

1240 North Mission Avenue
Los Angeles, California 90033

Fellowship

Los Angeles County + University of Southern
California Medical Center
Women's and Children's Hospital
Department of Obstetrics and Gynecology
Division of Reproductive
Endocrinology & Infertility
Room 8K9
1240 North Mission Avenue
Los Angeles, California 90033

Title

Clinical Assistant Professor
Department of Obstetrics and Gynecology
Division Reproductive Endocrinology & Infertility
University of Southern California
Keck School of Medicine

Board Certification

Obstetrics and Gynecology
Reproductive Endocrinology and Infertility

Honors and Awards

Serono In-Training Award for first place oral presentation; "A randomized trial comparing clomiphene citrate with tamoxifen for ovulation induction in obese anovulatory women". Presented at the 47th Annual meeting of the Pacific Coast Reproductive Society, La Costa, California, April 1999.

American Society for Reproductive Medicine, Wyeth-Ayerst Resident/Fellow Report "The conservative management of uterine leiomyomata". San Francisco, California, September 1999.

Professional Background

Specific Teaching Responsibilities

Teach Year III medical students, Year IV medical students, interns and residents clinical gynecology, reproductive endocrinology and infertility

Surgical Attending, Division of Gynecology

Attending Physician, Women's Hospital Outpatient Hysteroscopy Clinic

Speaking Committees

Pfizer Pharmaceutical National OB/GYN Speaker's Alliance

TAP Pharmaceutical Speaker's Bureau

Parke-Davis Pharmaceutical Speaker's Bureau

Wyeth-Ayerst Pharmaceutical Speaker's Bureau

Society Memberships

American Association of Gynecological Laparoscopists

American Society of Reproductive Medicine

American College of Obstetrics and Gynecology

Pacific Coast Reproductive Society

Research Activities

Major Areas of Research

Metabolic, Cognitive and Psychosexual Effects of Hormone Replacement Therapy
Selective Estrogen Receptor Modulator effects on Infertility
Selective Estrogen Receptor Modulator effects on Endometrial and Ovarian Cancer
Assisted Reproductive Technologies and extended embryo culture of Human Blastocysts
Assisted Reproductive Technologies and Oocyte Donation in Menopausal Women
Gonadotropin Releasing Hormone Antagonist effects during Controlled Ovarian Hyperstimulation

Publications

Peer Review Journals

1. **Boostanfar R**, Jain JK, Mishell DR, Paulson RJ. A prospective randomized trial comparing clomiphene citrate with tamoxifen citrate for ovulation induction. *Fertility and Sterility*. May 2001, Volume 75, No.5, pages 1024-1026.
2. **Boostanfar R**, Jain JK, Slater CC, Tourgeman DE, Francis M, Paulson RJ. The prognostic significance of day 3 embryo cleavage stage on subsequent blastocyst

development in a sequential culture system. *Journal of Assisted Reproduction and Genetics*. 2001, Vol. 18, No. 10, pages 548-550.

3. Tourgeman DE, **Boostanfar R**, Chang L, Lu J, Stanczyk FZ, Paulson RJ. Is there evidence for preferential delivery of ovarian estradiol to the endometrium? *Fertility and Sterility*. June 2001, Volume 75, No. 6, Pages 1156-1158.

4. Slater CC, Zhang C, Hodis HN, Mack WJ, **Boostanfar R**, Shoupe D, Paulson RJ, FZ Stanczyk. Comparison of Estrogen and Androgen Levels After Oral Estrogen Replacement Therapy. *The Journal of Reproductive Medicine*. December 2001, Vol. 46, No. 12, pages 1052-1056.

5. Paulson RJ, **Boostanfar R**, Saadat P, Mor E, Tourgeman D, Slater C, Francis M, Jain J. Pregnancy in the Sixth Decade of Life: Obstetric Outcomes in Women of Advanced Reproductive Age. *JAMA* November 2002, Vol. 288 No. 18 2320-2323.

6. **Boostanfar R**, Amezcua C, Tourgeman DE, Roy S, Stanczyk FZ, Felix JC, Paulson RJ. The growth effects of raloxifene, estradiol, medroxyprogesterone acetate and progesterone on human endometrial adenocarcinoma cells. *Fertility and Sterility* January 2003, Volume 79, No. 1, Pages 223-225.

7. Jain JK, **Boostanfar R**, Slater, CS, Francis MF, Paulson RJ. Monozygotic Twins and Triplets in Association with Blastocyst Transfer. *Journal of Assisted Reproduction and Genetics*, April 2004, Volume 21, No. 4, Pages 103-107.

8. Saadat P, **Boostanfar R**, Slater CS, Tourgeman DE, Stanczyk FZ, Paulson RJ. Accelerated Endometrial Maturation In the Luteal Phase of Cycles Utilizing Controlled Ovarian Hyperstimulation: Impact of Gonadotropin-Releasing Hormone Agonists vs. Antagonists. *Fertility and Sterility* July 2004. Volume 82, No. 1, Pages 167-171.

9. Wang H, Wen Y, Polan M, **Boostanfar R**, Feinman F, Behr B. Exogenous Granulocyte-Macrophage Colony Stimulating Factor Promotes Follicular Development In The Newborn Rat In Vivo. *Human Reproduction*, June 2005.

Chapters

1. **Boostanfar R**, Roy S: *Genital Herpes*. In: Management of Common Problems in Obstetrics and Gynecology. Fourth Edition. Mishell DR Jr, Goodwin TM, Brenner PF (eds.), Blackwell Science Publications, Boston, Massachusetts.

2. **Boostanfar R**, Roy S: *Wound Infections*. In: Management of Common Problems in Obstetrics and Gynecology. Fourth Edition. Mishell DR Jr, Goodwin TM, Brenner PF (eds.), Blackwell Science Publications, Boston, Massachusetts.

3. **Boostanfar R**, Roy S: *Rectovaginal Injuries*. In: Management of Common Problems in Obstetrics and Gynecology. Fourth Edition. Mishell DR Jr, Goodwin TM, Brenner PF (eds.), Blackwell Science Publications, Boston, Massachusetts.

4. **Boostanfar R**, Stanczyk F, Paulson RJ, Roy S: *Diagnosis of Pregnancy*. In: Management of Common Problems in Obstetrics and Gynecology. Fourth Edition. Mishell DR Jr, Goodwin TM, Brenner PF (eds.), Blackwell Science Publications, Boston, Massachusetts.

5. Saadat P, **Boostanfar R**, Roy S: *Postpartum Endometritis*. In: Management of Common Problems in Obstetrics and Gynecology. Fourth Edition. Mishell DR Jr, Goodwin TM, Brenner PF (eds.), Blackwell Science Publications, Boston, Massachusetts.

Scientific

1. Kjos SL, **Boostanfar R**, Pezeshki K, Rafi I, Sanchez L, Bernstein GS, Kovacs A. Effects of medroxyprogesterone acetate on CD4 levels in HIV positive women. Presented at the Association of Reproductive Health Professionals, 1994. Washington D.C.

2. Pezeshki K, **Boostanfar R**, Kjos SL. High estrogen dose oral contraceptives in women using anti-epileptic drugs may not protect against pregnancy. Presented at the Association of Reproductive Health Professionals, 1994. Washington D.C.

3. **Boostanfar R**, Jain JK, Paulson RJ, Mishell DR Jr. A randomized trial comparing clomiphene citrate with tamoxifen for ovulation induction in obese anovulatory women. Presented at the 47th Annual Meeting of the Pacific Coast Reproductive Society, April 15-18, 1999, La Costa, California.

4. **Boostanfar R**, Amezcua C, Tourgeman DE, Roy S, Stanczyk FZ, Felix J. The growth inhibitory effects of raloxifene on human endometrial adenocarcinoma ishikawa cells. Presented at the Society for Gynecologic Investigation, March 22-25, 2000, Chicago, Illinois.

5. **Boostanfar R**, Jain JK, Tourgeman DE, Slater CC, Francis MM, Paulson RJ. Blastocyst transfer is associated with an increased rate of monozygotic twins. Presented at the 48th Annual meeting of the Pacific Coast Reproductive Society, April 26-30, 2000, Rancho Mirage, California.

6. **Boostanfar R**, Jain JK, Paulson RJ, Mishell Dr Jr. A prospective randomized trial comparing clomiphene citrate with tamoxifen citrate for ovulation induction. Presented at the 56th Annual Meeting of the American Society of Reproductive Medicine, October 21-26, 2000, San Diego, California.

7. Saadat P. **Boostanfar R**, Stanczyk FZ, Paulson RJ, Buckwalter G, Roy S. Effects of conjugated estrogens and medroxyprogesterone acetate or micronized progesterone on mood, libido and serum endocrine markers in postmenopausal women. Presented at the 56th Annual Meeting of the Obstetrical and Gynecological Assembly of Southern California, February 2, 2001, Los Angeles, California.

8. **Boostanfar R**, Tourgeman, D, Amezcua C, Goharkay N, Roy S, Stanczyk FZ, Felix J. The comparative effects of raloxifene and progestins on endometrial adenocarcinoma cells in vitro. Presented at the 56th Annual Meeting of the Obstetrical and Gynecological Assembly of Southern California, February 2, 2001, Los Angeles, California.
9. Tourgeman DE, **Boostanfar R**, Chang L, Lu J, Stanczyk FZ, Paulson RJ. Is there evidence for preferential delivery of ovarian estradiol to the endometrium? Presented at the 56th Annual Meeting of the Obstetrical and Gynecological Assembly of Southern California, February 2, 2001, Los Angeles, California.
10. **Boostanfar R**, Melnik M, Amezcua C, Roy S, Stanczyk FZ, Felix J. The growth effects of raloxifene, medroxyprogesterone acetate and progesterone on human endometrial adenocarcinoma ishikawa cells. Presented at the Society for Gynecologic Investigation, March 21-24, 2001, Toronto, Canada.
11. **Boostanfar R**, Jain JK, Tourgeman DE, Slater CC, Francis MM, Paulson RJ. High order multiple gestations as a result of monozygotic twinning associated with advanced embryo culture and blastocyst transfer. Presented at the Society for Gynecologic Investigation, March 21-24, 2001, Toronto, Canada.
12. Saadat P. **Boostanfar R**, Stanczyk FZ, Paulson RJ, Buckwalter G, Roy S. Effect of hormone replacement therapy containing medroxyprogesterone acetate or micronized progesterone on mood, libido and serum endocrine markers in postmenopausal women. Presented at the Society for Gynecologic Investigation, March 21-24, 2001, Toronto, Canada.
13. Tourgeman DE, Lu JJ, **Boostanfar R**, Zheng W, Stanczyk FZ, Felix J, Paulson RJ. Gonadotropin modulation of ovarian neoplastic cell proliferation in vitro. . Presented at the 49th Annual meeting of the Pacific Coast Reproductive Society, April 25-29, 2001, Rancho Mirage, California.
14. **Boostanfar R**, Jain JK. Pregnancy outcome and clomiphene citrate dose. Presented at the 49th Annual meeting of the Pacific Coast Reproductive Society, April 25-29, 2001, Rancho Mirage, California.
15. **Boostanfar R**, Sorenson L, Ambroggio J, Jain JK, Slater CC, Francis MM, Paulson RJ. Pregnancy outcome in women 50 or more years of age: A decade of experience. Presented at the 49th Annual meeting of the Pacific Coast Reproductive Society, April 25-29, 2001, Rancho Mirage, California.
16. Tourgeman DE, Amezcua, **Boostanfar R**, Stanczyk FZ, Felix J, Paulson RJ. Agonistic effects of raloxifene on ovarian adenocarcinoma (OVCAR-3) cells. Presented at The European Society of Human Reproduction and Embryology, July 1-4, 2001 Lausanne, Switzerland.

17. **Boostanfar R**, Jain JK, Slater CC, Tourgeman DE, Francis M, Paulson RJ. The prognostic significance of day 3 embryo cleavage stage on subsequent blastocyst development in a sequential culture system. Presented at The European Society of Human Reproduction and Embryology, July 1-4, 2001 Lausanne, Switzerland.
18. **Boostanfar R**, Campeau JD, Saadat P, Jain JK, Slater CC, Tourgeman DE, diZerega GS, Kobak WH. Use of the Harmonic Scalpel as a novel technique for distal neosalpingostomy. Presented at the American Association of Gynecologic Laparoscopists, November 16-19, 2001 San Francisco, California.
19. **Boostanfar R**, Saadat P, Poysky J, Stanczyk FZ, Buckwalter G, Roy S. Serum endocrine markers and psychosexual mood in postmenopausal women: is there a difference between transdermal and oral HRT? Presented at the 57th Annual Meeting of the American Society of Reproductive Medicine, October 20-25, 2001, Orlando, Florida.
20. Saadat P, **Boostanfar R**, Poysky J, Stanczyk FZ, Buckwalter G, Roy S. Cognitive Function during hormone replacement therapy. Presented at the Society for Gynecologic Investigation, March 20-23, 2002, Los Angeles, California.
21. **Boostanfar R**, Abbassi D, Tourgeman DE, Saadat P, Jain JK, Mishell DR, Paulson RJ. The comparative efficacy of Tamoxifen and Clomiphene Citrate in obese and non-obese women: A prospective randomized trial. Presented at the 50th Annual meeting of the Pacific Coast Reproductive Society, April 18-21, 2002, Rancho Mirage, California.
22. **Boostanfar R**, Saadat P, Klumph S, Slater C, Jain JK, Paulson RJ. Accelerated endometrial maturation in the luteal phase of cycles utilizing controlled ovarian hyperstimulation: Impact of GnRH agonists vs. antagonists. Presented at the 50th Annual meeting of the Pacific Coast Reproductive Society, April 18-21, 2002, Rancho Mirage, California.
23. Saadat P, **Boostanfar R**, Mor E, Stanczyk FZ, Paulson RJ, Buckwalter G, Roy S. The effects of oral and transdermal hormone replacement therapy on serum free testosterone levels in postmenopausal women. Presented at the 50th Annual meeting of the Pacific Coast Reproductive Society, April 18-21, 2002, Rancho Mirage, California.
24. Saadat P, **Boostanfar R**, Poysky J, Stanczyk FZ, Buckwalter G, Roy S. A randomized prospective study comparing the effects of micronized progesterone and medroxyprogesterone acetate on mood and libido. Presented at the 50th Annual meeting of the Pacific Coast Reproductive Society, April 18-21, 2002, Rancho Mirage, California.
25. Hsieh K, **Boostanfar R**, Slater CC. Distal Tubal Neosalpingostomy; A Retrospective Analysis of Laparoscopy vs. Laparotomy. Presented at University of Southern California Medical Research Symposium, April 24, 2002.
26. Roy S, **Boostanfar R**, Saadat P, Poysky J, Stanczyk FZ, Buckwalter G. Serum Endocrine Markers and Psychosexual Mood in Postmenopausal Women: The Difference

Between Transdermal and Oral HRT. Presented at the Berlin World Congress on the Menopause. June 13, 2002.

27. **Boostanfar R**, Abbassi D, Tourgeman DE, Saadat P, Jain JK, Mishell DR, Paulson RJ. The comparative efficacy of Tamoxifen and Clomiphene Citrate in obese and non-obese women: A prospective randomized trial. Presented at the 50th Annual meeting of the Pacific Coast Reproductive Society, April 18-21, 2002, Rancho Mirage, California.

28. Mor E, **Boostanfar R**, Saadat P, Tourgeman DE, Slater CC, Paulson RJ. Pregnancy outcome at the upper extreme of reproductive range: A comparison of two recipient groups. Presented at the 58th Annual Meeting of the American Society of Reproductive Medicine, October 12-17 2002, Seattle, Washington.

29. Saadat P, **Boostanfar R**, Abbassi D, Tourgeman DE, Jain JK, Mishell DR, Paulson RJ. The effects of Tamoxifen and Clomiphene Citrate in obese and non-obese women: A randomized trial. Presented at the 71st Anniversary Pacific Coast Obstetrical and Gynecological Society, October 22-27, 2002, Rancho Mirage, California.

30. **Boostanfar R**, Saadat P, Abbassi D, Tourgeman DE, Jain JK, Mishell DR, Paulson RJ. The effects of Tamoxifen and Clomiphene Citrate in obese and non-obese women: A randomized trial. Presented at the 58th Annual Meeting of the Obstetrical and Gynecological Assembly of Southern California, February 14, 2003, Los Angeles, California.

31. **Boostanfar R**, Ivakhnenko V, Potter D, Feinman M, Behr B. Preimplantation genetic diagnosis after density gradient separation of the X and Y-bearing human spermatozoa. Presented at the 51st Annual meeting of the Pacific Coast Reproductive Society, April 24-27, 2003, Rancho Mirage, California.

32. Feinman M, **Boostanfar R**, Le A, Potter D, Khoury C, Behr B. Culturing cryopreserved cleavage stage embryos to blastocysts is a cost-effective method of utilizing frozen embryos. Presented at the 60th Annual Meeting of the American Society of Reproductive Medicine, October 16-20 2004, Philadelphia, PA.

33. Feinman M, **Boostanfar R**, A. Le, C. Gao. A comparison of down-regulation vs. antagonist protocols in ovum donor cycles... Presented at the 60th Annual Meeting of the American Society of Reproductive Medicine, October 16-20 2004, Philadelphia, PA.

34. Wang H, Le A, **Boostanfar R**, Feinman M, Behr B. Regulation of CYP17 Expression in Theca-Interstitial Cells by GM-CSF. Presented at the 53rd Annual meeting of the Pacific Coast Reproductive Society, May 4-8, 2005, Indian Wells, California.

35. Wang H, Le A, **Boostanfar R**, Feinman M, Behr B. The Clinical Outcomes of Cryopreserved Pronuclear Embryos from Standard IVF and ICSI. Presented at the 53rd Annual meeting of the Pacific Coast Reproductive Society, May 4-8, 2005, Indian Wells, California.

36. Wang H, Le A, **Boostanfar R**, Feinman M, Behr B. Postthaw Embryo Compaction is Predictive of the Success of Frozen-Thawed Transfer. Presented at the 2005 Conjoint Annual Meeting of the American Society of Reproductive Medicine and the Canadian Fertility and Andrology Society, October 15-19 2005, Montreal, Quebec.

37. **Boostanfar R**, Feinman M, Le A, Wang H, Behr B. Office Administration of Single Dose GnRH Antagonist: Minimizing Patient Injections Utilizing a Simple and Highly Effective IVF Protocol. Presented at the 2005 Conjoint Annual Meeting of the American Society of Reproductive Medicine and the Canadian Fertility and Andrology Society, October 15-19 2005, Montreal, Quebec.

38. **Boostanfar R**, Ivankhenko V, Le A, Feinman M, Behr B, Potter D. MicroSort and P.G.D.: Separating the Boys from the Girls. Presented at the 54th Annual meeting of the Pacific Coast Reproductive Society, April 26-30, 2006, Indian Wells, California.

39. Le A, **Boostanfar R**, Feinman M, Wang H, Behr B. Comparison of Ultrasound Guided and Traditional Blind Embryo Transfer on Pregnancy Rate Outcome. Presented at the 54th Annual meeting of the Pacific Coast Reproductive Society, April 26-30, 2006, Indian Wells, California.