Lynn Marie Westphal, M.D.
Professor of Obstetrics and Gynecology (Reproductive Endocrinology and Infertility) at Stanford University Medical Center, Emerita
Obstetrics & Gynecology - Reproductive Endocrinology & Infertility

CONTACT INFORMATION
• Administrative Contact
  Tracy Lindsay - Administrative Associate
  Email: tracyl@stanford.edu
  Tel: 650.498.7408

Bio

BIO
Lynn Marie Westphal, M.D., FACOG, graduated summa cum laude from Lawrence University, earned her M.D. degree at Stanford University, and did her residency training in obstetrics and gynecology at UCLA and Stanford University. She did a fellowship in molecular biology at Stanford University and completed her fellowship in Reproductive Endocrinology and Infertility (REI) at UCSF.

Dr. Westphal joined the full-time faculty at Stanford University in 1998 and retired from Stanford in 2019, and is Professor Emeritus in the Department of Gynecology and Obstetrics. She is the former Director of the Fertility Preservation Program, former Director of the Third Party Reproduction Program, and former Director of the REI Fellowship. Her interest in fertility preservation for cancer survivors led her to set up one of the first oocyte cryopreservation programs in the country. She has held numerous national leadership positions and was the President of the Fertility Preservation Special Interest Group of the American Society of Reproductive Medicine from 2008-2009. She was the Director of Women’s Health at Stanford from 2005-2012. In 2012, she co-founded the Stanford Center for Health Research on Women and Sex Differences in Medicine (WSDM) and served as co-director of the program for two years.

ACADEMIC APPOINTMENTS
• Emeritus Faculty - University Medical Line, Obstetrics & Gynecology - Reproductive Endocrinology & Infertility
• Member, Bio-X
• Member, Stanford Cancer Institute

ADMINISTRATIVE APPOINTMENTS
• Co-Founder and Co-Director, Center for Health Research on Women and Sex Differences in Medicine, (2012-2014)
• Director, Women's Health - Stanford, (2005-2012)
• Member, Stanford Comprehensive Cancer Center, (2007- present)
• Member, Stanford Cardiovascular Institute, (2006- present)
• Co-Director, Women's Health and Sex Differences Scholarly Application, (2006- present)
• Fellowship Director, Reproductive Endocrinology and Infertility, (2005-2019)
HONORS AND AWARDS

• Preserving Fertility in Cancer Patients, Telly Award (2005)

PROGRAM AFFILIATIONS

• Feminist, Gender, and Sexuality Studies

PROFESSIONAL EDUCATION

• Fellowship, UCSF, REI (1995)
• Fellowship, Stanford University, Endocrinology - Molecular Bio. (1993)
• Doctoral, Stanford University, Medicine (1987)

LINKS

• REI Clinic: http://obgyn.stanford.edu/rei/

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Infertility, fertility preservation, oocyte cryopreservation

Publications

PUBLICATIONS

• Installing oncofertility programs for breast cancer in limited versus optimum resource settings: Empirical data from 39 surveyed centers in Repro-Can-OPEN Study Part I & II. Journal of assisted reproduction and genetics
  Salama, M., Lambertini, M., Christianson, M. S., Jayasinghe, Y., Anazodo, A., De Vos, M., Amant, F., Stern, C., Appiah, L., Woodard, T. L., Anderson, R. A., Westphal, L. M., Leach, et al
  1800

• CHARACTERISTICS OF WOMEN REPORTING INFERTILITY IN THE WOMEN'S HEALTH INITIATIVE: CROSS-SECTIONAL STUDY.  
  Wang, A., Qin, F., Hedlin, H., Wild, R. A., Urrutia, R., Parikh, N. I., Westphal, L., Stefanick, M. L.
  ELSEVIER SCIENCE INC.2021: E405-E406

• INFLAMMATORY PROTEINS AS PREDICTORS OF DIMINISHED OVARIAN RESERVE  
  Murugappan, G., Huang, H., Grawe, A., Monseur, B., Westphal, L., Teng, N.
  ELSEVIER SCIENCE INC.2021: E4

• A View from the past into our collective future: the oncofertility consortium vision statement. Journal of assisted reproduction and genetics  
  Woodruff, T. K., Ataman-Millhouse, L., Acharya, K. S., Almeida-Santos, T., Anazodo, A., Anderson, R. A., Appiah, L., Bader, J., Becktell, K., Brannigan, R. E., Breech, L., Bourlon, M. T., Bumbuliene, et al
  2021

• Reproductive history and osteoarthritis in the Women's Health Initiative. Scandinavian journal of rheumatology  
  Wang, A., Zawadzki, N., Hedlin, H., LeBlanc, E., Budrys, N., Van Horn, L., Gass, M., Westphal, L., Stefanick, M. L.
  2020: 1–10

• Epigenetic clock measuring age acceleration via DNA methylation levels in blood is associated with decreased oocyte yield. Journal of assisted reproduction and genetics  
  Monseur, B., Murugappan, G., Bentley, J., Teng, N., Westphal, L.
  2020

• Miscarriage history association with euploid embryo transfer outcomes. Reproductive biomedicine online  
  Wang, A., Kort, J., Westphal, L.
  2019
- **Anti-Mullerian hormone in association with euploid embryo transfer outcomes.** Reproductive biomedicine online  
  Wang, A., Lathi, R., Kort, J., Westphal, L.  
  2019

- **EPGENETIC CLOCK MEASURING AGE ACCELERATION VIA DNA METHYLATION LEVELS IN BLOOD IS ASSOCIATED WITH DECREASED OOCYTE YIELD.**  
  Monseur, B., Murugappan, G., Bentley, J., Teng, N., Westphal, L.  
  ELSEVIER SCIENCE INC.2019: E4–E5

- **TYPE OF FROZEN TRANSFER IN RELATION TO EUPLOID MISCARRIAGE OUTCOMES.**  
  Wang, A., Westphal, L. M.  
  ELSEVIER SCIENCE INC.2019: E31

- **ATTITUDES TOWARDS POSTHUMOUS REPRODUCTION IN PATIENTS UNDERGOING EMBRYO OR GAMETE CRYOPRESERVATION.**  
  Vyas, N. M., Murugappan, G., Westphal, L. M.  
  ELSEVIER SCIENCE INC.2019: E51

- **Hormone replacement versus natural frozen embryo transfer for euploid embryos.** Archives of gynecology and obstetrics  
  Wang, A. n., Murugappan, G. n., Kort, J. n., Westphal, L. n.  
  2019

- **Patient-centered elective egg freezing: a binational qualitative study of best practices for women’s quality of care.** Journal of assisted reproduction and genetics  
  Inhorn, M. C., Birenbaum-Carmeli, D. n., Westphal, L. M., Doyle, J. n., Gleicher, N. n., Meirow, D. n., Dirnfeld, M. n., Seidman, D. n., Kahane, A. n., Patrizio, P. n.  
  2019

- **Isolated Fallopian Tube Torsion with Recurrence** JOURNAL OF REPRODUCTIVE MEDICINE  
  Wang, A., Godiwa, P., Ghanouni, P., Westphal, L. M.  
  2019; 64 (1-2): 79–82

- **The National Physicians Cooperative: transforming fertility management in the cancer setting and beyond** FUTURE ONCOLOGY  
  Smith, B. M., Duncan, F. E., Ataman, L., Smith, K., Quinn, G. P., Chang, R., Finlayson, C., Orwig, K., Valli-Pulaski, H., Moravek, M. B., Zelinski, M. B., Su, H., Vitek, et al  
  2018; 14 (29): 3059–72

- **The National Physicians Cooperative: transforming fertility management in the cancer setting and beyond.** Future oncology (London, England)  
  Smith, B. M., Duncan, F. E., Ataman, L., Smith, K., Quinn, G. P., Chang, R. J., Finlayson, C., Orwig, K., Valli-Pulaski, H., Moravek, M. B., Zelinski, M. B., Irene Su, H., Vitek, et al  
  2018

- **Ten pathways to elective egg freezing: a binational analysis** JOURNAL OF ASSISTED REPRODUCTION AND GENETICS  
  Inhorn, M. C., Birenbaum-Carmeli, D., Westphal, L. M., Doyle, J., Gleicher, N., Meirow, D., Dirnfeld, M., Seidman, D., Kahane, A., Patrizio, P.  
  2018; 35 (11): 2003–11

- **Euploidy in relation to blastocyst sex and morphology** JOURNAL OF ASSISTED REPRODUCTION AND GENETICS  
  Wang, A., Kort, J., Behr, B., Westphal, L. M.  
  2018; 35 (9): 1565–72

- **MEDICATED VERSUS NATURAL FROZEN EMBRYO TRANSFER FOR EUPLOID EMBRYOS.**  
  Wang, A., Kort, J., Westphal, L. M.  
  ELSEVIER SCIENCE INC.2018: E402

- **ANTIMULLERIAN HORMONE AND MATERNAL AGE IN ASSOCIATION WITH EUPLOID EMBRYO TRANSFER OUTCOMES.**  
  Wang, A., Lathi, R. B., Kort, J., Westphal, L.  
  ELSEVIER SCIENCE INC.2018: E401

- **MISCARRIAGE HISTORY ASSOCIATION WITH EUPLOID EMBRYO TRANSFER OUTCOMES.**  
  Wang, A., Kort, J., Westphal, L.  
  ELSEVIER SCIENCE INC.2018: E401
• Elective egg freezing and its underlying socio-demography: a binational analysis with global implications. REPRODUCTIVE BIOLOGY AND ENDOCRINOLOGY
Inhorn, M. C., Birenbaum-Carmeli, D., Birger, J., Westphal, L. M., Doyle, J., Gleicher, N., Meirow, D., Dirnfeld, M., Seidman, D., Kahane, A., Patrizio, P.
2018; 16: 70

• Euploidy in relation to blastocyst sex and morphology. Journal of assisted reproduction and genetics
Wang, A., Kort, J., Behr, B., Westphal, L. M.
2018

• Ten pathways to elective egg freezing: A binational qualitative study of what leads healthy women to fertility preservation
Inhorn, M., Birenbaum-Carmeli, D., Westphal, L., Doyle, J., Gleicher, N., Meirow, D., Dirnfeld, M., Seidman, D., Kahane, A., Patrizio, P.
OXFORD UNIV PRESS. 2018: 17–18

• Leave the intrauterine device! FERTILITY AND STERILITY
Kort, J., Westphal, L. M.
2018; 110 (1): 57–58

• Cross border reproductive care (CBRC): a growing global phenomenon with multidimensional implications (a systematic and critical review) JOURNAL OF ASSISTED REPRODUCTION AND GENETICS
Salama, M., Isachenko, V., Isachenko, E., Rahimi, G., Mallmann, P., Westphal, L. M., Inhorn, M. C., Patrizio, P.
2018; 35 (7): 1277–88

• Leave the intrauterine device! Fertility and sterility
Kort, J., Westphal, L. M.
2018; 110 (1): 57–58

• Medical egg freezing: How cost and lack of insurance cover impact women and their families. Reproductive biomedicine & society online
Inhorn, M. C., Birenbaum-Carmeli, D., Westphal, L. M., Doyle, J., Gleicher, N., Meirow, D., Raanani, H., Dirnfeld, M., Patrizio, P.
2018; 5: 82–92

• Osteoarthritis and Reproductive History in the Women’s Health Initiative.
Wang, A., Zawadzki, N., Hedlin, H., Desai, M., Westphal, L., Stefanick, M. L.
SAGE PUBLICATIONS INC. 2018: 87A

• Medical egg freezing: the importance of a patient-centered approach to fertility preservation JOURNAL OF ASSISTED REPRODUCTION AND GENETICS
Inhorn, M. C., Birenbaum-Carmeli, D., Westphal, L. M., Doyle, J., Gleicher, N., Meirow, D., Raanani, H., Dirnfeld, M., Patrizio, P.
2018; 35 (1): 49–59

• MEDICAL EGG FREEZING, FINANCIAL PRESSURE, AND THE STATE: RESULTS FROM THE FIRST BINATIONAL COMPARISON OF THE US AND ISRAEL.
Inhorn, M. C., Carmeli, D., Westphal, L. M., Doyle, J., Gleicher, N., Meirow, D., Raanani, H., Dirnfeld, M., Patrizio, P.
ELSEVIER SCIENCE INC. 2017: E181

• FROZEN TRANSFER IS SUPERIOR TO FRESH TRANSFER OF SCREENED, EUPLOID EMBRYOS.
Wang, A., Zhang, Q., Cohn, K., Westphal, L. M., Benadiva, C. A., Copperman, A. B., Hirshfeld-Cytron, J. E., Leondires, M. P., Letterie, G., Nulsen, J., Beim, P.
ELSEVIER SCIENCE INC. 2017: E76

• Results of a pilot study in the US and Vietnam to assess the utility and acceptability of a multi-level pregnancy test (MLPT) for home monitoring of hCG trends after assisted reproduction BMC WOMENS HEALTH
Shochet, T., Comstock, I. A., Nguyen Thi Nhu Ngoc, Westphal, L. M., Sheldon, W. R., Ly Thai Loc, Blum, J., Winikoff, B., Blumenthal, P. D.
2017; 17: 67

• Gender and educational disparities underlying elective egg freezing: results from the first major qualitative study of oocyte cryopreservation in the United States and Israel
Inhorn, M., Birenbaum-Carmeli, D., Westphal, L., Doyle, J., Gleicher, N., Dirnfeld, M., Seidman, D., Kahane, A., Meirow, D., Patrizio, P.
OXFORD UNIV PRESS. 2017: 372

• Freeze-only versus fresh embryo transfer in a multicenter matched cohort study: contribution of progesterone and maternal age to success rates. Fertility and sterility
Wang, A., Santistevan, A., Hunter Cohn, K., Copperman, A., Nulsen, J., Miller, B. T., Widra, E., Westphal, L. M., Yurttas Beim, P.
• Embryo Euploidy in Relation to Morphology, Embryo Sex, and Birth Outcomes.  
Wang, A., Kort, J., Westphal, L.  
SAGE PUBLICATIONS INC.2017: 167A–168A

• In vitro fertilization outcomes after fresh and frozen blastocyst transfer in South Asian compared with Caucasian women FERTILITY AND STERILITY  
Shah, M. S., Caballes, M., Lathi, R. B., Baker, V. L., Westphal, L. M., Milki, A. A.  
2016; 105 (6): 1484-1487

• Immune Function and Recurrent Pregnancy Loss SEMINARS IN REPRODUCTIVE MEDICINE  
Krieg, S., Westphal, L.  
2015; 33 (4): 305-311

• Expression of interleukin-22 in decidua of patients with early pregnancy and unexplained recurrent pregnancy loss. Journal of assisted reproduction and genetics  
O'Hern Perfetto, C., Fan, X., Dahl, S., Krieg, S., Westphal, L. M., Bunker Lathi, R., Nayak, N. R.  
2015; 32 (6): 977-984

• In Vitro Fertilization Outcomes after Frozen Embryo Transfer in South Asian Compared to Caucasian Women  
Shah, M., Caballes, M., Baker, V., Westphal, L. M., Lathi, R., Milki, A.  
ELSEVIER SCIENCE INC.2015: E34

• USE OF A SEMI-QUANTITATIVE PREGNANCY TEST (SQPT) TO MONITOR HCG LEVELS AFTER ASSISTED REPRODUCTION.  
Comstock, I., Gonzalez, A., Sheldon, W., Blum, J., Winikoff, B., Blumenthal, P., Westphal, L.  
ELSEVIER SCIENCE INC.2014: E310

• Comparison of epigenetic mediator expression and function in mouse and human embryonic blastomeres HUMAN MOLECULAR GENETICS  
Chavez, S. L., McElroy, S. L., Bossert, N. L., De Jonge, C. J., Vera Rodriguez, M., Leong, D. E., Behr, B., Westphal, L. M., Pera, R. A.  
2014; 23 (18): 4970-4984

• The role of serum testosterone in early pregnancy outcome: a comparison in women with and without polycystic ovary syndrome. Journal of obstetrics and gynaecology Canada : JOGC = Journal d'obstétrique et gynécologie du Canada : JOGC  
Lathi, R. B., Dahan, M. H., Reynolds-May, M. F., Milki, A. A., Behr, B., Westphal, L. M.  
2014; 36 (9): 811-816

• Fertility issues in cancer survivorship. CA: a cancer journal for clinicians  
Kort, J. D., Eisenberg, M. L., Millheiser, L. S., Westphal, L. M.  
2014; 64 (2): 118-134

• Progesterone Withdrawal Upregulates IGFBP-1 in the Primate Endometrium: New Insights on IGFBP-1 Regulation and Decidualization  
Perfetto, C. O., Dhal, S., Slayden, O. D., Westphal, L. M., Fan, X., Nayak, N. R.  
SAGE PUBLICATIONS INC.2014: 408A

• Referral trends for reproductive-age patients with breast cancer to a reproductive endocrinology clinic for fertility preservation counseling between 2004 and 2012.  
Kort, J., Seiger, K., Henry, S., Westphal, L.  
AMER SOC CLINICAL ONCOLOGY.2013

• Pregnancy During Recovery from Hematopoietic Stem Cell Transplant for Mycosis Fungoides JOURNAL OF ADOLESCENT AND YOUNG ADULT ONCOLOGY  
Kharsa, Z. C., Gustin, S. L., Westphal, L. M.  
2013; 2 (3): 133-135

• FIVE YEAR SAFETY AND FERTILITY OUTCOMES IN WOMEN WHO UNDERWENT OVARIAN STIMULATION FOR FERTILITY PRESERVATION PRIOR TO CHEMOTHERAPY FOR INVASIVE BREAST CANCER.
• Pregnancy During Recovery from Hematopoietic Stem Cell Transplant for Mycosis Fungoides. *Journal of adolescent and young adult oncology*
  Khaza, Z. C., Gustin, S. L., Westphal, L. M.
  2013; 2 (3): 133-5

• Frequency of the Male Infertility Evaluation: Data from the National Survey of Family Growth *JOURNAL OF UROLOGY*
  Eisenberg, M. L., Lathi, R. B., Baker, V. L., Westphal, L. M., Milki, A. A., Nangia, A. K.
  2013; 189 (3): 1030-1034

• What should I tell my patients about fertility testing and its indications for fertility counseling? *ONS connect*
  Westphal, L.
  2013; 28 (1): 14-?

• Stress Reduction during In Vitro Fertilization *61st Annual Meeting of the Pacific-Coast-Reproductive-Society (PCRS)*
  Turner, K., Bavan, B., Carlisle, A., Reynolds-May, M., Manber, R., Westphal, L.
  ELSEVIER SCIENCE INC. 2013: S25–S26

• Stress and anxiety scores in first and repeat IVF cycles: a pilot study. *PloS one*
  Turner, K., Reynolds-May, M. F., Zitek, E. M., Tisdale, R. L., Carlisle, A. B., Westphal, L. M.
  2013; 8 (5)

• Outcomes of trophectoderm biopsy on cryopreserved blastocysts: a case series *REPRODUCTIVE BIOMEDICINE ONLINE*
  Lathi, R. B., Massie, J. A., Gilani, M., Milki, A. A., Westphal, L. M., Baker, V. L., Behr, B.
  2012; 25 (5): 504-507

• Global alteration in gene expression profiles of deciduas from women with idiopathic recurrent pregnancy loss *MOLECULAR HUMAN REPRODUCTION*
  Krieg, S. A., Fan, X., Hong, Y., Sang, Q., Giaccia, A., Westphal, L. M., Lathi, R. B., Krieg, A. J., Nayak, N. R.
  2012; 18 (9): 442-450

• Oocyte retrieval following continued stimulation five days beyond ovulation yields live birth after frozen embryo transfer *JOURNAL OF ASSISTED REPRODUCTION AND GENETICS*
  Friedman, B. E., Pao, S., Westphal, L. M., Lathi, R. B.
  2012; 29 (5): 433-435

• Integration and safety of fertility preservation in a breast cancer program *GYNECOLOGIC ONCOLOGY*
  Westphal, L. M., Wapnir, I. L.
  2012; 124 (3): 474-476

• Interest and Concerns Regarding Pre-Implantation Genetic Diagnosis in Female Brca1/2 Mutation Carriers *60th Annual Meeting of the Pacific-Coast-Reproductive-Society*
  CHU, J. N., Heflin, K., Westphal, L. M.
  ELSEVIER SCIENCE INC. 2012

• Attitudes Toward Preimplantation Genetic Diagnosis (PGD) Among Medical and Graduate Students enrolled in a Graduate Course on Genomics and Personalized Medicine
  Naqvi, M., Salari, K., Westphal, L.
  ELSEVIER SCIENCE INC. 2012

• Primary amenorrhea in a 17-year-old patient with chronic hydrocephalus from an ependymoma *JOURNAL OF PEDIATRIC NEUROLOGY*
  Jun, S. H., Friedman, B. E., Gandrud, L. M., Westphal, L. M.
  2012; 10 (1): 41–44

• Testosterone concentrations in early pregnancy: relation to method of conception in an infertile population *REPRODUCTIVE BIOMEDICINE ONLINE*
  Lathi, R. B., Moayeri, S. E., Reddy, C. D., Gebhardt, J., Behr, B., Westphal, L. M.
  2012; 24 (3): 360-363
• Early pregnancy testosterone after ovarian stimulation and pregnancy outcome  
  FERTILITY AND STERILITY  
  Gustin, S. L., Mukherjee, G., Baker, V. L., Westphal, L. M., Milki, A. A., Lathi, R. B.  
  2012; 97 (1): 23-23U48

• Oocyte cryopreservation as a fertility preservation measure for cancer patients  
  REPRODUCTIVE BIOMEDICINE ONLINE  
  Noyes, N., Knopman, J. M., Melzer, K., Fino, M. E., Friedman, B., Westphal, L. M.  
  2011; 23 (3): 323-333

• THE EFFICACY AND SAFETY OF FERTILITY PRESERVATION USING OVARIAN STIMULATION AND OOCYTE OR EMBRYO CRYOPRESERVATION IN FEMALE CANCER PATIENTS  
  ELSEVIER SCIENCE INC.2011: S48–S49

• Mood disorders in oocyte donor candidates: brief report and implications for future research  
  HUMAN REPRODUCTION  
  Williams, K. E., Stemmlle, P. G., Westphal, L. M., Rasgon, N. L.  
  2011; 26 (4): 847-852

• Ovarian stimulation and the risk of aneuploid conceptions  
  64th Annual Meeting of the American-Society-for-Reproductive-Medicine  
  Massie, J. A., Shahine, L. K., Milki, A. A., Westphal, L. M., Lathi, R. B.  
  ELSEVIER SCIENCE INC.2011: 970–72

• Follow-up Survey of Cancer Survivors Who Underwent Ovarian Stimulation for Fertility Preservation  
  ELSEVIER SCIENCE INC.2011: S12–S13

• Successful Oocyte Retrieval and Fertilization Following Continued Stimulation 5 Days Beyond Ovulation  
  ELSEVIER SCIENCE INC.2011: S13

• Asian Ethnicity and Comparable Outcomes After Frozen Blastocyst Transfer  
  ELSEVIER SCIENCE INC.2011: S15

• First Trimester Testosterone After Ovarian Stimulation and Its Effect on Pregnancy Outcomes  
  ELSEVIER SCIENCE INC.2011: S14–S15

• A Case of Acquired Nonobstructive Azoospermia  
  ELSEVIER SCIENCE INC.2011: S10

• Age-Related Success with Elective Single versus Double Blastocyst Transfer.  
  ISRN obstetrics and gynecology  
  Friedman, B. E., Davis, L. B., Lathi, R. B., Westphal, L. M., Baker, V. L., Milki, A. A.  
  2011; 2011: 656204-?

• Fertility Issues for Newly Diagnosed Women Interested in Child Bearing: Strategies and Options  
  BREAST SURGICAL TECHNIQUES AND INTERDISCIPLINARY MANAGEMENT  
  Moayeri, S. E., Westphal, L. M., Dirbas, F. M., ScottConner, C. E.  
  2011: 337–45

• Day 2 versus day 3 embryo transfer in poor responders: a prospective randomized trial  
  FERTILITY AND STERILITY  
  Shahine, L. K., Milki, A. A., Westphal, L. M., Baker, V. L., Behr, B., Lathi, R. B.  
  2011; 95 (1): 330-332

• Is infertility a risk factor for female sexual dysfunction? A case-control study  
  FERTILITY AND STERILITY  
  Millheiser, L. S., Helmer, A. E., Quintero, R. B., Westphal, L. M., Milki, A. A., Lathi, R. B.  
  2010; 94 (6): 2022-2025

• Controlled Ovarian Hyperstimulation and Gestational Surrogacy in a Patient with Lung Transplant A Case Report  
  JOURNAL OF REPRODUCTIVE MEDICINE
Etiology of recurrent pregnancy loss in women over the age of 35 years 55th Annual Meeting of the Pacific-Coast-Reproductive-Society
Marquard, K., Westphal, L. M., Milki, A. A., Lathi, R. B.
ELSEVIER SCIENCE INC.2010: 1473–77

THE EFFECT OF LASER-ASSISTED HATCHING ON IMPLANTATION AND PREGNANCY RATES OF FROZEN-THAWED BLASTOCYSTS
Friedman, B. E., Behr, B., Sylla, R., Baker, V. L., Westphal, L. M., Lathi, R. B.
ELSEVIER SCIENCE INC.2010: S254

PREIMPLANTATION GENETIC SCREENING (PGS) ON FROZEN THAWED BLASTOCYSTS: A CASE SERIES.
Lathi, R. B., Milki, A. A., Westphal, L. M., Massie, J. M., Gebhardt, J., Behr, B.
ELSEVIER SCIENCE INC.2010: S127

PERSONALIZED PREDICTION OF LIVE BIRTH OUTCOMES IN IVF. 66th Annual Meeting of the American-Society-for-Reproductive-Medicine (ASRM)
Banerjee, P., Choi, B., Lathi, R. B., Westphal, L. M., Wong, W. H., Yao, M. W.
ELSEVIER SCIENCE INC.2010: S224–S224

STRESS AND ANXIETY SCORES IN FIRST AND REPEAT IVF CYCLES. 66th Annual Meeting of the American-Society-for-Reproductive-Medicine (ASRM)
Turner, K., Reynolds-May, M. F., Zitek, E. M., Tisdale, R. L., Carlisle, A. B., Westphal, L. M.
ELSEVIER SCIENCE INC.2010: S124–S124

Deep phenotyping to predict live birth outcomes in in vitro fertilization PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA
Banerjee, P., Choi, B., Shahine, L. K., Jun, S. H., O'Leary, K., Lathi, R. B., Westphal, L. M., Wong, W. H., Yao, M. W.
2010; 107 (31): 13570-13575

Parthenogenic Blastocysts Derived from Cumulus-Free In Vitro Matured Human Oocytes PLOS ONE
McElroy, S. L., Byrne, J. A., Chavez, S. L., Behr, B., Hsueh, A. J., Westphal, L. M., Pera, R. A.
2010; 5 (6)

Asian Ethnicity and Poor Outcomes After In Vitro Fertilization Blastocyst Transfer OBSTETRICS AND GYNECOLOGY
Langen, E. S., Shahine, L. K., Lamb, J. D., Lathi, R. B., Milki, A. A., Fujimoto, V. Y., Westphal, L. M.
2010; 115 (3): 591-596

Differential Gene Expression in the Decidua of Recurrent Pregnancy Loss Patients. 57th Annual Meeting of the Society-for-Gynecologic-Investigation
Krieg, S. A., Krieg, A. J., Fan, X., Dahl, S., Giaccia, A., Westphal, L. M., Lathi, R., Nayak, N. R.
SAGE PUBLICATIONS INC.2010: 361A–361A

Ovarian stimulation for fertility preservation in patients with cancer FERTILITY AND STERILITY
Quintero, R. B., Helmer, A., Huang, J. Q., Westphal, L. M.
2010; 93 (3): 865-868

Laparoscopy in Women With Unexplained Infertility: A Cost-Effectiveness Analysis EDITORIAL COMMENT OBSTETRICAL & GYNECOLOGICAL SURVEY
Moayeri, S. E., Lee, H. C., Lathi, R. B., Westphal, L. M., Milki, A. A., Garber, A. M.
2009; 64 (12): 800-801

Timing of Breast Cancer Treatments with Oocyte Retrieval and Embryo Cryopreservation JOURNAL OF THE AMERICAN COLLEGE OF SURGEONS
Baynosa, J., Westphal, L. M., Madrigrano, A., Wapnir, I.
2009; 209 (5): 603-607

Poor Prognosis with In Vitro Fertilization in Indian Women Compared to Caucasian Women Despite Similar Embryo Quality PLOS ONE
Shahine, L. K., Lamb, J. D., Lathi, R. B., Milki, A. A., Langen, E., Westphal, L. M.
2009; 4 (10)

Effect of selective serotonin reuptake inhibitors on in vitro fertilization outcome 56th Annual Meeting of the Pacific-Coast-Reproductive-Society
Friedman, B. E., Rogers, J. L., Shahine, L. K., Westphal, L. M., Lathi, R. B.
ELSEVIER SCIENCE INC.2009: 1312–14
• Normal pregnancy after tetraploid karyotype on trophectoderm biopsy  *FERTILITY AND STERILITY*
  Krieg, S. A., Lathi, R. B., Behr, B., Westphal, L. M.
  2009; 92 (3)

• Effect of methotrexate exposure on subsequent fertility in women undergoing controlled ovarian stimulation  *54th Annual Meeting of the Pacific-Coast-Reproductive-Society*
  McLaren, J. F., Burney, R. O., Milki, A. A., Westphal, L. M., Dahan, M. H., Lathi, R. B.
  ELSEVIER SCIENCE INC.2009: 515–19

• Laparoscopy in women with unexplained infertility: a cost-effectiveness analysis  *FERTILITY AND STERILITY*
  Moayeri, S. E., Lee, H. C., Lathi, R. B., Westphal, L. M., Milki, A. A., Garber, A. M.
  2009; 92 (2): 471-480

• Embryo quality before and after surgical treatment of endometriosis in infertile patients  *JOURNAL OF ASSISTED REPRODUCTION AND GENETICS*
  Shahine, L. K., Burney, R. O., Behr, B., Milki, A. A., Westphal, L. M., Lathi, R. B.
  2009; 26 (2-3): 69-73

• Wnt7a Expression Is Limited to the Endometrial Luminal Epithelium: Potential Role in Postmenstrual Endometrial Repair.  *57th Annual Meeting of the Pacific-Coast-Reproductive-Society*
  Krieg, S. A., Fan, X., Dahl, S., Westphal, L. W., Druzin, M., Nayak, N. R.
  ELSEVIER SCIENCE INC.2009: S5–S5

• Non-Redundant Prognostic Factors in First-Cycles in In Vitro Fertilization  *56th Annual Meeting of the Society-for-Gynecological-Investigation*
  Shahine, L. K., Choi, B., O’Leary, K., Jun, S. H., Westphal, L. M., Behr, B., Wong, W. H., Yao, M. W.
  SAGE PUBLICATIONS INC.2009: 279A–279A

• Basal follicle-stimulating hormone as a predictor of fetal aneuploidy  *FERTILITY AND STERILITY*
  Massie, J. A., Burney, R. O., Milki, A. A., Westphal, L. M., Lathi, R. B.
  2008; 90 (6): 2351-2355

• Defining Human Embryo Phenotypes by Cohort-Specific Prognostic Factors  *PLOS ONE*
  Jun, S. H., Choi, B., Shahine, L., Westphal, L. M., Behr, B., Pera, R. A., Wong, W. H., Yao, M. W.
  2008; 3 (7)

• Obstetric outcomes in donor oocyte pregnancies compared with advanced maternal age in in vitro fertilization pregnancies  *FERTILITY AND STERILITY*
  Krieg, S. A., Henne, M. B., Westphal, L. M.
  2008; 90 (1): 65-70

• The effect of selective serotonin reuptake inhibitors on in vitro fertilization outcome  *56th Annual Meeting of the Pacific-Coast-Reproductive-Society*
  Friedman, B. E., Rogers, J. L., Shahine, L. K., Westphal, L. M., Lathi, R. B.
  ELSEVIER SCIENCE INC.2008: S12–S12

• Aneuploidy in the miscarriages of infertile women and the potential benefit of preimplanation genetic diagnosis  *FERTILITY AND STERILITY*
  Lathi, R. B., Westphal, L. M., Milki, A. A.
  2008; 89 (2): 353-357

• Comparative analysis of time delays to initiation of chemotherapy in women undergoing oocyte retrieval with cryopreservation
  De la Pena, J. L., Madrigano, A., Westphal, L., Wapnir, I. L.
  SPRINGER.2008: 81

• Normal pregnancy resulting from a non-pronuclear oocyte at the time of examination for fertilization  *CLINICAL AND EXPERIMENTAL OBSTETRICS & GYNECOLOGY*
  Burney, R. O., Gebhardt, J., Shu, Y., Behr, B., Westphal, L. M.
  2008; 35 (3): 170-171

• Elective single blastocyst transfer in women older than 35  *FERTILITY AND STERILITY*
  Davis, L. B., Lathi, R. B., Westphal, L. M., Milki, A. A.
  2008; 89 (1): 230-231

• Cytogenetic testing of anembryonic pregnancies compared to embryonic missed abortions  *JOURNAL OF ASSISTED REPRODUCTION AND GENETICS*
- A comparison of letrozole to gonadotropins for ovulation induction, in subjects who failed to conceive with clomiphene citrate. *WRHR Scholars Symposium*
  Quintero, R. B., Urban, R., Lathi, R. B., Westphal, L. M., Dahan, M. H.
  ELSEVIER SCIENCE INC. 2007: 879–85

- Egg retrieval with cryopreservation does not delay breast cancer treatment. *8th Annual Meeting of the American-Society-of-Breast-Surgeons*
  Madrigano, A., Westphal, L., Wapnir, I.
  EXCEJPTRA MEDICA INC-ELSEVIER SCIENCE INC. 2007: 477–81

- Surgical treatment of endometriosis and embryo quality.
  Shahine, L. K., Burney, R. O., Milki, A. A., Westphal, L. M., Lathi, R. B.
  ELSEVIER SCIENCE INC. 2007: S215

- Exogenous follicle stimulating hormone and risk of aneuploidy.
  Shahine, L. K., Milki, A. A., Westphal, L. M., Lathi, R. B.
  ELSEVIER SCIENCE INC. 2007: S17

- Comparison of obstetric outcomes in recipients of donor oocytes vs. women of advanced maternal age with autologous oocytes. *JOURNAL OF REPRODUCTIVE MEDICINE*
  Henne, M. B., Zhang, M., Paroski, S., Kelshikar, B., Westphal, L. M.
  2007; 52 (7): 585-590

- Risk of monozygotic twinning with blastocyst transfer decreases over time: an 8-year experience. *FERTILITY AND STERILITY*
  Moayeri, S. E., Behr, B., Lathi, R. B., Westphal, L. M., Milki, A. A.
  2007; 87 (5): 1028-1032

- Von Willebrand disease presenting as recurrent hemorrhage after transvaginal oocyte retrieval. *AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY*
  Moayeri, S. E., Coutre, S. E., Ramirez, E. J., Westphal, L. M.
  2007; 196 (4)

- Basal follicle-stimulating hormone as a predictor of fetal aneuploidy.
  Massie, J. M., Burney, R. O., Milki, A. A., Westphal, L. M., Lathi, R. B.
  ELSEVIER SCIENCE INC. 2007: S7

- Pregnancy and multiple gestation rates in donor oocyte cycles in relation to number of embryos transferred.
  Meier, A. W., Shahine, L. K., Westphal, L. M., Lathi, R. B.
  ELSEVIER SCIENCE INC. 2007: S14

- Effect of reduced oxygen concentrations on the outcome of in vitro fertilization. *FERTILITY AND STERILITY*
  Kea, B., Gebhardt, J., Watt, J., Westphal, L. M., Lathi, R. B., Milki, A. A., Behr, B.
  2007; 87 (1): 213-216

- Optimal ovarian stimulation protocol for IVF-ET treatment in the patient with endometriosis. *62nd Annual Meeting of the American-Society-for-Reproductive-Medicine (ASRM)*
  Burney, R. O., Henne, M., Jacobson, M. T., Milki, A. A., Westphal, L. M., Lathi, R. B.
  ELSEVIER SCIENCE INC. 2006: S275–S275

- Obstetric outcomes in donor oocyte pregnancies compared to autologous IVF pregnancies with advanced maternal age.
  Henne, M. B., Krieg, S. S., Westphal, L. M.
  ELSEVIER SCIENCE INC. 2006: S67

- Correlation of infertility diagnosis and treatment protocol with pregnancy outcome after IVF.
  Zamah, A. M., Henne, M., Milki, A. A., Westphal, L. M., Lathi, R.
  ELSEVIER SCIENCE INC. 2006: S189–S190

- Primary amenorrhea and delayed puberty in a 17-year old female with chronic hydrocephalus from a posterior fossa ependymoma: A case report.
  Jun, S. H., Gandrud, L. M., Westphal, L. M.
  ELSEVIER SCIENCE INC. 2006: S378
• Cost effectiveness of laparoscopy and empiric infertility treatment in unexplained infertility.
  Moayeri, S. E., Lee, H. C., Lathi, R. B., Westphal, L. M., Garber, A. M.
  ELSEVIER SCIENCE INC.2006: S101

• Comparison of letrozole to gonadotropins (FSH) for ovulation induction in clomiphene (CC) failures. 54th Annual Meeting of the Pacific-Coast-Reproductive-Society
  Wen, Y., Quintero, R. B., Urban, R., Westphal, L. M., Lathi, R. B., Dahan, M. H.
  ELSEVIER SCIENCE INC.2006: S24–S25

• Double-blind, placebo-controlled study of Fertilityblend: a nutritional supplement for improving fertility in women. Clinical and experimental obstetrics & gynecology
  Westphal, L. M., Polan, M. L., Trant, A. S.
  2006; 33 (4): 205-208

• Comparison of GnRH antagonist cycles with and without oral contraceptive pretreatment in potential poor prognosis patients. Clinical and experimental obstetrics & gynecology
  Bendikson, K., Milki, A. A., Speck-Zulak, A., Westphal, L. M.
  2006; 33 (3): 145-147

• Aromatase inhibitors for IVF poor responders J Reprod Contracep
  Quintero R, Giudice LC, Westphal LM
  2006; 17: 75-79

• Innovations in fertility preservation for patients with gynecologic cancers FERTILITY AND STERILITY
  Liou, W. S., Yap, O. W., Chan, J. K., Westphal, L. M.
  2005; 84 (6): 1561-1573

• The dilemma of endometriosis: is consensus possible with an enigma? FERTILITY AND STERILITY
  Nezhat, C., Littman, E. D., Lathi, R. B., Berker, B., Westphal, L. M., Giudice, L. C., Milki, A. A.
  2005; 84 (6): 1587-1588

• Embryo cryopreservation after diagnosis of stage IIB endometrial cancer and subsequent pregnancy in a gestational carrier. Fertility and sterility
  Juretzka, M. M., O'Hanlan, K. A., Katz, S. L., El-Danasouri, I., Westphal, L. M.
  2005; 83 (4): 1041-?

• Monochorionic triplet gestation after in vitro fertilization using donor oocytes: case report and review FERTILITY AND STERILITY
  Henne, M. B., Milki, A. A., Westphal, L. M.
  2005; 83 (3): 742-748

• Evaluation of urine toxicology screens in an oocyte donor population JOURNAL OF ASSISTED REPRODUCTION AND GENETICS
  Westphal, L., Bendikson, K.
  2005; 22 (2): 103-104

• Neoadjuvant vs. adjuvant chemotherapy: young women's experiences, attitudes and information needs after diagnosis.
  Berlin, L. M., Westphal, L. M., Rugo, H. S.
  SPRINGER.2005: S152

• Incidence of female sexual dysfunction in an infertile population
  Quintero, R. B., Westphal, L. M., Lathi, R. B., Giudice, L. C., Milki, A. A., McCallum, S. W.
  WILEY-BLACKWELL PUBLISHING, INC.2004: 93

• Evaluation of mixed protocols with Bravelleg(R) (human-derived FSH) and Repronex((R)) (hMG) to assess clinical efficacy (EMBRACE) in women undergoing in vitro fertilization FERTILITY AND STERILITY
  Keye, W. R., Marrs, R. P., CHECK, J. H., Schnell, V., Surrey, M., Marshall, D. C.
  2004; 82 (2): 348-357

• Elective single blastocyst transfer FERTILITY AND STERILITY
  Milki, A. A., Hinckley, M. D., Westphal, L. M., Behr, B.
  2004; 81 (6): 1697-1698
- The effect of a two-hour, room temperature incubation of human spermatozoa in TEST-yolk buffer on the rate of fertilization in vitro. *JOURNAL OF ASSISTED REPRODUCTION AND GENETICS*
  
  Jensen, J. R., Walker, J. H., Milki, A. A., Westphal, L., Behr, B.
  
  2004; 21 (5): 169-173

- A nutritional supplement for improving fertility in women - A pilot study. *JOURNAL OF REPRODUCTIVE MEDICINE*
  
  Westphal, L. M., Polan, M. L., Trant, A. S., Mooney, S. B.
  
  2004; 49 (4): 289-293

- Utility of cytogenetic testing of missed abortions in the absence of a fetal pole on ultrasound
  
  Lathi, R. B., Mark, S. D., Westphal, L. M., Milki, A. A.
  
  ELSEVIER SCIENCE INC. 2004: S24

- Monochorionic triplet gestation following in vitro fertilization using donor oocytes: Case report
  
  Henne, M. B., Milki, A. A., Westphal, L. M.
  
  ELSEVIER SCIENCE INC. 2004: S24

- Efficacy of aromatase inhibitors in poor responders undergoing in vitro fertilization
  
  Quintero, R., Giudice, L. C., Westphal, L.
  
  ELSEVIER SCIENCE INC. 2004: S28

- Global expression comparisons of human endometrium between normal individuals and hyperstimulated donors.
  
  Kao, L. C., Westphal, L., Giudice, L. C.
  
  ELSEVIER SCIENCE INC. 2004: 395A

- Administration of recombinant human FSH (solution in cartridge) with a pen device in women undergoing ovarian stimulation. *Reproductive biomedicine online*
  
  Pang, S., Kaplan, B., Karande, V., Westphal, L. M., Scott, R., Givens, C., Sacks, P.
  
  2003; 7 (3): 319-326

- Comparison of multi-dose versus individual ampules of Gonal-F for IVF.
  
  Speck-Zulak, A., Lathi, R., Fuhrle, A., Westphal, L. M., Milki, A. A.
  
  ELSEVIER SCIENCE INC. 2003: S244

- Comparison of GnRH antagonist cycles with and without oral contraceptive pill pretreatment in poor responders.
  
  Bendikson, K., Milki, A. A., Speck-Zulak, A., Westphal, L. M.
  
  ELSEVIER SCIENCE INC. 2003: S188-S189

- Antagon versus flare: Examining the effect of IVF protocols in a population of poor responders.
  
  Littman, E. D., Lathi, R. B., Westphal, L. M., Milki, A. A.
  
  ELSEVIER SCIENCE INC. 2003: S191

- Does a new auto-injection device reduce stress in patients undergoing OI and IVF treatment? Preliminary results of a study conducted at Stanford University Medical Center.
  
  Speck-Zulak, A., Tyler, P., Murray, L.
  
  ELSEVIER SCIENCE INC. 2003: S244

- Elective single blastocyst transfer.
  
  Milki, A. A., Littman, E. D., Hinckley, M. D., Westphal, L. M., Gebhardt, J., Behr, B.
  
  ELSEVIER SCIENCE INC. 2003: S180

- Comparison of the sex ratio with blastocyst transfer and cleavage stage transfer. *58th Annual Meeting of the American-Society-for-Reproductive-Medicine*
  
  Milki, A. A., Jun, S. H., Hinckley, M. D., Westphal, L. W., Giudice, L. C., Behr, B.
  
  SPRINGER/PLENUM PUBLISHERS 2003: 323–26

- Significance of one pronucleus before fertilization. *FERTILITY AND STERILITY*
  
  Westphal, L. M., Rosencrantz, M., Behr, B., Milki, A. A.
  
  2003; 79 (4): 1031-1033

- Effect of ICSI on subsequent blastocyst development and pregnancy rates. *50th Annual Meeting of the Pacific-Coast-Reproductive-Society*
Incidence of monozygotic twinning with blastocyst transfer compared to cleavage-stage transfer *FERTILITY AND STERILITY*
Milki, A. A., Jun, S. H., Hinckley, M. D., Behr, B., Giudice, L. C., Westphal, L. M.
2003; 79 (3): 503-506

Accuracy of day 3 criteria for selecting the best embryos *FERTILITY AND STERILITY*
Milki, A. A., Hinckley, M. D., Gebhardt, J., Dasig, D., Westphal, L. M., Behr, B.
2002; 77 (6): 1191-1195

**FIRST REPORT OF A VAGINAL FOREIGN-BODY PERFORATING INTO THE RETROPERITONEUM** *AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY*
OHANLAN, K. A., Westphal, L. M.
1995; 173 (3): 962-964

**IMMUNOCYTOCHEMICAL LOCALIZATION OF TRANSFORMING GROWTH-FACTOR-ALPHA AND EPIDERMAL GROWTH-FACTOR RECEPTOR IN HUMAN FALLOPIAN-TUBES AND CUMULUS CELLS** *40th Annual Meeting of the Society-for-Gynecologic-Investigation*
ELDANASOURI, I., Frances, A., Westphal, L. M.
WILEY-BLACKWELL. 1993: 82–87

**EXPOSURE OF HUMAN SPERMATOZOA TO THE CUMULUS-OOPHORUS RESULTS IN INCREASED RELATIVE FORCE AS MEASURED BY A 760 NM LASER OPTICAL TRAP** *HUMAN REPRODUCTION*
Westphal, L. M., ELDANSASOURI, I., Shimizu, S., Tadir, Y., Berns, M. W.
1993; 8 (7): 1083-1086

**INTERLEUKIN-1 TYPE-I RECEPTOR MESSENGER-RIBONUCLEIC-ACID EXPRESSION IN HUMAN ENDOMETRIUM THROUGHOUT THE MENSTRUAL-CYCLE** *FERTILITY AND STERILITY*
Simon, C., Piquette, G. N., Frances, A., Westphal, L. M., Heinrichs, W. L., Polan, M. L.
1993; 59 (4): 791-796

**FLUORESCENCE STAINING OF NUCLEAR DEOXYRIBONUCLEIC-ACID ALLOWS FOR ACCURATE ASSESSMENT OF THE HAMSTER EGG PENETRATION ASSAY** *FERTILITY AND STERILITY*
ELDANASOURI, I., Milki, A., Gebhardt, J., Louie, D., Westphal, L.
1993; 59 (2): 470-472

**USE OF MIDAZOLAM INFUSION FOR SEDATION FOLLOWING CARDIAC-SURGERY** *ANESTHESIOLOGY*
Westphal, L. M., Cheng, E. Y., White, P. F., Sladen, R. N., Rosenthal, M. H., Sung, M. L.
1987; 67 (2): 257-262

**COMPARISON OF PROPOFOL WITH METHOHEXITAL FOR OUTPATIENT ANESTHESIA** *ANESTHESIA AND ANALGESIA*
Doze, V. A., Westphal, L. M., White, P. F.
1986; 65 (11): 1189-1195

**USE OF A MIDAZOLAM INFUSION FOR SEDATION FOLLOWING AORTOCoronary BYPASS-SURGERY** *ANESTHESIOLOGY*
Cheng, E. Y., Westphal, L. M., White, P. F., Sladen, R. N., Rosenthal, M. H.
1986; 64 (3): 394-398

**GONADOTROPINS AND THE TIMING OF PROGESTERONE-INDUCED MEIOTIC MATURATION OF XENOPUS-LAEVIS OOCYTES** *DEVELOPMENTAL BIOLOGY*
LAMARCA, M. J., Westphal, L. M., REIN, D. A.
1985; 109 (1): 32-40