful Oocyte Retrieval and Fertilization Following Continued Stimulation 5 Days Beyond Ovulation. Presented at the 59th Annual Meeting of The Pacific Coast Reproductive Society, Rancho Mirage, CA, April 13-17 2011, P-15
64. O'Leary K, **Lathi RB**, Turek P, Westphal LM. A Case of Acquired Nonobstructive Azoospermia. Presented at the 59th Annual Meeting of The Pacific Coast Reproductive Society, Rancho Mirage, CA, April 13-17 2011, P-6
65. Massie JAM, Karpman E, **Lathi RB**. Miscarriage Due to Sperm-Derived Embryonic Aneuploidy in the Setting of Recurrent Early Pregnancy Loss: A Case Report. Presented at the 59th Annual Meeting of The Pacific Coast Reproductive Society, Rancho Mirage, CA, April 13-17 2011, P-30
66. **Lathi RB**, Sigurjonsson S, Keller J, Maisenbacher M, Demko Z, Rabinowitz M. Informatics-based Molecular Karyotyping of Products of Conception (POC) with Maternal Cell Contamination (MCC) Detection: Report on 344 consecutive analyses. Presented at the 67th Annual Meeting of the American Society for Reproductive Medicine, Orlando, FL, October 15-19, 2011, O-111 *Prize Paper Session*
67. **Lathi RB**, Huynh D, Keller J, Dikan J, Rabinowitz M. Patient Desire for Chromosome Analyses of Products of Conception Following Miscarriage: A national survey. Presented at the 67th Annual Meeting of the American Society for Reproductive Medicine, Orlando, FL, October 15-19, 2011, O-309
68. **Lathi RB**, Stephenson M, Hickock LR. Miscarriage Chromosome Testing is Useful in Evaluating and Managing Recurrent Pregnancy Loss. Presented at the 67th Annual Meeting of the American Society for Reproductive Medicine, Orlando, FL, October 15-19, 2011.
69. **Lathi RB**, Sigurjonsson S, Keller J, Demko Z, Rabinowitz M. Parental Origin of Aneuploidy in First Trimester Miscarriages. Presented at Pacific Coast Reproductive Society Annual Meeting 60th Anniversary Celebration 2012 Conference, Rancho Mirage, CA, April 18 to 22, 2012, O-4.
70. Peretto CO, **Lathi RB**. Incidence of Endometritis in Recurrent Pregnancy Loss Patients. Presented at Pacific Coast Reproductive Society Annual Meeting 60th Anniversary Celebration 2012 Conference, Rancho Mirage, CA, April 18 to 22, 2012, P-7.
71. McNally L, **Lathi RB**, Huynh D, Keller J, Dikan J, Rabinowitz M. Characterization of Patient Recovery After First Trimester Miscarriage: Results From A National Survey. Presented at Pacific Coast Reproductive Society Annual Meeting 60th Anniversary Celebration 2012 Conference, Rancho Mirage, CA, April 18 to 22, 2012, P-51.
72. Marshall FE, Behr B, **Lathi RB**. Oocyte Defects Leading to Triploid Miscarriages After Donor Oocyte IVF. Presented at Pacific Coast Reproductive Society Annual Meeting 60th Anniversary Celebration 2012 Conference, Rancho Mirage, CA, April 18 to 22, 2012, P-65.
73. Friedman BE, Chavez SL, Behr B, **Lathi RB**, Baker VL, Reijo Pera RA. Non-invasive imaging for the detection of human embryonic aneuploidy at the blastocyst stage. Presented at American Society for Reproductive Medicine 2012 Conference, San Diego, CA, October 20 to 24, 2012, O-123.

74. Grifo J, Danzer H, Taylor T, Laskin C, **Lathi RB**, Munne S. Idiopathic recurrent pregnancy loss is mostly caused by aneuploid embryos. Presented at American Society for Reproductive Medicine 2012 Conference, San Diego, CA, October 20 to 24, 2012, O-177.
75. **Lathi RB**, Maisenbacher M, Sigurjonsson S, Keller J, Demko Z, Rabinowitz M. Informatics-based molecular karyotyping of products of conception (POC) preserved in paraffin with maternal cell contamination (MCC) detection: report on 46 consecutive analyses. Presented at American Society for Reproductive Medicine 2012 Conference, San Diego, CA, October 20 to 24, 2012, P-269.
76. Idowu D, Merrion K, Wemmer N, Mash J, Pettersen B, Kijacic D, **Lathi RB**. Results of 24 Chromosome SNP Microarray Analysis of Preimplantation Embryos in Couples with Balanced Reciprocal or Robertsonian Translocations. Presented at Pacific Coast Reproductive Society 2013 Annual Conference, Indian Wells, CA, April 17 to 21, 2013, P-14.
77. Perfetto CO, Hazard FK, **Lathi RB**. Incidence of Chronic Endometritis and Subsequent Pregnancy Outcomes in Patients with Recurrent Pregnancy Loss. Presented at Pacific Coast Reproductive Society 2013 Annual Conference, Indian Wells, CA, April 17 to 21, 2013, P-10.
78. Kort J, Kim S, **Lathi RB**. A Cohort Study to Evaluate the Impact of Weight Loss on Fertility Outcomes in an Overweight/obese Population. Presented at Pacific Coast Reproductive Society 2013 Annual Conference, Indian Wells, CA, April 17 to 21, 2013.
79. **Lathi RB**, Liebert CA, Brookfeild K, Fujimoto VY, Vomsaal FS, Baker VL. Maternal Serum Biphenol-A (BPA) Level is Positively Associated with Miscarriage Risk. Presented at Conjoint Meeting of the International Federation of Fertility Societies and the American Society for Reproductive Medicine 2013 Conference, Boston, MA, October 12 to 17, 2013, O-61.
80. Kort JD, Zhao Q, **Lathi RB**, Baker V, Behr B. To Biopsy or Not To Biopsy: Nonblastocysts on Day 5. Presented at Conjoint Meeting of the International Federation of Fertility Societies and the American Society for Reproductive Medicine 2013 Conference, Boston, MA, October 12 to 17, 2013, O-119.
81. Gustin SLF, Zhao Q, Behr B, **Lathi RB**. Leveling the Playing Field – Embryo Transfers After Trophectoderm Biopsy Have Similar Outcomes in Fresh and Frozen Cycles. Presented at Conjoint Meeting of the International Federation of Fertility Societies and the American Society for Reproductive Medicine 2013 Conference, Boston, MA, October 12 to 17, 2013, P-161.
82. Idowu D, Merrion K, Wemmer N, Mash J, Pettersen B, **Lathi RB**. Pregnancy Outcomes Following 24-Chromosome Single Nucleotide Polymorphism (SNP) Microarray Analysis of Preimplantation Embryos in Couples with Balanced Reciprocal or Robertsonian Translocations. Presented at Conjoint Meeting of the International Federation of Fertility Societies and the American Society for Reproductive Medicine 2013 Conference, Boston, MA, October 12 to 17, 2013, P-182.
83. Massie JAM, **Lathi RB**. Embryonic Karyotype as a Prognostic Indicator in Women with Unexplained Recurrent Pregnancy Loss. Presented at Conjoint Meeting of the International Federation of Fertility Societies and the American Society for Reproductive Medicine 2013 Conference, Boston, MA, October 12 to 17, 2013, P-534.
84. Perfetto CO, **Lathi RB**. Time to Next Pregnancy in Spontaneous Pregnancies Versus Treatment Cycles in Patients with Recurrent Pregnancy Loss. Presented at Conjoint Meeting

of the International Federation of Fertility Societies and the American Society for Reproductive Medicine 2013 Conference, Boston, MA, October 12 to 17, 2013, P-540.

85. Berger VK, Gustin S, Chouldechova A, **Lathi RB**. Obstetrical Outcomes in Patients with Recurrent Pregnancy Loss. Presented at Conjoint Meeting of the International Federation of Fertility Societies and the American Society for Reproductive Medicine 2013 Conference, Boston, MA, October 12 to 17, 2013, P-541.
86. Anand P, Baker VL, **Lathi RB**. Risk of Aneuploidy in Miscarriages after IVF is Associated with Low Oocyte Yield. Presented at Conjoint Meeting of the International Federation of Fertility Societies and the American Society for Reproductive Medicine 2013 Conference, Boston, MA, October 12 to 17, 2013, P-547.
87. Maisenbacher MK, Clark DM, Cheung E, Pettersen B, **Lathi RB**, Rabinowitz M. Informatics-Based Molecular Karyotyping of Products of Conception (POC): Focus on Molar Pregnancies. Presented at Conjoint Meeting of the International Federation of Fertility Societies and the American Society for Reproductive Medicine 2013 Conference, Boston, MA, October 12 to 17, 2013, P-562.
88. **Lathi RB**, Ruiz M, Gómez E, Rincon-Bertolin A, Blesa D, Simón C. Obesity and Endometrial Receptivity as Assessed by the Endometrial Receptivity Array (ERA). Presented at Pacific Coast Reproductive Society 2014 Annual Conference, Indian Wells, CA, March 19 to 23, 2014, P-56.
89. Kort J, **Lathi RB**, Zhao Q, Behr B, Baker VL. Are Anti-Müllerian Hormone Levels Predictive of Aneuploidy Rates? Presented at Pacific Coast Reproductive Society 2014 Annual Conference, Indian Wells, CA, March 19 to 23, 2014.
90. Kort J, **Lathi RB**, Baker VL, Zhao Q, Behr B. Day 5 “Early Blastocysts”: Worthy of a Biopsy in IVF Cycles with PGS? Presented at Pacific Coast Reproductive Society 2014 Annual Conference, Indian Wells, CA, March 19 to 23, 2014.
91. Comstock IA, Behr B, **Lathi RB**. Increased Body Mass Index Negatively Impacts Blastocyst Formation Rate in Patients Undergoing In Vitro Fertilization. Presented at Pacific Coast Reproductive Society 2014 Annual Conference, Indian Wells, CA, March 19 to 23, 2014, P-25.

## INVITED PROFESSIONAL LECTURES

September 2003	Primary Care Lecture Series - “Progesterone Contraception Options”
May 2005	Bay Area REI Nurse Lecture Series- San Francisco, CA, “FDA Regulations for Screening Prospective Donors of Reproductive Tissues”
June 2006	Stanford University, Obstetrics & Gynecology Annual CME Symposium – “Recurrent Pregnancy Loss”
June 2006	Stanford University, Controversies in Women’s Health Course – “Ethics in Reproductive Technologies”
June 2007	International Women Health Symposium Juarez, Mexico - “Assisted Reproductive Technologies”

June 2007 International Women Health Symposium, Juarez, Mexico - "Recurrent Pregnancy Loss"

2008 Stanford OB/GYN Grand Rounds – "Recurrent Pregnancy Loss"

2008 Stanford OB/GYN Resident Journal Club – "Gender Selection in ART"

January 2009 "Utilizing fetal karyotypes to study miscarriage" Stem Cell and Reproductive Biology Symposium, Stanford, California

January 2009 "Recurrent Pregnancy Loss: Maternal and Fetal Causes", Mid-Coastal California Perinatal Outreach Program 29<sup>th</sup> Annual Meeting.

May 2010 "Miscarriage after IVF" -Lecture  
"Recurrent Pregnancy Loss"-Workshop, Midwest Reproductive Society.

May 2011 Marin General Hospital OB/GYN Grand Rounds - "Recurrent Pregnancy Loss"

May 2011 Stanford University OB/GYN Clerkship Lecture – "Amenorrhea"

October 2011 National Society for Genetic Counselors, Annual Conference - "New Technologies in Pre-implantation Genetic Screening with In Vitro Fertilization"

October 2011 American Society for Reproductive Medicine – Interactive Session Chair: "Should chromosome testing be routinely done at the time of the second miscarriage?"

Jan 2012 Georgetown OB/GYN Grand Rounds, Washington DC.- "Recurrent Pregnancy Loss: Maternal and Fetal Causes."

April 2012 Pacific Coast Reproductive Society, Annual Conference – "Recurrent Pregnancy Loss: Maternal and Fetal Causes."

May 2012 Midwest Reproductive Symposium – "Recurrent Pregnancy Loss: Where to Start? How to Treat?"

October 2012 The American College of Obstetrics and Gynecology, Armed Forces District, Annual Meeting – Primary Speaker: "Evidence based management of recurrent pregnancy loss."

October 2012 American Society for Reproductive Medicine – Interactive Session Speaker: Society of Reproductive Endocrinology and Infertility: "A non-viable early pregnancy, when and how do you intervene?"

June 2013 Taiwan Obstetrics and Gynecology Society, "Recurrent Pregnancy Loss: Maternal and Fetal Cause." "Uterine evaluation before IVF."

October 2013 American Society for Reproductive Medicine – Roundtable: "Diagnosis and Management of Recurrent Implantation Failure at ART: Is This a Variant of Recurrent Miscarriage?"

February 2014 Best of American Society for Reproductive Medicine/ European Society for Human Reproduction and Embryology. Speaker. "Ectopic Pregnancy" and "Female causes of Recurrent Pregnancy Loss"

April 2014 Fertility and Sterility online Journal club moderator. "Embryo biopsy techniques for PGD"



## **FORMAL TEACHING/COURSES**

2000 – Present	Medical student clinical rotations
2003 – Present	Coordination of weekly didactic sessions, REI Fellowship
2003– Present	Stanford OB/GYN Resident Lectures– recurring topics (2003 – present) Neuroendocrinology CREOG review, Congenital Adrenal Hyperplasia, Recurrent Pregnancy Loss, Infertility.
2003 - Present	Stanford University Medical Student Lecture Series - “Infertility Workup and Diagnosis”
2003 - Present	Stanford University Medical Student Lecture Series - “Abnormal Uterine Bleeding”
2004 - Present	IVF nurse education course - “Diagnosis and treatment first trimester bleeding” annually
2005	Stanford OB/GYN Resident journal club- “PGD and its role in preventing miscarriage”
2005 – 2006	Medical Student HDD Course Lecturer - Puberty
2005 – 2009	Medical Student HDD Course Lecturer – Menstrual cycle
2006 – Present	Ob/Gyn Residency Training clinical rotations and resident research projects
2007 – Present	Medical Endocrinology Fellow Didactics – “Evaluation of the Infertile Couple”, “Assisted Reproduction”
2008	Littlefield Women’s Health Medical Forum – “Myths and Realities in ART”
2014	Mommies and Babies Course, Stanford University – “Fertility Treatment”

## **MENTORING (Past and Present)**

### Students

Charitha Reddy  
Sushma Potty  
Chelsea Ma  
Jenifer Briscoe

### Residents

Sara Mark  
Lindsay Mains  
Joyce Fu  
Musa Zamah  
Janet McClaren  
Amy Helmer

Jamie Massie  
Shirley Wang  
Inna Landres  
Katherine Fu  
Brooke Friedman  
Kevin Mass  
Rebecca Flickt  
Stephanie Fisher  
Marquard Kerri  
Leah McNally  
Jonathan Kort  
Victoria Berger  
Gaya Muragapan

#### Fellows

Eva Littman  
Melinda Henne  
Rudolpho Quintero  
Richard Burney  
Sharon Moayeri  
Lora Shahine  
Sacha Krieg  
Lynn Bently Davis  
Jamie M Massie  
Brooke Friedman  
Candice Perfetto  
Stephanie Gustin  
Ionna Comstock  
Meera Shah

#### **COMMUNITY EDUCATION**

2004 Northern California Resolve Annual Symposium - "Preventing Miscarriage"  
2005 Northern California Resolve Annual Symposium - "Ovarian Reserve Testing"

- 2006 Northern California Resolve Annual Symposium - "Female Evaluation for Infertility and Recurrent Pregnancy Loss"
- 2006 Community patient education seminar, Stanford REI Center, "Understanding Miscarriage"
- 2007 Stanford Fertility and Reproductive Medicine Center, Enhancing Fertility... Determining an Optimal Path to Pregnancy. "Myths and Reality of IVF"
- 2010 Chair of Public Health Forum- "Prevailing Over Recurrent Pregnancy Loss"
- 2011 Speaker at Stanford Women's Health Forum "Overcoming Miscarriage"
- 2011 Chair of Public Health Forum- "Prevailing Over Recurrent Pregnancy Loss"

**OTHER ACTIVITIES:**

- 2006 Roundtable chair for annual meeting of Pacific Coast Reproductive Society meeting
- 2006 Roundtable speaker, PCRS, "IVF protocols for difficult patients"
- 2006 Speaker at Stanford OB/GYN CME course "Recurrent Pregnancy Loss"
- 2007 Speaker at Stanford OB/GYN CME course "Recurrent Pregnancy Loss"
- 2008 – pres. Reviewer for Medscape Journal of Medicine, Fertility and Sterility, Human Reproduction
- 2009 Ohlone Elementary School, Auction Co-chair
- 2011 Roundtable speaker, ASRM, "Recurrent Pregnancy Loss Evaluation."
- 2013 Roundtable speaker, ASRM, "Recurrent Implantation Failure, is it the same as Recurrent Pregnancy Loss?"
- 2014 Judge for the 12th Annual Kaiser Permanente Northern California Obstetrics & Gynecology Resident Research Symposium

**MEDIA**

- June 2007 KGO radio interview. Dr. Lathi interviewed about effects of Maternal Diet on Sperm Quality in male offspring.
- Fall 2007 Women's Health Today Journal. Dr. Lathi interviewed about Five Fertility Facts Your Mother Never Told You.
- January 2008 San Jose Mercury News interview. Dr. Lathi interviewed about the effects of maternal caffeine consumption on miscarriage rate."
- May 2011 ABC News Online interview. Dr. Lathi interviewed about optimal timing for conception.
- October 2013 MyFoxBoston News Interview. Dr. Lathi interviewed about the effects of BPA and relation to infertility.

## RESEARCH INTERESTS

Recurrent miscarriage, genetic and other causes of miscarriage, preimplantation genetic diagnosis, the effects of fertility treatments on androgen levels in early pregnancy and how fertility diagnosis and treatments affect pregnancy outcomes.

## ONGOING RESEARCH PROJECTS

### *Database of pregnancies after infertility and Recurrent Pregnancy Loss*

Prospectively collecting serum and consent for outcomes research in all women with history of infertility or recurrent miscarriage. Currently enrolled over 1500 pregnancies and still enrolling. Planned projects include evaluation of testosterone levels in relationship to fertility treatments, prospective study on pregnancy outcomes of women with PCOS compared to other women undergoing fertility treatments, miscarriage rates with different diagnoses and treatments.

### *Database of karyotypes of miscarriages*

Collecting karyotype information, ultrasound findings and clinical characteristics on patients miscarrying undergoing D&Cs. Over 500 karyotypes already entered. Objective: to evaluate subsequent pregnancy outcomes and utility of workup for recurrent pregnancy loss in setting of normal and abnormal karyotypes.

### *Influence of Maternal obesity on fertility and pregnancy outcomes.*

We are enrolling obese patients with recurrent pregnancy loss in a randomized controlled study or an observational cohort study to describe the impact of obesity on reproductive outcomes and the impact of weight loss on these outcomes. In addition, a larger cohort of obese infertile women is being followed who have been referred for weight loss counseling. Outcomes such as time to successful pregnancy, need for additional fertility interventions and pregnancy complications will be evaluated.

PO1 HD065647-01A1

Sponsor: NIH/NICHD

Contribution of the Corpus Luteum to Obstetrical and Neonatal Outcomes of Pregnancies

Conceived by Assisted Reproductive Technology

2011-2016

Under the overall leadership of Kirk Conrad, MD, Professor in the Departments of Physiology and Functional Genomics & Obstetrics and Gynecology, University of Florida College of Medicine this program project will examine the putative dysfunction in maternal cardiovascular adaptation to pregnancy and effect of that dysfunction on outcomes from Assisted Reproductive Technology.

## COMPLETED RESEARCH

Organon (PI: Westphal)

“A randomized, open-label clinical trial to identify predictive factors for controlled ovarian stimulation using a fixed daily dose of 200 IU of recombinant FSH in a GnRH antagonist regimen with or without oral contraceptive scheduling”

Sub-Investigator

June 2007

Genesis (PI: Westphal)

Preimplantation Genetic Diagnosis (PGD) as both a diagnostic and therapeutic tool in assisted reproductive technology (ART), and PGD as a tool to lower multiple gestation rates.

Sub-investigator  
March 2004-September 2006

Ferring (PI: Westphal)  
Aromatase inhibitors for IVF poor responders.  
Sub-investigator  
July 2004-May 2006.

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