



## CURRICULUM VITAE

**NAME:** William Hanna Kutteh, M.D., Ph.D., H.C.L.D.

**BUSINESS ADDRESS:** Fertility Associates of Memphis, PLLC  
Managing Partner  
80 Humphreys Center, Suite 307  
Memphis, TN 38120-2363  
TEL: (901) 747-2229  
FAX: (901) 747-4446

Vanderbilt University Medical Center  
Clinical Professor  
Department of Obstetrics and Gynecology  
Division of Reproductive Endocrinology

**EDUCATION:**

Undergraduate (1971-1975): Wake Forest University  
Winston-Salem, North Carolina  
B.A. - Biology, major; Chemistry, minor

Graduate (1975-1978): Duke University, Durham, North Carolina  
Graduate Course- Immunology  
Jeff Dawson, Ph.D., Mentor

Graduate (1978-1981): University of Alabama at Birmingham  
Ph.D. - Molecular Cell Biology/Immunology  
Jiri Mestecky, M.D., Ph.D., Mentor

Medical School (1981-1985): Wake Forest University School of Medicine  
Bowman Gray Campus, Winston-Salem, NC

Internship (1985-1986): Obstetrics and Gynecology  
Residency (1986-1989): University of Alabama Medical Center  
Birmingham, Alabama

Fellowship (1989-1991) Reproductive Endocrinology  
UT Southwestern Medical Center, Dallas, Texas  
Bruce Carr, M.D., Director



## HONORS AND AWARDS:

- 1980-Sigma Xi Graduate Student Research Award, First Place, University of Alabama at Birmingham
- 1981-Student Representative, University of Alabama Board of Trustees
- 1982-Representative to the Board of Visitors, Bowman Gray School of Medicine
- 1982-Member, Committee on Medical Education, Bowman Gray School of Medicine
- 1983-Eli Lilly Research Fellow, (Re-awarded 1984-), Bowman Gray School of Medicine
- 1983-Obstetrics and Gynecology Fellowship, (Re-awarded 1984), South Atlantic Association of Obstetrics and Gynecology
- 1984-Sigma Xi Medical Student Research Award, First Place, Bowman Gray School of Medicine
- 1985-John R. McCain Student Fellowship, South Atlantic Association of Obstetrics and Gynecology
- 1985-Richard L. Burt Award in Obstetrics and Gynecology, Bowman Gray School of Medicine
- 1985-Mead Johnson ACOG Fellowship, American Association of Obstetrics and Gynecology
- 1987-Berlex Resident Education Award in Obstetrics/Gynecology, The Berlex Foundation
- 1988-Resident Research Award in Obstetrics & Gynecology, University of Alabama at Birmingham
- 1989-Outstanding Resident in Gynecologic Endoscopy, American Association of Gynecologic Laparoscopy
- 1991-1992-American Fertility Society - Ortho Fellowship, Distinguished Fellow in Reproduction
- 1992-Diplomate of the American Board of Obstetrics and Gynecology, Obstetrics and Gynecology, Certificate #29201
- 1994-The Berlex Scholar Award, The Berlex Foundation
- 1994-Diplomate of the American Board of Obstetrics and Gynecology, Subspecialty of Reproductive Endocrinology, Certificate #29201E
- 1995-1999-R01 National Institutes of Child Health and Human Development, National Institutes of Health
- 1998-J. Christian Herr Career Faculty Award in Reproductive Immunology, The American Society for Reproductive Immunology
- 1998-Temporary Referee, Human Endocrinology and Development (HED-1) Study Section, National Institutes of Health
- 2000-Referee, Human Endocrinology and Development (HED-1) Study Section, National Institutes of Health
- 2002-Florida Obstetric and Gynecologic Society, Honorary Fellow
- 2011-American Society for Reproductive Medicine Service Award (2011-2012)
- 2011-American Society for Reproductive Medicine Star Award (2011-2012)
- 2011-Top 5 Doctors in Memphis- Memphis Magazine
- 2012-Top 1% of Reproductive Endocrinologists in America- US News and World Report
- 2012-America's Top Doctors-Castle Connolly (1996-2013)
- 2012-Top Doctors in Memphis-Memphis Magazine- (1997-2013)
- 2012 Top Obstetricians and Gynecologists-Consumers Research Council (1996-2013)



**CERTIFICATION:**

National Board of Medical Examiners  
Diplomate (1986)

American Board of Obstetrics & Gynecology, Diplomate #29201  
General Written Exam (passed 1990)  
General Oral Exam (passed 1992)  
Recertification Exam (passed 2013)

American Board of Obstetrics & Gynecology, Diplomate #29201E  
Subspecialty - Reproductive Endocrinology  
Special Written Exam (passed 1991)  
Special Oral Exam (passed 1994)  
Recertification Exam (passed 2013)

Gynecologic Laser Certification  
University of Alabama in Birmingham, (1989)  
Houston Laser Institute (1990)  
University of Texas Southwestern (1991)

Accreditation Council for Gynecologic Endoscopy, Inc.  
Advanced Operative Laparoscopy (1996), Certificate # 0218  
Advanced Operative Hysteroscopy (1996), Certificate # 0218

Advanced Cardiac Life Support  
Provider (2010)

American Board of Bioanalysis  
High-Complexity Clinical Laboratory, Director - Certificate #000007240  
General and Immunology (1996-2013)

Tennessee Department of Health  
Medical Laboratory Director, Immunology - License #ML0000019645  
(1996-2012) CLIA Certificate #44D0931958

College of American Pathologists  
Reproductive Laboratory Inspector, ID# 1020979



## **MEDICAL LICENSURE:**

Alabama #12804, Issued 6/30/86, Active  
Texas #J0561, Issued 12/4/91, Active  
Tennessee #27765, Issued 4/16/96, Active

## **SOCIETY MEMBERSHIPS:**

Alpha Omega Alpha (AOA)

1989 - Elected

1989-Present - Member

American Association of Gynecologic Laparoscopists (AAGL)

1989 - Honorary Member

1990-1998 - Member

American Association of Immunologists (AAI)

1984 - Elected

American College of Obstetricians and Gynecologists (ACOG)

1985 - Junior Fellow

1992-Present - Fellow

1998-2002 Reproductive Immunology Liaison

2001-2004 – Postgraduate Faculty Chair Reproductive Endocrinology

2007-2013 Postgraduate Faculty Chair Early Pregnancy Loss

American Gynecological and Obstetrical Society (AGOS)

2001 - Elected

2001- Present - Member

American Society for Reproductive Immunology (ASRI)

1991-Present - Member

1996-1998 - Program Committee

1996-1998 - Postgraduate Faculty

1996-1999 - Executive Council

American Society for Reproductive Medicine (ASRM)

1988 - Associate Member

1991-Present - Active Member

1992-2003 - Postgraduate Faculty

1994-2004 - Program Committee

1995 - Chairman, Postgraduate Course

1997-2006 - Legislative Monitor

2007, 2010, 2011, 2012 –Postgraduate Faculty, General Symposium Speaker

Dallas Area Reproductive Endocrinologists (DARE)

1994 - Charter Member



1995 - Secretary  
1996 – Chairman  
European Society of Human Reproduction and Embryology (ESHRE)  
2008 – Member  
2012 – Faculty at Evidence Based Early Pregnancy Care – Amsterdam  
2013 – Faculty at Early Pregnancy Special Interest Group - London  
Federation of American Societies for Experimental Biology (FASEB)  
1984 - Elected  
International Society for Immunology of Reproduction (ISIR)  
1991 - Member  
2001-2005 - Executive Council  
New York Academy of Sciences  
1984-1989 - Member  
Reproductive Immunology Special Interest Group of ASRM  
1991-Present - Member  
1993 - Secretary-Treasurer  
1994 - Vice Chairman  
1995 - Chairman  
Sigma Xi Scientific Research Society  
1979 - Elected  
1970-Present-member  
Society of Mucosal Immunology (SMI)  
1987 –present- Charter Member  
Society for Gynecologic Investigation (SGI)  
1993 - Elected  
1993-Present – Member  
Society of Reproductive Endocrinologists (SRE)  
1995 - Elected  
1995-Present - Member  
The Endocrine Society  
1992-Present - Member

**EDITOR-ADVISORY POSITIONS:**

Adolescent and Pediatric Gynecology  
1994-1998 - Reviewer  
American College of Obstetrics and Gynecology  
2001-2002 - PRECIS: Reproductive Endocrinology, Contributor  
2006-2007 – PRECIS: Reproductive Endocrinology, Contributor  
American College of Rheumatology  
1998-1999 - Advisor to Antiphospholipid Study Group  
American Journal of Obstetrics & Gynecology



1997-Present - Reviewer  
American Journal of Physiology: Endocrinology & Metabolism  
1992-1995 - Referee  
American Journal of Reproductive Immunology  
1995-1997 - Reviewer  
1997-1999 - Editorial Board  
1999-2000 - Sectional Editor, Clinical Studies  
Arthritis and Rheumatism Council for Research in Great Britain  
1997-1998 - Reviewer  
Assisted Reproductive Technology/Andrology  
1992-1996 - Editorial Board  
Clinical Immunotherapeutics  
1997-1999 - Reviewer  
Fertility and Sterility  
1990-2001 - Ad Hoc Reviewer  
2001-2007 - Editorial Board  
2001-Present - Reviewer  
Guidelines for Practice, ASRM  
1992-1996 - Primary Reviewer  
Gynecologic and Obstetric Investigation  
2001-2004 - Reviewer  
Human Fertility  
2001-2002 - Reviewer  
Human Reproduction  
1997-Present – Reviewer  
Infection and Immunity  
1993-1997 - Reviewer  
Journal of Pediatrics  
1997-1999 – Reviewer  
Journal of Reproductive Immunology  
1996-Present - Editorial Board  
2000-2007 - Section Editor, Clinical Studies  
Lupus  
2008-Present- Reviewer  
National Institutes of Health  
1996-1997 - Special Referee - Human Embryology and Development Study Section  
1998-1999 - Referee - Human Embryology and Development Study Section  
New England Journal of Medicine  
1999-2010 - Reviewer  
Obstetrics and Gynecology  
1995-2010 - Reviewer  
SHARE: Pregnancy and Infant Loss Support Inc.



1993-2010 - Medical Advisory Board  
The Wellcome Trust  
1997-1998 - Reviewer for Project Grants

### **ACADEMIC APPOINTMENTS:**

1991-1993 Assistant Professor, Director of Reproductive Immunology, Division of Reproductive Endocrinology, Department of Obstetrics and Gynecology, UT Southwestern Medical Center, Dallas, Texas.

1993-1996 Director of *In Vitro* Fertilization Program, Director of Reproductive Immunology, Division of Reproductive Endocrinology, Department of Obstetrics and Gynecology, UT Southwestern Medical Center, Dallas, Texas.

1996-2000 Associate Professor (Tenured), Director of Reproductive Endocrinology and Immunology, Division of Reproductive Endocrinology, Department of Obstetrics & Gynecology. The University of Tennessee Health Science Center, Memphis, TN.

2000-2012 Professor, Director of Reproductive Endocrinology and Immunology, Division of Reproductive Endocrinology, Department of Obstetrics & Gynecology. The University of Tennessee Health Science Center, Memphis, TN.

2012-present Clinical Professor of Obstetrics and Gynecology, Division of Reproductive Endocrinology, Vanderbilt University Medical Center, Nashville, TN

### **RESEARCH INTERESTS:**

1978-1981 - "Molecular and Cellular Aspects of Immunoglobulin A Synthesis and Secretion." Predoctoral Fellow, Univ. Alabama, Birmingham, AL.

1981-1985 - "Characterization of Immunoglobulins in the Cystic Effusions of Human Ovarian Neoplasms." Postdoctoral Fellow and Medical Student, Bowman Gray School of Medicine, Winston-Salem, NC.

1985-1989 - "Role of Autologous Antibodies in the Host Defense Against Ovarian Neoplasia." and "Mucosal Immunity in the Female Reproductive Tract." Resident Physician and Instructor, Univ. Alabama, Birmingham, AL.



1989-1991 - "Fetal Influences on the Regulation of Cholesterol Metabolism in the Fetal-Maternal Unit." Postdoctoral Fellow in Reproductive Endocrinology, Univ. Texas, Dallas, TX.

1991-1996 - "Recurrent Pregnancy Loss" and "Antiphospholipid Antibodies" and "Secretory Immune System of the Female Genital Tract," and "Antisperm Antibodies."

1996-2000 - "Immunology of Recurrent Pregnancy Loss" and "Induction of an Immune Response in the Female Reproductive Tract."

2000-Present - "Immunologic Factors in Reproduction," Thrombophilias and Reproduction," "Antiphospholipid Antibody Syndrome," "Recurrent Pregnancy Loss" and "Insulin Resistance," "Fertility Preservation".

#### **PUBLICATIONS (ARTICLES):**

1. Garcia JA, Klein JL, **Kutteh WH**, Dawson JR, Gall SA: Immunologic studies on the cystic effusions of ovarian epithelial neoplasms. *Am J Obstet Gynecol* 129:281-4, 1977.
2. Dawson JR, **Kutteh WH**, Whitesides DB, Gall SA: Identification of tumor-associated antigens and their purification from cyst fluids of ovarian epithelial neoplasms. *Gynecol Oncol* 10:6-17, 1980.
3. Dawson JR, **Kutteh WH**: Cross-reactivity of normal gastric tissue components with ovarian tumor-associated antigens. *Br J Cancer* 42:481-4, 1980.
4. **Kutteh WH**, Koopman WJ, Conley ME, Egan ML, Mestecky J: Production of predominantly polymeric IgA by human peripheral blood lymphocytes stimulated *in vitro* with mitogens. *J Exp Med* 152:1424-9, 1980.
5. Laven GT, Crago SS, **Kutteh WH**, Mestecky J: Hemolytic plaque formation by cellular and non-cellular elements of human colostrum. *J Immunol* 127:1967-72, 1981.
6. **Kutteh WH**, Prince SJ, Phillips JO, Spenny JG, Mestecky J: Properties of immunoglobulin A in serum of individuals with liver diseases and in hepatic bile. *Gastroenterology* 82:184-93, 1982.
7. **Kutteh WH**, Prince SJ, Mestecky J: Tissue origins of human polymeric and monomeric IgA. *J Immunol* 128:990-5, 1982.
8. **Kutteh WH**, Moldoveanu Z, Prince S, Kulhavy R, Alonso F, Mestecky J: Biosynthesis of J chain in human lymphoid cells producing immunoglobulins of various isotypes. *Mol Immunol* 20:967-976, 1983.
9. Mestecky J, **Kutteh WH**, Brown TA, Russell MW, Phillips JO, Moldoveanu Z, Moro I, Crago SS: Function and biosynthesis of polymeric IgA. *Ann NY Acad Sci* 409:292-306, 1983.





10. Crago SS, **Kutteh WH**, Prince SJ, Radl J, Haaijman JJ, Mestecky J: Distribution of IgA1 and IgA2 subclasses in human tissue: correlation with the presence of J-chain. *Ann NY Acad Sci* 409:803-5, 1983.
11. Crago SS, **Kutteh WH**, Moro I, Allansmith MR, Radl J, Haaijman JJ, Mestecky J: Distribution of IgA1-, IgA2-, and J chain-containing cells in human tissues. *J Immunol* 132:16-8, 1984.
12. **Kutteh WH**, Gall SA, Doellgast GJ, Allitto BA, Dawson JR: Quantitation of immunoglobulins in the effusions of human ovarian epithelial neoplasms. *Am J Obstet Gynecol* 150:65-69, 1984.
13. Mestecky J, McGhee JR, Russell MW, Michalek SM, **Kutteh WH**, Gregory R, Scholler-Guinard M, Brown TA, Crago SS: Evidence for a common mucosal immune system in humans. *Protides Biol Fluids* 32:25-9, 1984.
14. **Kutteh WH**, Welander CE, Homesley HD, Doellgast GJ: Autologous antibodies eluted from membrane fragments isolated from the effusions of human ovarian epithelial neoplasms. I. Quantitation of antibodies. *Am J. Obstet Gynecol* 153:124-129, 1985.
15. **Kutteh WH**, Doellgast GJ: Autologous antibodies eluted from membrane fragments in human ovarian epithelial neoplastic effusions. II. Tissue specificity and reactivity. *J Natl Cancer Inst* 76:797-804, 1986.
16. **Kutteh WH**, Hatch KD, Blackwell RE, Mestecky J: Secretory immune system of the female reproductive tract: I. Immunoglobulin and secretory component containing cells. *Obstet Gyencol* 71:56-60, 1988.
17. **Kutteh WH**, Blackwell RE, Gore H, Kutteh CC, Carr BR, Mestecky J: Secretory immune system of the female reproductive tract: II. Local immune system in normal and infected fallopian tube. *Fertil Steril* 54:51-55, 1990.
18. **Kutteh WH**, Baker VV, Doellgast GH: Autologous antibodies eluted from membrane fragments in human ovarian epithelial neoplastic effusions. III. Cytotoxic potential *in vitro* and characterization of antigens. *Am J Obstet Gynecol* 163:1301-1306, 1990.
19. **Kutteh WH**, Rainey WE, Beutler B, Carr BR: Tumor necrosis factor- $\alpha$  and interleukin-1 $\beta$  production by human fetal Kupffer cells. *Am J Obstet Gynecol* 165:112-120, 1991.
20. **Kutteh WH**, Rainey WE, Carr BR: Glucocorticoids inhibit lipopolysaccharide-induced production of tumor necrosis factor-alpha by human fetal Kupffer cells. *J Clin Endocrinol Metab* 73:296-301, 1991.
21. **Kutteh WH**, Rainey WE, Carr BR: Regulation of Interleukin-6 production in human fetal Kupffer cells. *Scand J Immunol* 33:607-613, 1991.
22. **Kutteh WH**, Albert TA: Mature cystic teratoma of the fallopian tube associated with an ectopic pregnancy. *Obstet Gynecol* 78:984-986, 1991.



23. Mestecky J, Moldoveanu Z, Prince SJ, **Kutteh WH**, Kulhavy R, McGhee JR, Moro I, Crago SS: Immunologic properties and differentiation potential of human colostrum lymphocytes of B cell lineage. *Adv Exp Med Biol* 310:123-129, 1991.
24. **Kutteh WH**, Hatch KD: Primary vaginal tuberculosis after vaginal carcinoma. *Gynecol Oncol* 44:113-115, 1992.
25. **Kutteh WH**, McAllister D, Byrd W, Mestecky J: Antisperm antibodies. Present knowledge and new horizons. *Molec Androl* 4:183-193, 1992.
26. **Kutteh WH**, Kutteh CC: Quantitation of tumor necrosis factor- $\alpha$ , interleukin-1 $\beta$ , and interleukin-6 in the effusions of ovarian epithelial neoplasms. *Am J Obstet Gynecol* 167:1864-1869, 1992.
27. Thompson CD, Brekken AL, **Kutteh WH**: Necrotizing fasciitis: A review of management guidelines in a large obstetrics and gynecology teaching hospital. *Infectious Dis Obstet Gynecol* 1:16-22, 1993.
28. **Kutteh WH**, Carr BR: Diagnosis and management of recurrent pregnancy loss. *The Female Patient* 18:85-100, 1993.
29. Arici A, **Kutteh WH**, Chantilis SJ, Johns, DA, Carr BR: Laparoscopic removal of gonads in women with abnormal karyotypes. *J Reprod Med* 38:521-525, 1993.
30. **Kutteh WH**, Lyda EC, Abraham SM, Wacholtz MC: Association of anticardiolipin antibodies and pregnancy loss in women with systemic lupus erythematosus. *Fertil Steril* 60:449-455, 1993.
31. **Kutteh WH**, Mestecky J: Secretory immunity in the female reproductive tract. *Am J Reprod Immunol* 31:40-46, 1994.
32. Arici A, Byrd W, Bradshaw K, **Kutteh WH**, Marshburn P, Carr BR: Evaluation of clomiphene citrate and human chorionic gonadotropin treatment: a prospective, randomized, crossover study during intrauterine insemination cycles. *Fertil Steril* 61:314-318, 1994.
33. Rainey WE, Sawetawan C, Shay JW, Michael MD, Mathis M, **Kutteh WH**, Byrd W, Carr BR: Transformation of human granulosa cells with the E<sub>6</sub> and E<sub>7</sub> regions of human papillomavirus. *J Clin Endocrinol Metab* 78:705-710, 1994.
34. Marshburn PB, **Kutteh WH**: Modern Trends: The role of antisperm antibodies in infertility. *Fertil Steril* 61:799-811, 1994.



35. **Kutteh WH**, Kilian M, Ermel LD, Byrd EW, Mestecky J: Antisperm antibodies (ASAs) in infertile males: subclass distribution of IgA antibodies and the effect of an IgA1 protease on sperm-bound antibodies. *Am J Reprod Immunol* 31:77-83, 1994.
36. Byrd W, **Kutteh WH**, Carr BR: Treatment of antibody-associated sperm with media containing high serum content: a prospective trial of fertility involving men with high antisperm antibodies following intrauterine insemination. *Am J Reprod Immunol* 31:84-90, 1994.
37. Byrd W, Drobnis EZ, **Kutteh WH**, Marshburn P, Carr BR: Intrauterine insemination with frozen donor sperm: a prospective randomized trial comparing three different sperm preparation techniques. *Fertil Steril* 62:850-856, 1994.
38. Mestecky J, **Kutteh WH**, Jackson S: Mucosal immunity in the female genital tract: relevance to vaccination efforts against the human immunodeficiency virus. *AIDS Res Hum Retroviruses* 10:S11-S20, 1994.
39. **Kutteh WH**, Wester R, Kutteh CC: Multiples of the median: an alternative method for reporting antiphospholipid antibodies in women with recurrent pregnancy loss. *Obstet Gynecol* 84:811-815, 1994.
40. **Kutteh WH**, Rainey WE, Carr BR: Regulatory effects of multifunctional cytokines and steroid hormones on apolipoprotein B production by human fetal hepatocytes. *J Soc Gynecol Invest* 1:256-263, 1994.
41. **Kutteh WH**, Kilian M, Ermel LD, Mestecky J: Antisperm antibodies (ASA) in infertile females: subclass distribution of immunoglobulin IgA antibodies and removal of IgA sperm-bound antibodies with a specific IgA1 protease. *Fertil Steril* 63:63-70, 1995.
42. **Kutteh WH**, Santos-Ramos R, Ermel LD: Accuracy of ultrasonic detection of the uterus in normal newborn infants: implications for infants with ambiguous genitalia. *Ultrasound Obstet Gynecol* 5:109-113, 1995.
43. **Kutteh WH**: Recurrent pregnancy loss. *OBG Management* 5:32-47, 1995.
44. **Kutteh WH**, Bradshaw KD, Marshburn PB: A severe allergic reaction following intramuscular progesterone given for luteal phase support during *in vitro* fertilization. *Assist Reprod Technol Androl* 7:223-230, 1995.
45. **Kutteh WH**, Pasquarette MM. Recurrent pregnancy loss. *Adv Obstet Gynecol* 2:147-177, 1995.
46. Ermel LD, Marshburn PB, **Kutteh WH**: Interaction of heparin with antiphospholipid antibodies (APA) from the sera of women with recurrent pregnancy loss (RPL). *Am J Reprod Immunol* 33:14-20, 1995.



47. **Kutteh WH**, Byrd W, Blankenship L, Kutteh C, Carr BR: Cervical mucus antisperm antibodies: treatment with intrauterine insemination. *Am J Reprod Immunol* 35:429-433, 1996.
48. **Kutteh WH**, Ermel L: A clinical trial for the treatment of antiphospholipid antibody-associated recurrent pregnancy loss with lower dose heparin and aspirin. *Am J Reprod Immunol* 35:402-407, 1996.
49. Le SQ, **Kutteh WH**: Monosomy 7 syndrome associated with congenital adrenal hypoplasia and male pseudohermaphroditism. *Obstet Gynecol* 87:854-856, 1996.
50. **Kutteh WH**: Antiphospholipid antibody-associated recurrent pregnancy loss: treatment with heparin and low-dose aspirin is superior to low-dose aspirin alone. *Am J Obstet Gynecol* 174:1584-1589 1996.
51. Le SQ, **Kutteh WH**: When less is more: simplified protocols for IVF. *Assisted Reproduction Reviews* 6:67-71, 1996.
52. **Kutteh WH**, Prince SJ, Hammond KR, Kutteh CC, Mestecky J: Variations in immunoglobulins and IgA subclasses of human uterine cervical secretions around the time of ovulation. *Clin Exp Immunol* 104:538-542, 1996.
53. Allen JY, Tapia-Santiago C, **Kutteh WH**: Antiphospholipid antibodies in patients with preeclampsia. *Am J Reprod Immunol.* 36:81-85, 1996.
54. **Kutteh WH**, Miller DS, Mathis JM: Immunologic characterization of tumor markers in human ovarian cancer cell lines. *J Soc Gynecol Invest.* 3:216-322, 1996.
55. Yetman DL, **Kutteh WH**: Antiphospholipid antibody panels and recurrent pregnancy loss: prevalence of anticardiolipin antibodies compared to other antiphospholipid antibodies. *Fertil Steril.* 66:540-546, 1996.
56. **Kutteh WH**, Chao C-H, Ritter JO, Byrd W: Vaginal lubricants for the infertile couple: effect on sperm activity. *Int J Fertil Menopausal Stud* 41:400-404, 1996.
57. **Kutteh WH**. Immunology of multiple endocrinopathies associated with premature ovarian failure. *The Endocrinologist* 6:462-6, 1996.
58. Yetman DL, **Kutteh WH**, Castorena R, Brown C, Baskin L: Prevalence of elevated anticardiolipin antibodies in pregnant women with unexplained elevations of alpha-fetoprotein. *J Reprod Immunol* 33:71-81, 1997.
59. **Kutteh WH**. Seeking an autoimmune etiology for recurrent pregnancy loss. *OBG Management* 7:50-61, 1997.



60. **Kutteh WH**, Le SQ, Carr BR: Long-term follow up after a severe haemorrhage within a prolactin-producing pituitary adenoma resulting in successful pregnancies. *J Obstet Gynecol.* 17(2):158-159, 1997.
61. **Kutteh WH**, Yetman DS, Chantilis S, Crain J. Effect of antiphospholipid antibodies in women undergoing in vitro fertilization: role of heparin and aspirin. *Hum Reprod.* 12:1171-1175, 1997.
62. Coulam CB, Clark DA, Beer AE, **Kutteh WH**, Silver R, Kwak J, Stephenson M. Current clinical options for diagnosis and treatment of recurrent spontaneous abortion. Clinical Guidelines Recommendation Committee for Diagnosis and Treatment of Recurrent Spontaneous Abortion. *Am J Reprod Immunol.* 38:57-74, 1997.
63. Crowley-Nowick PA, Edwards RP, Moldoveanu Z, **Kutteh W** and Mestecky J. Menstrual cycle: effects on vaccine-induced antibodies in genital tract secretions. *Adv Mucosal Immunol* 1:393-401, 1997.
64. Donze HH, Lue C, Julian BA, **Kutteh WH**, Kantele A, Mestecky J. Human peritoneal B-1 cells and the influence of continuous ambulatory peritoneal dialysis on peritoneal and peripheral blood mononuclear cell (PBMC) composition and immunoglobulin levels. *Clin Exp Immunol.* 109(2):356-361, 1997.
65. Hatasaka HH, Branch DW, **Kutteh WH**, Scott JR. Autoantibody screening for infertility: explaining the unexplained? *J Reprod Immunol.* 34:137-153, 1997.
66. **Kutteh WH**. Antiphospholipid antibodies in reproduction. *J Reprod Immunol.* 35:151-171, 1997.
67. Mestecky J, Michalek SM, Moldoveanu Z, **Kutteh WH**, Crowley-Nowick PA, Morrow C, and Russell MW. Targeted mucosal immunizations: antigen delivery systems and compartmentalization of the common mucosal immune system. *Adv. Mucosal Immunol.* 2:299-311, 1997.
68. Gubin DA, Dmochowski R, **Kutteh WH**. Multivariate analysis of men from infertile couples with and without antisperm antibodies. *Am J Reprod Immunol.* 39:157-160, 1998.
69. **Kutteh WH**, Moldoveanu Z, Mestecky J. Mucosal immunity in the female reproductive tract: correlation of immunoglobulins, cytokines, and reproductive hormones in human cervical mucus around the time of ovulation. *AIDS Res Hum Retrovirus* 14:S51-S55, 1998.
70. **Kutteh WH**. Report from the Society for Gynecologic Investigation. Atlanta, Georgia. March 11-14, 1998. *J Reprod Immunol* 40:174-182, 1998.
71. Franklin RD, Bronson RA, **Kutteh WH**. Gonadotropins do not induce antiphospholipid antibodies. *Am. J. Reprod. Immunol.* 40:359-363, 1998.
72. Franklin RD, **Kutteh WH**. Characterization of immunoglobulin and cytokines in human cervical mucus: influence of exogenous hormones. *J. Reprod. Immunol.* 42:93-106, 1999.



73. Coulam CB, Branch DW, Gleicher N, **Kutteh W**, Lockshin MD, Rote NS. American Society for Reproductive Immunology's Report of the Committee for Establishing Criteria for Diagnosis of Reproductive Autoimmune Syndrome. *Am. J. Reprod. Immunol.* 41:121-132, 1999.
74. **Kutteh WH**, Rote NS, Silver R. Antiphospholipid antibodies and reproduction: the antiphospholipid antibody syndrome. *Am. J. Reprod. Immunol.* 41:133-152, 1999.
75. **Kutteh WH**, Yetman DL, Carr AC, Beck LA, Scott RT. Increased prevalence of antithyroid antibodies identified in women with recurrent pregnancy loss (RPL) but not in women undergoing assisted reproduction (ART). *Fertil. Steril.* 71:843-848, 1999.
76. **Kutteh WH**, Park VM, Deitcher SR. Hypercoagulable state mutation analysis in caucasian patients with first trimester recurrent pregnancy loss. *Fertil. Steril.* 71:1048-1053, 1999.
77. Lincoln SR, Ke RW, **Kutteh WH**. Screening for hypothyroidism in infertile women. *J. Reprod. Med.* 44:455-457, 1999.
78. **Kutteh WH**. Do antisperm antibodies bound to spermatozoa alter normal reproductive function? *Hum Reprod.* 14:2426-2429, 1999.
79. **Kutteh WH**. Recurrent Pregnancy Loss: An Update. *Curr Opin Obstet Gynecol.* 11:435-439, 1999.
80. **Kutteh WH**, Schoolcraft W, Scott RT. Antithyroid antibodies do not affect pregnancy outcome in women undergoing assisted reproduction. *Human Reprod* 14:2886-90, 1999.
81. Franklin RD, Hollier N, **Kutteh WH**. Glycoprotein 1 as a marker of antiphospholipid syndrome in women with recurrent pregnancy loss. *Fertil Steril.* 73:531-5, 2000.
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55. **Kutteh WH**, Santos-Ramos R, Ermel LD: Accuracy of ultrasonic detection of the uterus in normal newborn infants: implications for infants with ambiguous genitalia. In: *Yearbook of Neonatal and Perinatal Medicine*. Fanaroff AA, ed. Mosby-Yearbook, Inc., 351-354, 1996.
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57. **Kutteh WH**, Santos-Ramos R, Ermel LD: Accuracy of ultrasonic detection of the uterus in normal newborn infants: implications for infants with ambiguous genitalia. In: *Yearbook of Ultrasound*. Merrit C, Ed. Mosby-Yearbook, Inc., 1996.
58. Moldoveanu Z, **Kutteh W**, Kantele A, Crowley-Norwick P, Lu AL, Edwards RP, Mestecky J: Induction of genital tract immune responses by oral immunization. American Association of Immunology Joint Meeting, New Orleans, LA, June 2-6, 1996.
59. Mestecky J, Michalek SM, Moldoveanu Z, **Kutteh WH**, Crowley-Nowick PA, Russell MW: Targeted mucosal immunization: compartmentalization of the common mucosal immune system. (Abstract #4.2) *Modulation of the Immune Response to Vaccine Antigens*, Bergen, Norway, June 18-21, 1996.
60. **Kutteh WH**, Allen JY, Tapia-Santiago C: Antiphospholipid antibodies in patients with preeclampsia. (Abstract #503) American Society for Reproductive Immunology, 16th Annual Meeting. *Am J Reprod Immunol* 35:465, 1996.

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63. **Kutteh WH**, Yetman DL, Chantilis SJ, Byrd W, Crain J, Murty GS: Increased occurrence of early pregnancy loss associated with the presence of anticardiolipin antibodies (ACA) in women undergoing IVF. American Society for Reproductive Medicine, 52nd Annual Meeting, Boston, MA, November 2-7, 1996.
64. **Kutteh WH**, Yetman DL: Characterization of interleukin-6 (IL-6) levels in human cervical mucus: Influence of endogenous Hormones. American Society for Reproductive Medicine, 52nd Annual Meeting, Boston, MA, November 2-7, 1996.
65. Mestecky J, Michalek SM, Moldoveanu Z, **Kutteh WH**, Crowley-Nowick PA, Russell MW. Targeted mucosal immunization: compartmentalization of the common mucosal immune system. (Abstract #S-18-6) The Japanese Society for Immunology, 26th Annual Scientific Meeting, Yokohama, Japan, November 26-28, 1996.
66. **Kutteh WH**, Moldoveanu Z, Mestecky J: Mucosal immunology of the female reproductive tract: relationship of cytokines, reproductive hormones, and immunoglobulins. Reproductive Tract and HIV Conference. National Institutes of Child Health and Human Development, Bethesda, MD, February 11-12, 1997.
67. Lincoln SR, Ke RW, Byrd W, **Kutteh WH**: Screening infertile women for subclinical hypothyroidism. Society for Gynecologic Investigation, 44th Annual Scientific Meeting. *J Soc Gynecol Invest* 4:124A, 1997.
68. **Kutteh WH**, Deitcher SR: Association of factor V leiden and recurrent pregnancy loss. Society for Gynecologic Investigation, 44th Annual Scientific Meeting. *J Soc Gynecol Invest* 4:206A, 1997.
69. **Kutteh WH**: Update on recurrent pregnancy loss. Middle East Medical Assembly, 32nd Annual Scientific Meeting, Beirut, Lebanon, May 8-11, 1997.
70. **Kutteh WH**, Kantele A, Moldoveanu Z, Mestecky J: Mucosal immunization: Targeting the response to specific compartments of the common mucosal immune system. (Abstract #500). American Society for Reproductive Immunology, 17<sup>th</sup> Annual Scientific Meeting, Vancouver, B.C., Canada, June 4-7, 1997.

71. Gubin DA, Dmochowski R, **Kutteh WH**: Multivariant analysis of men with antisperm antibodies from infertile couples. (Abstract #501). American Society for Reproductive Immunology, 17<sup>th</sup> Annual Scientific Meeting, Vancouver, B.C., Canada, June 4-7, 1997.
72. **Kutteh WH**: Antiphospholipid antibodies and assisted reproductive technologies. (Abstract #314). Experimental and Clinical Reproductive Immunology. 1<sup>st</sup> International Meeting, J. Reprod. Immunol. 34:15, 1997.
73. **Kutteh WH**, Kantele A, Moldoveanu Z, Mestecky J: Mucosal immunization: targeting the response to specific compartments of the common mucosal immune system. The Berlex Foundation Scholar Symposium, San Francisco, California, November 15, 1997.
74. Beck LA, Carr AC, Yetman DL, **Kutteh WH**: Significant elevation of antithyroid antibodies identified in women with recurrent pregnancy loss (RPL) but not assisted reproductive technologies (ART). (Abstract #194). Society for Gynecologic Investigation, 45<sup>th</sup> Annual Meeting. J Soc Gynecol Invest 5:87A, 1998.
75. Franklin RD, Bronson RA, **Kutteh WH**: Gonadotropins do not induce antiphospholipid antibodies (APA). (Abstract #57). Society for Gynecologic Investigation, 45<sup>th</sup> Annual Meeting. J Soc Gynecol Invest 5:53A, 1998.
76. Ke RW, Frazier BG, Lincoln SR, **Kutteh WH**: Serum cotinine is a better predictor of successful in vitro fertilization than smoking history. (Abstract #198). Society for Gynecologic Investigation, 45<sup>th</sup> Annual Meeting. J Soc Gynecol Invest 5:88A, 1998.
77. Gubin DA, **Kutteh WH**, Dmochowski RR: Risk factors for development of antisperm antibodies in infertile males. American Urological Association, Inc. Annual Meeting, San Diego, CA, 1998.
78. **Kutteh WH**, Franklin RD, Milem CA: Immunoglobulins and interleukins in cervical mucus of women on oral contraceptives. (Abstract #29). American Society for Reproductive Immunology, 18<sup>th</sup> Annual Meeting. Am J Reprod Immunol 39:303, 1998.
79. **Kutteh WH**, Umstot ES: Antiphospholipid antibody (APA) wet workshop: Comparison of assay by ten centers. (Abstract #28). American Society for Reproductive Immunology, 18<sup>th</sup> Annual Meeting. Am J Reprod Immunol 39:304, 1998.
80. **Kutteh WH**, Moldoveanu Z, Prince S, Mestecky J. Rectal immunization with salmonella typhi induces a specific immune response in the female reproductive tract. (Abstract S10-2). Fourth International Meeting on Mechanisms in Local Immunity. Opatia, Croatia. Period. Biol. 100:48, 1998.

81. Vongphrachanh P, Umstot EH, and **Kutteh WH**: The sensitivity of five different urinary LH kits in recognizing the LH surge in normal ovulatory women. (Abstract #P-286). American Society for Reproductive Medicine, 54<sup>th</sup> Annual Meeting, San Francisco, California, October 4-9, 1998.
82. **Kutteh WH**, Umstot ES, and APA Wet Workshop Study Group: Antiphospholipid antibody (APA) testing in reproductive failure: Wet workshop evaluation of results. (Abstract #O-314). American Society for Reproductive Medicine, 54<sup>th</sup> Annual Meeting, San Francisco, California, October 4-9, 1998.
83. **Kutteh WH**, Franklin RD, and Milem A. Characterization of immunoglobulins and cytokines in human cervical mucus: influence of exogenous hormones. (Abstract #O-162). American Society for Reproductive Medicine, 54<sup>th</sup> Annual Meeting, San Francisco, California, October 4-9, 1998.
84. **Kutteh WH**, Carr AC, Yetman DL, and Scott RT. Antithyroid antibodies do not effect pregnancy outcome in women undergoing assisted reproductive technologies (ART). (Abstract #O-310). American Society for Reproductive Medicine, 54<sup>th</sup> Annual Meeting, San Francisco, California, October 4-9, 1998.
85. Deitcher SR, Park VM, **Kutteh WH**. Prothrombin 20210G>A mutation analysis in Caucasian women with early first trimester recurrent pregnancy loss. American Society of Hematology. 40<sup>th</sup> Annual Meeting, Miami Beach, FL, December 4-8, 1998.
86. Deitcher SR, Park VM, **Kutteh WH**. Methylene tetrahydrofolate reductase 677C>T mutation analysis in Caucasian women with early first trimester recurrent pregnancy loss. American Society of Hematology, 40<sup>th</sup> Annual Meeting, Miami Beach, FL, December 4-8. 1998.
87. **Kutteh WH**: Counseling couples with recurrent pregnancy loss. Caring Notes, by SHARE Pregnancy and Infant Loss Support. 4:III, 1-3 (Part I) and 4:IV, (1-3), Part II, 1998.
88. Franklin RD, Milem A, **Kutteh WH**. Characterization of immunoglobulins, cytokines, and reproductive hormones during pregnancy. (Abstract #650). Society of Gynecologic Investigation, 46<sup>th</sup> Annual Meeting, Atlanta, GA, March 10-13, 1999 J Soc Gynecol Invest 6:212A, 1999.
89. **Kutteh WH**, Carney JL. Etiologic factors in women with a history of recurrent pregnancy loss. (Abstract #42S). The American College of Obstetricians and Gynecologists, 47<sup>th</sup> Annual Meeting, Philadelphia, PA. May 15-19, 1999. Obstet Gynecol 93:42S, 1999.
90. Mestecky J, Moldoveanu Z, Pate M, **Kutteh WH**, Crowley-Nowick PA, Casteel LR, Kulhavy R, Hedges S, Kantele A, Jackson S, Russell MW. Induction of mucosal immune response in the human genital tract. New Approaches to Bacterial Vaccine Development, 3<sup>rd</sup> Annual Meeting, Munich, Germany, May 19-22, 1999.

91. Ilyia FA, **Kutteh WH**. Clinical evidence of resolution of condyloma accuminata at cervical and vaginal sites distant from area of application. 10<sup>th</sup> World Congress of Cervical pathology and Colposcopy. Buenos Aires, Argentina, November 7-11, 1999.
92. Ghazeeri GS, **Kutteh WH**, Ke RW, Voss A. Sonohysterography (SHG): A prospective study to determine patient acceptability of SHG over hysterosalpingogram (HSG) in the assessment of uterine structural abnormalities and tubal patency. (Abstract #P-445). American Society for Reproductive Medicine, 56<sup>th</sup> Annual Meeting. San Diego, CA, October 21-26, 2000.
93. Noble LS, **Kutteh WH**, Herrada JB. Antiphospholipid syndrome associated with recurrent pregnancy loss: Treatment with enoxaparin and low dose aspirin. (Abstract #P-506) American Society for Reproductive Medicine, 56<sup>th</sup> Annual Meeting. San Diego, CA, October 21-26, 2000.
94. Franklin RD, **Kutteh WH**, Ke RW. Antiphospholipid antibodies (APA) and recurrent pregnancy loss (RPL): treating a unique population of APA patients. (Abstract #P-29), Second International Conference on Experimental & Clinical Reproductive Immunology, Amsterdam, The Netherlands, November 15-18, 2000. J Reprod Immunol 51:67-68, 2001.
95. **Kutteh WH**. Mucosal immunity in the female reproductive tract. Second International Conference on Experimental & Clinical Reproductive Immunology. Amsterdam, The Netherlands, November 15-18, 2000. J Reprod Immunol 51:48-49, 2001.
96. Franklin RD, **Kutteh WH**. Inhibition of antiphospholipid antibody (APA) activity with unfractionated (UF) heparin and low molecular weight (LMW) heparin. (Abstract #0-06), American Society for Reproductive Medicine, 57<sup>th</sup> Annual Meeting, Orlando, Florida, October 20-25, 2001.
97. Ghazeeri GS, Chuang A, Ke RW, **Kutteh WH**. Elevated day 10 FSH is predictive of pregnancy loss in patients undergoing IVF. (Abstract #0-95), American Society for Reproductive Medicine, 57<sup>th</sup> Annual Meeting, Orlando, Florida, October 20-25, 2001.
98. Ghazeeri GS, Haas D, **Kutteh WH**, Ke RW. The use of rosiglitazone in ovulation induction in clomiphene resistant and obese women with polycystic ovary syndrome. (Abstract #0-95), American Society for Reproductive Medicine, 57<sup>th</sup> Annual Meeting, Orlando, Florida, October 20-25, 2001.
99. Barker LJ, Ke RW, **Kutteh WH**. The association of insulin resistance and recurrent pregnancy loss. (Abstract #P-137), American Society for Reproductive Medicine, 57<sup>th</sup> Annual Meeting, Orlando, Florida, October 20-25, 2001.
100. **Kutteh WH**. The risk for miscarriage. Optimal Obstetrics 1:4, 2002
101. Franklin RD, **Kutteh WH**. Heparin treatment for antiphospholipid antibodies. National Pharmaceutical Associates, Annual Meeting, July 2002.



102. Bagous TN, Norman L, Ke R, **Kutteh WH**. Association of thrombophilias in women with recurrent pregnancy loss. (Abstract P-317). American Society of Reproductive Medicine, 58<sup>th</sup> Annual Meeting, Seattle, WA, October 12-17, 2002.
103. **Kutteh WH**. When your patient asks about her risk of miscarriage. *Optimal Obstetrics*. 1(2): 4-5, August 2002.
104. Markle R, King P, **Kutteh WH**, Ke RW. Characteristics of successful human chorionic gonadotropin (hCG) administration in assisted reproduction. (Abstract O-180). American Society of Reproductive Medicine, 58<sup>th</sup> Annual Meeting, Seattle, WA, October 12-17, 2002.
105. **Kutteh WH**. Antiphospholipid syndrome in pregnancy: A randomized, controlled trial of treatment. *Obstet Gynecol* 100:1354-1355, 2002.
106. Wells MD, **Kutteh WH**, Ke RW. Diminished Ovarian Reserve Is associated with Tobacco use and poor reproductive performance. (Abstract #42S). The American College of Obstetricians and Gynecologists, 52nd Annual Meeting, Philadelphia, PA. May 3-6, 2004. *Obstet Gynecol* 103:124S, 2004.
107. Kutteh WH, Lundquist L, Ke RW. Towards a single blastocyst transfer in a medium sized assisted reproductive technology program. (Abstract P-179). American Society of Reproductive Medicine, 60<sup>th</sup> Annual Meeting, Philadelphia, PA, October 16-20, 2004.
108. Wells MD, **Kutteh WH**, Ke RW. Change In serum luteinizing hormone affects the outcome of In vitro fertilization. (Abstract P-188). American Society of Reproductive Medicine, 60<sup>th</sup> Annual Meeting, Philadelphia, PA, October 16-20, 2004.
109. Baredy HB, **Kutteh WH**, Voss R, Ke RW. Sonohysterography: a prospective study for the assessment of uterine structural abnormalities and tolerability In women. (Abstract-159). American Society of Reproductive Medicine, 60<sup>th</sup> Annual Meeting, Philadelphia, PA, October 16-20, 2004.
110. **Kutteh WH**, Jaslow CR, Ke RW. Elevated homocysteine levels in women with recurrent pregnancy loss are associated with A1298C mutations of methylenetetrahydrofolate reductase in the absence of C677T mutations. American Society of Reproductive Medicine, 62<sup>nd</sup> Annual Meeting, New Orleans, LA, October 21-25, 2006.
111. Jaslow CR, **Kutteh WH**, Ke RW, Patterson KS, Cholera S, Jennings LK. Relationship of the CD9 protein on human granulosa cells and platelets with fertilization rates in women undergoing in vitro fertilization. American Society of Reproductive Medicine, 62<sup>nd</sup> Annual Meeting, New Orleans, LA, October 21-25, 2006.



112. **Kutteh WH**, Williams L, Ke RW. A prospective, randomized, single-center study comparing the use of an echogenic embryo transfer catheter to a standard embryo transfer catheter in an IVF program. American Society of Reproductive Medicine, 62<sup>nd</sup> Annual Meeting, New Orleans, LA, October 21-25, 2006.
113. Jaslow CR, Carney J, Norman L, Fong S, Ke RW, **Kutteh WH**. Etiology of recurrent pregnancy loss. American Society of Reproductive Medicine, 62<sup>nd</sup> Annual Meeting, New Orleans, LA, October 21-25, 2006.
114. Herrada J, Noble LS, **Kutteh WH**. Enoxaparin and low dose aspirin in antiphospholipid syndrome (APS) associated with recurrent pregnancy loss. 2<sup>nd</sup> International Symposium on Women's Health Issues in Thrombosis and Haemostasis, Vienna, Austria, February 4, 2007.
115. Murray RS, Simonsen RV, Ke RW, **Kutteh WH**. Outcomes in in vitro fertilization (IVF) cycles which display dysynchronous follicular growth (Abstract P-115). American Society of Reproductive Medicine, 63<sup>rd</sup> Annual Meeting, Washington, DC, October 13-17, 2007. *Fertil Steril* 88:S147, 2007.
116. Smith XL, Ke RW, Page AM, **Kutteh WH**. Effect of weight and insulin-sensitization agents on polycystic ovarian syndrome (PCOS)- associated infertility (Abstract P-213). American Society of Reproductive Medicine, 63<sup>rd</sup> Annual Meeting, Washington, DC, October 13-17, 2007. *Fertil Steril* 88:S178, 2007.
117. **Kutteh WH**, Ke RW, Jaslow CR. Association between antiphospholipid antibodies and recurrent early pregnancy loss – a syndrome actually exists (Abstract P-362). American Society of Reproductive Medicine, 63<sup>rd</sup> Annual Meeting, Washington, DC, October 13-17, 2007. *Fertil Steril* 88:S227, 2007.
118. **Kutteh WH**, Lockton JM, Williams LJ, Ke RW. A novel Fertility-Friendly Lubricant for the Infertile Couple. 56<sup>th</sup> Annual Meeting of the American College of Obstetricians and Gynecologists. *Obstet Gynecol* 111: 20S, 2008.
119. **Kutteh WH**. Thrombophilia and Recurrent Pregnancy Loss. 6<sup>th</sup> Annual Congress of Turkish Obstetricians and Gynecologists. Antalya, Turkey, May 14-19, 2008.
120. Sayago MM, **Kutteh WH**, Peters C. Frequency of Subchorionic hematomas in patients attending a fertility clinic and a general obstetrical clinic. (Abstract P-26). American Society of Reproductive Medicine, 64<sup>th</sup> Annual Meeting, San Francisco, CA, November 8-12, 2008.
121. Chantillis SJ, Kutteh WH, Blankenship L, Potter CH, Ward D, Davidson T. Antiphospholipid (APA), antinuclear (ANA), and Antithyroid (ATA) antibodies do not effect pregnancy outcome in oocyte donation recipients. (Abstract P-835). American Society of Reproductive Medicine, 64<sup>th</sup> Annual Meeting, San Francisco, CA, November 8-12, 2008.
122. **Kutteh WH**, Collins B, Ke RW, Williams L. Conceivease Fertility-Friendly lubricant is superior to other commercial lubricants in preserving sperm motility and sperm progressive motility over 72 hours. (Abstract P-





287). American Society of Reproductive Medicine, 64<sup>th</sup> Annual Meeting, San Francisco, CA, November 8-12, 2008.

123. Donepudi R, **Kutteh WH**, Saitis D, Phillips OP. Evaluation of Stillbirths in a Teaching Hospital: Impact of ACOG 2007 Guidelines. 57<sup>th</sup> Annual Meeting of the American College of Obstetricians and Gynecologists. Chicago, IL. Obstet Gynecol 2009.

124. Davenport WB, Enggano B, **Kutteh WH**. Practice Pattern of Thrombophilia Testing in Reproductive-Aged Women. 57<sup>th</sup> Annual Meeting of the American College of Obstetricians and Gynecologists. Chicago, IL. Obstet Gynecol 2009.

125. Marchand GJ, **Kutteh WH**. Patient Selection Criteria for Outpatient Myomectomy Via Mini-laparotomy. 57<sup>th</sup> Annual Meeting of the American College of Obstetricians and Gynecologists. Chicago, IL. Obstet Gynecol 2009.

126. Stephenson MD, **Kutteh WH**. Intravenous immunoglobulin (IVIG) for treatment of idiopathic secondary recurrent miscarriage (ISRM): a prospective, randomized, double-blinded, placebo-controlled, multicentered trial. American Society of Reproductive Medicine 65<sup>th</sup> Annual Meeting. Atlanta, GA, October 17-21, 2009.

127. Odom LN, **Kutteh WH**. Interventions after embryo transfer: the use of progesterone and rest policies after embryo transfer in US IVF programs. American Society of Reproductive Medicine 65<sup>th</sup> Annual Meeting. Atlanta, GA, October 17-21, 2009.

128. **Kutteh WH**, Corey AC, Jaslow CJ. Antiphospholipid Antibodies and Recurrent Pregnancy Loss: Prevalence of Anticardiolipin Antibodies, the Lupus Anticoagulant, and antiphosphatidyl serine antibodies. (Abstract C156) Lupus 19:546, 2010.

129. **Kutteh WH**, Nelson V, Norman GL. Anti-PS/PT Antibodies in Recurrent Pregnancy Loss. 59<sup>th</sup> Annual Clinical Meeting of the American College of Obstetricians and Gynecologists. Washington, DC. April 30- May 4, 2011.

130. Butawan DM, Marchand GJ, **Kutteh WH**. Cost-Effective, Outpatient, Safe Minilaparotomy Myomectomy. 59<sup>th</sup> Annual Clinical Meeting of the American College of Obstetricians and Gynecologists. Washington, DC. April 30- May 4, 2011.



## PUBLICATIONS (MEDICAL STUDENT/RESIDENT/FELLOW MENTOR):

1. **Abraham S**, Lyda E,. Association of pregnancy loss in women with systemic lupus erythematosus and anticardiolipin antibodies. 31st Annual Medical Student Research Forum. The University of Texas Southwestern Medical Center. Dallas, TX. January 11, 1993.
2. **Dean A**,. Predictive value of the human embryonic heart rate on pregnancy outcome in women with and without a history of recurrent pregnancy loss. 33rd Annual Medical Student Research Forum. The University of Texas Southwestern Medical Center. Dallas, Texas. January 9, 1995.
3. **Ernel L**,. Interaction of heparin with antiphospholipid antibodies from the sera of women with recurrent pregnancy loss. 33rd Annual Medical Student Research Forum. The University of Texas Southwestern Medical Center. Dallas, Texas. January 9, 1995.
4. **Castorena R**, Kutteh WH. Incidence of elevated antiphospholipid antibodies in pregnant women with unexplained elevations of maternal serum alpha-fetoprotein. 33rd Annual Medical Student Research Forum. The University of Texas Southwestern Medical Center. Dallas, Texas. January 9, 1995.
5. **Allen JY**, Tapia-Santiago C, Kutteh WH. Antiphospholipid antibodies in patients with pregnancy induced hypertension. 34th Annual Medical Student Research Forum. The University of Texas Southwestern Medical Center, Dallas, TX, 1995.
6. **Paradez E**, Kutteh WH. Predictive value of the yolk sac measurement by transvaginal ultrasound during the embryonal period. 34th Annual Medical Student Research Forum, The University of Texas Southwestern Medical Center, Dallas, TX, 1995.
7. **Hollier N**, Kutteh WH. DHEAS and  $\beta_2$ -glycoprotein 1 in relation to antiphospholipid antibody syndrome. Annual Senior Resident Paper Day, University of Tennessee, Memphis, May 7, 1998.
8. **Voss A**, Kutteh WH. Sonohysterography: a prospective study of the assessment of uterine structural abnormalities and tubal patency in women. Annual Senior Resident Paper Day, University of Tennessee, Memphis, May 7, 1998.
9. **Carney JL**, Kutteh WH. Etiologic factors in women with a history of recurrent pregnancy loss. Annual Senior Resident Paper Day, University of Tennessee, Memphis, May 7, 1998.
10. **Foster WM**, Kutteh WH. Predictors of poor outcome In In Vitro Fertilization. Annual Senior Resident Paper Day, University of Tennessee, Memphis, May 6, 1999.



11. **Chuang AW**, Kutteh WH, Ke RW. An abnormal clomiphene citrate challenge test Is predictive of pregnancy loss In patients undergoing In vitro fertilization. Annual Senior Resident Paper Day, University of Tennessee, Memphis, March 29, 2001.
12. **Barker LJ**, Kutteh WH. The association of insulin resistance and recurrent pregnancy loss. Annual Senior Resident Paper Day, University of Tennessee, Department of Obstetrics and Gynecology, Memphis, April 4, 2002.
13. **Fong SA**, Kutteh WH. Predictive value of the human embryonic heart rate on pregnancy outcome In women with and without a history of recurrent pregnancy loss. Annual Senior Resident Paper Day, University of Tennessee, Department of Obstetrics and Gynecology Memphis, April 4, 2002.
14. **Bagous TN**, Kutteh WH. Association of thrombophilias In women with unexplained recurrent pregnancy loss. Annual Senior Resident Paper Day, University of Tennessee, Department of Obstetrics and Gynecology, Memphis, September 19, 2002.
15. **Bareddy HB**, Kutteh WH. Sonohysterography and hysterosalpingography: A prospective study of uterine anomalies and patient tolerance during the same menstrual cycle. Annual Senior Resident Paper Day, University of Tennessee, Memphis, May 7, 2003.
16. **Wells MD**, Kutteh WH, Ke RW. Diminished Ovarian Reserve Is associated with Tobacco use and poor reproductive performance. Annual Senior Resident Paper Day, University of Tennessee, Memphis, 2004.
17. **Jaslow CR**, Kutteh WH, Ke RW, **Patterson KS**, Cholera S, Jennings LK. Relationship of the CD9 protein on human granulosa cells and platelets with fertilization rates in women undergoing in vitro fertilization. Annual Senior Resident Paper Day, University of Tennessee, Department of Obstetrics and Gynecology, Memphis, 2006.
18. **Jaslow CR**, **Carney J**, Norman L, **Fong S**, Ke RW, **Kutteh WH**. Etiology of recurrent pregnancy loss. American Society of Reproductive Medicine, 62<sup>nd</sup> Annual Meeting, New Orleans, LA, October 21-25, 2006.
19. Murray RS, **Simonsen RV**, Ke RW, Kutteh WH. Outcomes in in vitro fertilization (IVF) cycles which display dysynchronous follicular growth. Annual Senior Resident Paper Day, University of Tennessee, Department of Obstetrics and Gynecology, Memphis, 2007.
20. **Smith XL**, Ke RW, Page AM, Kutteh WH. Effect of weight and insulin-sensitization agents on polycystic ovarian syndrome (PCOS)- associated infertility Annual Senior Resident Paper Day, University of Tennessee, Department of Obstetrics and Gynecology, Memphis, 2007.
21. **Sayago MM**, Kutteh WH, Peters C. Frequency of Subchorionic hematomas in patients attending a fertility clinic and a general obstetrical clinic. Annual Senior Resident Paper Day, University of Tennessee, Department of Obstetrics and Gynecology, Memphis, 2008.



22. **Donepudi R**, Kutteh WH, **Saitis D**, Phillips OP. Evaluation of Stillbirths in a Teaching Hospital: Impact of ACOG 2007 Guidelines. 57<sup>th</sup> Annual Meeting of the American College of Obstetricians and Gynecologists. Chicago, IL. Obstet Gynecol 2009.
23. **Marchand GJ**, Kutteh WH. Patient Selection Criteria for Outpatient Myomectomy Via Mini-laparotomy. 57<sup>th</sup> Annual Meeting of the American College of Obstetricians and Gynecologists. Chicago, IL Obstet Gynecol 2009.
24. **Odom LN**, Kutteh WH. Interventions after embryo transfer: the use of progesterone and rest policies after embryo transfer in US IVF programs. Annual Senior Resident Paper Day, University of Tennessee, Department of Obstetrics and Gynecology, Memphis, 2009.
25. **Davenport WB**, **Enggano B**, Kutteh WH. Practice Pattern of Thrombophilia Testing in Reproductive - Aged Women. Annual Senior Resident Paper Day, University of Tennessee, Department of Obstetrics and Gynecology, Memphis, 2010.
26. **Kutteh WH**, Corey AC, **Jaslow CJ**. Antiphospholipid Antibodies and Recurrent Pregnancy Loss: Prevalence of Anticardiolipin Antibodies, the Lupus Anticoagulant, and antiphosphatidyl serine antibodies. (Abstract C156) Lupus 19:546, 2010.
27. **Butawan DM**, Marchand GJ, Kutteh WH. Cost-Effective, Outpatient, Safe Minilaparotomy Myomectomy. Annual Senior Resident Paper Day, University of Tennessee, Department of Obstetrics and Gynecology, Memphis, 2011.



## RESEARCH SUPPORT - BASIC RESEARCH FUNDING

1. AGENCY: International Union Against Cancer - Geneva Switzerland  
PROJECT: "Radioimmunoassay for Human Ovarian Tumor-Associated Antigen"  
P.I.: William H. Kutteh  
FUNDING: \$3,500  
DATE: 1978
2. AGENCY: Hokkaido University, Dept. of Ob/Gyn - Hokkaido, Japan  
PROJECT: "Early Detection Systems for Human Ovarian Cancer"  
FUNDING: \$1,500  
P.I.: William H. Kutteh  
DATE: 1978
3. AGENCY: National Institutes of Health - Washington, DC  
PROJECT: Predoctoral Fellowship: "Molecular and Cellular Aspects of Immunoglobulin A Synthesis and Secretion"  
P.I.: William H. Kutteh  
FUNDING: \$10,000  
DATES: 1978-1979
4. AGENCY: University of Alabama at Birmingham, AL  
PROJECT: "Origin of Immunoglobulin A Molecules in the Circulation and Secretion"  
P.I.: William H. Kutteh  
FUNDING: \$8,000  
DATE: 1980-1981
5. AGENCY: Eli Lilly & Company-Medical Res. Div. - Indianapolis, IN  
PROJECT: "Establishment of *In Vivo* and *In Vitro* Model Systems for the Characterization of Human Ovarian Neoplasms"  
P.I.: William H. Kutteh, Ph.D.  
FUNDING: \$4,800  
DATES: 1983-1984, 1984-1985
6. AGENCY: American Cancer Society - Winston-Salem, NC  
PROJECT: "Characterization of Autologous Antibodies Isolated From Human Ovarian Neoplastic Effusions"  
P.I.: William H. Kutteh, Ph.D.  
FUNDING: \$3,500  
DATES: 1983-1985



7. AGENCY: Southern Medical Assoc. Grant - Birmingham, AL  
PROJECT: "Tissue Specificity of Autologous Antiovarian Tumor Antibodies"  
P.I.: William H. Kutteh, Ph.D.  
FUNDING: \$2,500  
DATES: 1983-1985
8. AGENCY: South Atlantic Assoc. of Obstetricians & Gynecologists  
PROJECT: "Reactivity of Autologous Antibodies to Human Ovarian Tumors"  
P.I.: William H. Kutteh, Ph.D.  
FUNDING: \$2,400  
DATES: 1983-1984, 1984-1985
9. AGENCY: Bowman Gray School, Winston-Salem, NC  
PROJECT: "Functional Activity of Autologous Antibodies to Human Ovarian  
Tumor-Associated Antigens"  
P.I.: William H. Kutteh, Ph.D.  
FUNDING: \$7,600  
DATES: 1983-1985
10. AGENCY: Mead Johnson-Am. College of Ob/Gyn-Washington, DC  
PROJECT: "Autologous Antibodies Eluted from Membrane Fragments of  
Human Ovarian Neoplasms"  
P.I.: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$4,000  
DATES: 1986-1987
11. AGENCY: Am. Cancer Society Institutional Grant - Birmingham, AL  
PROJECT: "Cytotoxic Activity of Autologous Antibodies Isolated from  
Human Ovarian Neoplastic Effusions"  
P.I.: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$7,100  
DATES: 1987-1989
12. AGENCY: National Institutes of Health - Washington, DC  
PROJECT: Postdoctoral Fellowship: "Control of Cholesterol Metabolism by  
the Human Fetus: Central Role of the Hepatocyte and Kupffer Cell"  
P.I.: William H. Kutteh, M.D., Ph.D.



FERTILITY  
ASSOCIATES  
of MEMPHIS

*William H. Kutteh, MD, Ph.D Raymond W. Ke, MD*

*80 Humphreys Center, Suite 307, Memphis, TN 38120*

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FUNDING:  
DATES:

\$60,000  
1989-1991



13. AGENCY: American Fertility Society - Ortho Pharmaceutical Corp.  
PROJECT: "Fetal Influences on the Regulation of Cholesterol Metabolism in the Maternal-Fetal Unit"  
P.I.: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$30,000  
DATES: 1991-1992
14. AGENCY: The Berlex Foundation - Dumont, NJ  
PROJECT: "Mucosal Immunity and Immunization Strategies for Sexually Transmitted Diseases"  
P.I.: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$60,000  
DATES: 1994-1995
15. AGENCY: National Institutes of Health - Washington, DC  
PROJECT: "Mucosal Vaccination Against Sexually Transmitted SIV/HIV"  
Co-P.I.: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$45,000  
DATES: 1994-1998
16. AGENCY: National Institutes of Health - Washington, D.C.  
PROJECT: "Recurrent Miscarriage (REMIS) Study: A Double-Blind Randomized Clinical Trial"  
COORDINATOR: William H. Kutteh, M.D., Ph.D.  
FUNDING: Variable  
DATES: 1995-1998
17. AGENCY: National Institutes of Health - Washington, DC  
PROJECT: "Vaginal Immunity: Role of Endogenous/Exogenous Agents"  
R01-HD-33168  
P.I.: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$506,044  
DATES: 1995-1998
18. AGENCY: UT Medical Group, Inc. - Memphis, TN  
PROJECT: "The Use of Subcutaneous Heparin and Aspirin: Effect on Implantation Rates in Patients Undergoing *In Vitro* Fertilization"  
P.I.: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$15,000  
DATES: 1997-1998





19. AGENCY: University of Tennessee, Memphis  
PROJECT: "Comparison of Luteal Phase Support Regimens in Women Undergoing In Vitro Fertilization - Embryo Transfer"  
P.I.: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$6,250  
DATES: 1997 -1998
20. AGENCY: National Institutes of Health, Clinical Research Center Grant  
PROJECT: "The effect of metformin therapy on insulin sensitivity and endrogenic profile in African American and Caucasian women with polycystic ovarian syndrome."  
Co-I: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$50,000  
DATES: 2001-2003
21. AGENCY: National Institutes of Health, Clinical Research Center Grant  
PROJECT: A prospective, randomized, double-blinded multicenter study to compare the safety and efficacy of immune globulin intravenous (Human) 10% with placebo in the treatment of recurrent spontaneous abortion.  
PI: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$200,000  
DATES: 2000-2007
22. AGENCY: The University of Tennessee, Memphis  
PROJECT: "Correlation of CD9 protein on human granulosa cells and conception rates In women undergoing treatment for unexplained Infertility"  
Co-I: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$6,500  
DATES: 2005-2006
23. AGENCY: National Institutes of Health  
PROJECT: "Predictors of Adolescent Sperm Banking: Development of a Profiling and Referral Tool"  
Co-PI: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$30,852  
DATES: 2010-2012



## RESEARCH SUPPORT - PHARMACEUTICAL TRIALS

1. AGENCY: Syntex Laboratories, Inc. (LAB/NAF vs 605/USA)  
PROJECT: "Prevention of Bone Loss and Other Hypoestrogenic Effects by Low Dose Estrogen and Norethindrone During Nafarelin Treatment of Endometriosis"  
Co-P.I.: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$65,412  
DATES: 1991-1993
2. AGENCY: TAP Pharmaceuticals, Inc. (M90-C11)  
PROJECT: "Double-Blind Study of Two Doses of Lupron Depot Plus Iron vs. Placebo Plus Iron in the Preoperative Treatment of Hypomenorrhea-Induced Anemia in Patients with Leiomyoma"  
Co-P.I.: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$71,250  
DATES: 1991-1993
3. AGENCY: Genzyme Corporation (HC-91-1203)  
PROJECT: "Use of Surgicoat in the Prevention of Postoperative Adhesions: Phase I and II"  
Co-P.I.: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$102,600  
DATES: 1991-1995
4. AGENCY: Zeneca Pharmaceuticals (9393US1001:021)  
PROJECT: "A Multicenter Placebo Controlled Trial of 3.6 mg Zoladex Therapy for Leiomyoma"  
Co-P.I.: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$86,920  
DATES: 1992-1994
5. AGENCY: Zeneca Pharmaceuticals (Z01-1-A48-1)  
PROJECT: "A Multicenter Trial Comparing 3.6 Zoladex Therapy With or Without Hormone Replacement Therapy for the Treatment of Endometriosis"  
Co-P.I.: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$109,500  
DATES: 1992-1995
6. AGENCY: R.W. Johnson Pharmaceutical Res. Institute (N93-012)



- PROJECT: "A Multicenter, Double-Blind, Placebo-Controlled, Randomized Study to Evaluate 17 $\beta$ -Estradiol Transdermal Delivery System in the Treatment of Vasomotor Symptoms and Genital Atrophy"  
Co-P.I.: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$121,800  
DATES: 1993-1996
7. AGENCY: R.W. Johnson Pharmaceutical Res. Institute (N93-072)  
PROJECT: "Randomized, Double-Blind, Parallel-Group, Dose-Ranging Study to Evaluate a Cyclophasic Hormone Replacement Therapy Regimen of Estradiol and Norgestimate"  
Co-P.I.: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$124,950  
DATES: 1994-1996
8. AGENCY: Wyeth-Ayerst Research (858-A-301-US)  
PROJECT: "An Open-Label Multicenter Study to Determine the Efficacy and Safety of a Preparation of Levonorgestrel 100 Micrograms and Ethinyl Estradiol 20 Micrograms"  
Co-P.I.: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$91,250  
DATES: 1994-1996
9. AGENCY: Liplha Pharmaceuticals, Inc.  
PROJECT: Multicenter Dose-Finding Study Comparing the Efficacy of EMD 90 171, A Once-a-Week Estradiol-Levonorgestrel Combination Transdermal System (TDS), with Placebo in the Treatment of Vasomotor Symptoms Associated with Menopause.  
PI: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$150,000  
DATES: 1997-1998
10. AGENCY: Ferring Pharmaceuticals, Inc. (FPI Rep 97-01)  
PROJECT: A Randomized, Open-Label, Parallel Group, Multi-Center, Pharmacokinetic/Pharmacodynamic Study In Anovulatory and Oligoovulatory Infertile Female Patients Comparing Repronex® S.C. and I.M. with Pergonal I.M. for Ovulation Induction.  
PI: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$100,000  
DATES: 1997-1998
11. AGENCY: Ares-Serono Laboratories, Inc. (9696A)  
PROJECT: A Phase III, Open-Label, Multicenter Study to Evaluate the Safety and Efficacy of Recombinant Human Follicle Stimulating Hormone (Gonal-F) Administered by the Subcutaneous Route During Pituitary Desensitization, for Multiple Follicle Development in 100 Women Undergoing In-Vitro Fertilization and Embryo Transfer.



- PI: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$30,000  
DATES: 1997-1998
12. AGENCY: Ferring Pharmaceuticals, Inc. (FPI Rep 97-02)  
PROJECT: A Randomized, Open-Label, Parallel Group, Multi-Center, Efficacy Study Comparing Repronex™ S.C., Repronex™ I.M. and Pergonal® I.M. in Female Patients Undergoing In-Vitro Fertilization.  
PI: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$36,000  
DATES: 1997-1998
13. AGENCY: Ferring Pharmaceuticals, Inc. (FPI FSH 99-04)  
PROJECT: A randomized, open-label, parallel group, multi-center efficacy study comparing purified FSH SC, purified FSH IM, and Follistim SC, in female patients undergoing in vitro fertilization (IVF).  
PI: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$156,690  
DATES: 1999-2000
14. AGENCY: Bayer, Inc. Blood Partnership Fund  
PROJECT: A prospective, randomized, double-blinded multicenter study to compare the safety and efficacy of immune globulin intravenous (Human) 10% with placebo in the treatment of recurrent spontaneous abortion.  
Co-PI: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$800,000  
DATES: 2000-2007
15. AGENCY: Ares-Serono Laboratories, Inc.  
PROJECT: A Phase III, Open-Label, Multicenter Study to Evaluate the Safety and Efficacy of Recombinant Human Follicle Stimulating Hormone (Gonal-F Multidose) Administered by the Subcutaneous Route During Pituitary Desensitization, for Multiple Follicle Development in 100 Women Undergoing In-Vitro Fertilization and Embryo Transfer.  
Co-PI: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$50,000  
DATES: 2003-2004
16. AGENCY: Sepal Reproductive Devices, Inc  
PROJECT: A Prospective, Randomized, Single-Center Trial Comparing the Wallace catheter and the CCD Catheter for Embryo Transfer in Female Patients Undergoing In-Vitro Fertilization.



- PI: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$30,000  
DATES: 2006-2007
17. AGENCY: Wyeth Pharmaceuticals, Inc.  
PROJECT: Fracture incidence reduction and safety of TSE-424 (Bazedoxifene Acetate) compared to placebo and Raloxifene in osteoporotic postmenopausal women  
Co-I: William H. Kutteh, M.D., Ph.D.  
FUNDING: varies  
DATES: 2006-2007
18. AGENCY: EMD-Serono Laboratories, Inc.  
PROJECT: A Phase II, Prospective, Randomized, Double-Blind,, Multicenter, Dose Finding, Comparative Study for the Evaluation of the Aromatase Inhibitor Anastrozole (multiple-Dsoe) versus Clomiphene Citrate in Stimulating Follicular Growth and Ovulation in Infertile Women with Ovulatory Dysfunction.  
Co-PI: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$50,000  
DATES: 2007
19. AGENCY: Columbia Laboratories, Inc.  
PROJECT: A Phase III, prospective, open-label, multicenter trial of the Efficacy of Hormone Supplementation in Clomiphene Citratae Clinical Treatment cycles for Infertility.  
Co-PI: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$25,000  
DATES: 2009-2010
20. AGENCY: MERCK, Schering-Plough  
PROJECT: "A Phase 3, randomized, double-blind, active-controlled, non-inferiority trial to investigate the efficacy and safety of a single injection of SCH 900962 (corifollitropin alfa) to induce multifollicular development for controlled ovarian stimulation (COS) using daily recombinatnt FSH (recFSH) as a reference in women aged 35 to42 years (phase 3:Protocol No. P06029)  
Co-I: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$475,000  
DATES: 2010-2011
21. AGENCY: MERCK, Schering-Plough  
PROJECT: "Follow-up protocol to collect the outcomes and safety of frozen-thawed embryo transfer (FTET) cycles after cryopreservation of embryos in clinical study P06029 (phase 3:Protocol No. P06031)  
Co-I: William H. Kutteh, M.D., Ph.D.  
FUNDING: \$125,000



DATES: 2011-2013

### **INVITED LECTURES / SEMINARS**

“Molecular Characteristics of IgA Produced by Peripheral Blood Lymphocytes.” First Prize at the 13th Annual Graduate Student Sigma Xi Research Day, University of Alabama at Birmingham, April 23, 1980.

“Specificity and Activity of Autologous Antibodies Eluted from Membrane Fragments Isolated from Human Ovarian Epithelial Neoplastic Effusions.” Invited Presentation before the Society of Gynecologic Oncology (first medical student presentation before this society), Florida, February 4, 1984.

“Autologous Antibodies to Human Ovarian Tumor-Associated Antigens.” First Prize Paper at the Annual Medical Student Sigma Xi Research Day, Bowman Gray School of Medicine, Winston-Salem, NC, March 20, 1984.

“Autologous Ovarian Tumor-Associated Antigens Defined by Human Antibodies Eluted from Tumor Membranes.” Invited Presentation at the 6th International Congress of Immunology, Toronto, Canada, July 8, 1986.

“Secretory Immune System of the Female Reproductive Tract.” Invited Presentation at the 35th Annual Meeting of the American College of Obstetricians and Gynecologists, Las Vegas, NV, April 27, 1987.

“Glucocorticoid Regulation of Fetal Macrophage Function in Early Gestation.” Invited Presentation at the 46th Annual Meeting of the American Fertility Society, Washington, D.C., October 15, 1990.

“Current Management of Recurrent Pregnancy Loss.” Grand Rounds, Department of Ob/Gyn, University of Alabama at Birmingham, November 28, 1990.

“Recurrent Pregnancy Loss: Evaluation and Treatment.” Ob/Gyn Grand Rounds, University of Kentucky at Louisville, February 27, 1991.

“Secretory Immune System.” Invited Faculty, Department of Microbiology, University of Alabama at Birmingham, July 29, 1991.

“Regulatory Effects of Multifunctional Cytokines on Apolipoprotein B Production by Human Fetal Hepatocytes.” Invited Presentation at the Aston Bile Acid/Cholesterol Conference at the Given Institute of Pathobiology, Aspen, CO, August 18, 1991.



- “Current Management of Recurrent Pregnancy Loss.” RESOLVE Conference, Dallas, TX, November 2, 1991.
- “Recurrent Pregnancy Loss.” Faculty Member for Contemporary Issues and Practices in Ob/Gyn Postgraduate Course, Dallas, TX, November 7, 1991.
- “Pituitary Infarction and Apoplexy.” Invited Speaker, Medical Endocrine Rounds, The University of Texas Southwestern Medical Center, Dallas, TX, January 7, 1992.
- “Current Management of Menopause.” Ob/Gyn Grand Rounds, Presbyterian Hospital, Dallas, TX, January 15, 1992.
- “Comprehensive management approach to chronic pelvic pain.” Ob/Gyn Grand Rounds, St. Paul Medical Center, Dallas, TX, January 28, 1992.
- “Immunology of Recurrent Pregnancy Loss.” Ob/Gyn Grand Rounds, Methodist Medical Center, Dallas, TX, February 12, 1992.
- “Recurrent Pregnancy Loss.” Medical Endocrine Grand Rounds, The University of Texas Southwestern Medical Center, Dallas, TX, April 1, 1992.
- “Immunology of the Female Reproductive Tract.” Plenary Speaker, 12th National Meeting of the American Society for the Immunology of Reproduction, Charleston, SC, June 11, 1992.
- “Production of Secretory Immunoglobulins in the Human Female Reproductive Tract.” Plenary Speaker, 5th International Congress of Reproductive Immunology, Rome, Italy, September 1, 1992.
- “Evaluation of Recurrent Pregnancy Loss” and “Immunologic Disorders of Pregnancy.” Faculty at Contemporary Issues and Practices in Ob/Gyn, Dallas, TX, November 4-5, 1992.
- “Endometriosis.” Ob/Gyn Grand Rounds, Methodist Medical Center, Dallas, TX, December 16, 1992.
- “Current Management of Ectopic Pregnancy.” Ob/Gyn Grand Rounds, St. Paul Medical Center, Dallas, TX, March 9, 1993.
- “Chronic Pelvic Pain.” Faculty at the 16th Annual Seminar in Women’s Health Care, Dallas, TX, April 13, 1993.
- “Normal and Abnormal Sexual Development.” Invited Speaker, Internal Medicine Seminar, The University of Texas Southwestern Medical Center, Dallas, TX, May 5, 1993.
- “Recurrent Pregnancy Loss.” Contemporary Issues and Practices in Ob/Gyn Review Conference, Dallas, TX, September 15, 1993.



“Medical Evaluation of Recurrent Pregnancy Loss.” Invited Faculty at the RESOLVE Annual Conference, Dallas, TX, September 23, 1993.

“Questions to Ask After Recurrent Pregnancy Loss.” Invited Faculty at the RESOLVE Annual Postgraduate Course of the American Fertility Society, Montreal, Canada, October 9, 1993.

“Secretory Immunity.” Faculty at the 26th Annual Postgraduate Course of the American Fertility Society, Montreal, Canada, October 9, 1993.

“Immunology of Multiple Endocrinopathies associated with Premature Ovarian Failure.” Faculty at the 28th Annual Meeting of the Southwestern Gynecologic Assembly, Dallas, TX, December 3, 1993.

“Recurrent Pregnancy Loss: The Role of Immunologic Therapy.” First Meeting of the Dallas Area Reproductive Endocrinologists, Dallas, TX, February 5, 1994.

“Pregnancy Loss.” Invited Radio Show Host, KGBS 1190 AM Radio Station, Dallas, TX, February 22, 1994.

“Dysfunctional Uterine Bleeding.” Family Medicine Grand Rounds, Little Rock Air Force Base, Little Rock, AR, May 3, 1994.

“Assisted Reproductive Technologies.” Ob/Gyn Grand Rounds, Arlington Medical Center, Arlington, TX, May 5, 1994.

“Vaccine Strategies for Mucosal Immunity in the Female Genital Tract.” Invited Lecture to the Immunobiology Vaccine Center, Department of Microbiology, University of Alabama in Birmingham, May 12, 1994.

“Autoimmunity.” Chairman of the session at the American Society of Reproductive Immunology, Philadelphia, PA, June 22, 1994.

“Office *In Vitro* Fertilization.” Invited Radio Show Host, KGBS 1190 AM Radio Station, Dallas, TX, September 9, 1994.

“Infertility.” Invited Radio Show Host, WBAP Radio Station, Arlington, TX, September 23, 1994.

“Dealing with Recurrent Pregnancy Loss” and “Communication With Your Health Care Provider.” Invited Faculty, 9th National Perinatal Bereavement Conference, Denver, CO, October 6-8, 1994.

“Recurrent Pregnancy Loss.” Faculty at Contemporary Issues and Practices in Ob/Gyn, Dallas, TX, November 2, 1994.





“Treatment of Autoimmune Causes of Pregnancy Loss.” Presentation at Presbyterian Hospital, Dallas, TX, February 1, 1995.

“Development of Mucosal Immunity in the Female Reproductive Tract.” Invited presentation to the Berlex Corporation at the Society of Gynecologic Investigation, Chicago, IL, March 15, 1995.

“Recurrent Pregnancy Loss” and “Diagnostic and Operative Hysteroscopy.” Faculty at Practical Infertility and Reproductive Endocrinology, Dallas, TX, April 21-22, 1995.

“Diagnosis and Management of Pregnancy Loss.” Ob/Gyn Grand Rounds, The University of Tennessee, Memphis, TN, May 17, 1995.

“Management of Abnormal Uterine Bleeding.” Invited Faculty for the Texas Medical Association Annual Session, Dallas, TX, May 19, 1995.

“Dealing with Recurrent Pregnancy Loss.” Invited Lecturer at the National Perinatal Bereavement Conference, St. Louis, MO, June 23, 1995.

“A Randomized Multicenter Trial of the Use of Subcutaneous Heparin and Aspirin: Effect on Implantation Rates in Patients Undergoing In Vitro Fertilization.” Invited Presentation to the Southeastern Reproductive Medicine Associates (NC, SC, GA), Charleston, SC, June 24, 1995.

“Results of a Controlled Clinical Trial for the Treatment of Antiphospholipid Antibody Syndrome.” Invited Plenary Lecturer Before the Sixth International Congress of Reproductive Immunology, Washington, D.C., July 23, 1995.

“Alloimmune Causes of Recurrent Pregnancy Loss.” Ob/Gyn Postgraduate Course, Contemporary Issues and Practices in Ob/Gyn, Dallas, TX, September 27, 1995.

“Mucosal Immunity in the Female Reproductive Tract” and “Recurrent Pregnancy Loss, Diagnosis and Management.” Invited Faculty to the Reproductive Immunology Postgraduate Course at the Annual Meeting of the American Society for Reproductive Medicine, Seattle, WA, October 7-8, 1995.

“The Nurses Role in the Management of Pregnancy Loss.” Invited Seminar and Workshop Speaker at the Annual Meeting of the American Society of Reproductive Medicine, Seattle, WA, October 10, 1995.

“In-Office Hysteroscopy.” Invited Round Table Speaker at the Annual Meeting of the American Society for Reproductive Medicine, Seattle, WA, October 11, 1995.

“Vaginal Immunology: Role of Endogenous/Exogenous Agents.” Invited Speaker to National Institutes of Health Symposium, Enhancing Vaginal Defense Mechanisms: Immunology and Physiology, Bethesda, MD, April 9-10, 1996.



“Work-Up of Recurrent Pregnancy Loss.” Invited Speaker at the Shelby County Ob/Gyn Society. Memphis, TN, October 10, 1996.

“Update on Assisted Reproductive Technologies.” Ob/Gyn Grand Rounds, Baptist Hospital East, Memphis, TN, October 14, 1996.

“Recurrent Pregnancy Loss: When is Surgery Appropriate.” Faculty at the 15th Annual Gynecological Surgery Seminar, Memphis, TN, November 1, 1996.

“Antiphospholipid Antibody Syndrome.” and “Immunologic Testing in Reproduction.” Invited Round Table Speaker at the Annual Meeting of the American Society for Reproductive Medicine, Boston, MA, November 4-5, 1996.

“Nurses Role in the Management of Recurrent Pregnancy Loss.” Invited Speaker at Fertility Nurses Society of Dallas, Texas, November 12, 1996.

“Antiphospholipid Antibodies in General Medicine.” Invited Grand Rounds Speaker, Division of Endocrinology, University of Tennessee, Memphis, TN, December 12, 1997.

“Avoiding Pregnancy Loss.” Infertility Conference, Jackson-Madison County General Hospital, Jackson, TN, January 18, 1997.

“Mucosal Immunity: Overview.” Invited Lecturer, National Institutes of Health, NICHD, Reproductive Tract and HIV Conference, Bethesda, MD, February 11, 1997.

“Autoimmunity in Reproduction.” Albuquerque Ob/Gyn Society. Albuquerque, NM, April 23, 1997.

“Immunity and Its Role in Infertility.” Houston Conference on Infertility, Resolve,. Houston, TX, May 3, 1997.

“Recurrent Pregnancy Loss: Antiphospholipid Antibody Syndrome.” Reproductive Biology Associates/Southeastern Fertility Institute, Atlanta, GA, June 26, 1997.

“Chronic Pelvic Pain”, “Hysteroscopy”, “Abnormal Vaginal Bleeding”, “Hormone Replacement Therapy”, “Recurrent Pregnancy Loss”, “Antiphospholipid Antibody Syndrome.” Faculty of the University of Tennessee, Contemporary Issues in Gynecology, Sandestin, FL, August 7-9, 1997.

"Antiphospholipid Antibodies and Assisted Reproductive Technologies." Plenary Speaker at the First International Conference on Experimental and Clinical Reproductive Immunology, Charlottesville, VA, October 2, 1997,



“Autoimmune Causes of Reproductive Failure.” and “Antiphospholipid Antibodies and Pregnancy Loss .” Invited Speaker at the Annual Meeting of the American Society of Reproductive Medicine, Cincinnati, OH, October 18, 1997.

“Mucosal Immunization for the Development of Female Reproductive Tract Immunity.” Invited Keynote Speaker for the First Berlex Foundation Scholar Symposium, San Francisco, CA, November 15, 1997.

"Immunologic Aspects of Pregnancy Loss." Grand Rounds Speaker at the Department of Obstetrics and Gynecology, Medical College of Virginia, Virginia Commonwealth University, Richmond, VA, January 29, 1998.

"Auto- and Alloimmune Factors in Reproduction." Invited Speaker at Advances in Reproductive Medicine Postgraduate Course, Department of Obstetrics and Gynecology, Henry Ford Medical Center, Detroit, MI, February 4, 1998.

"Recurrent Pregnancy Loss." Grand Rounds Speaker at the Department of Obstetrics and Gynecology, University of Wisconsin Madison Campus, Madison, WI, May 28, 1998.

"Infertility 101: The Basic Workup" and "Immunologic Infertility and Recurrent Miscarriage." Faculty at Pathways to Parenthood, Resolve of Tennessee, Memphis, TN, June 13, 1998.

"Estrogen Replacement Therapy", "Treatment of Abnormal Vaginal Bleeding", "Update on Recurrent Pregnancy Loss", "Chronic Pelvic Pain", and "Hysteroscopy for Your Office Practice." Faculty of the University of Tennessee, Contemporary Issues in Gynecology, Sandestin, FL, August 6-8, 1998.

"Mucosal Immunology of the Female Reproductive Tract." Invited Faculty to the Fourth International Meeting: Mechanisms in Local Immunity. Opatija, Croatia. September 17, 1998.

"Autoimmune Testing in Reproduction." Invited Round Table Speaker at the 16th World Congress on Fertility and Sterility and the 54th Annual Meeting of the American Society for Reproductive Medicine, San Francisco, CA. October 5, 1998.

"Immunologic Aspects of Recurrent Pregnancy Loss" and “Autoimmune Factors in Implantation.” Plenary Speaker at the Fertility Society of Australia Annual Conference 1998. Hobart, Tasmania, Australia. October 30-31, 1998.

"Treatment of Antiphospholipid Antibodies with Heparin Aspirin." Invited Plenary Speaker at the Antiphospholipid Study Group at the 62nd National Scientific Meeting of the American College of Rheumatology. San Diego, CA November 11, 1998.

"Recurrent Pregnancy Loss," "Hysteroscopy," "Abnormal Vaginal Bleeding," "Hormone Replacement Therapy Options." Faculty for Contemporary Issues in Gynecology. Grand Cayman , BWI. February 15-18, 1999.



"Recurrent Pregnancy Loss." Grand Rounds Speaker at Wake Forest University School of Medicine, Winston-Salem, N.C. June 23, 1999.

"Unfractionated and Low Molecular Weight Heparin Treatment of Antiphospholipid Syndrome." Invited symposium speaker. 55<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine, Toronto, Ontario, Canada. September 27, 1999.

"Immunotherapy for Recurrent Pregnancy Loss." Grand Round Speaker at the Department of Obstetrics and Gynecology, University of Florida, Gainesville, Fla. October 29, 1999.

"Recurrent Miscarriage," "Antiphospholipid Syndrome." Faculty at Mayo Clinic OB/GYN Clinical Reviews, Rochester, MN, November 11-13, 1999.

"Approach to Abnormal Uterine Bleeding," "Recurrent Pregnancy Loss," "Pelvic Pain Evaluation," "Estrogen Replacement Therapy or SERMS." Faculty at ACOG postgraduate course Current Concepts in Reproductive Endocrinology & Infertility. Coronado, CA, March 16-18, 2000.

"Update on Recurrent Pregnancy Loss," "Sonohysterography." Faculty at ACOG 48<sup>th</sup> Annual Clinical Meeting, San Francisco, CA, May 20-24, 2000.

"Immune Testing in Reproduction," "A Look Inside: The How To's of Office Hysteroscopy," "Recurrent Pregnancy Loss Update," "HRT and Options." Faculty at 18<sup>th</sup> Annual OB/GYN Kaiser Permanente Conference, Big Island of Hawaii, July 15-22, 2000.

"Therapy for Antiphospholipid Syndrome," "Evaluating the Uterus before ART." Invited Faculty 46<sup>th</sup> Annual Canadian Fertility and Andrology Society, St. John's, Newfoundland, Canada, September 13-16, 2000.

"New Diagnostic Strategies for Recurrent Pregnancy Loss." Invited Speaker, 7<sup>th</sup> Annual CM Easley Symposium and Resident Research Day, Greenville, SC, September 22-23, 2000.

"Autoimmunity in Reproductive Function." Moderator Concurrent Symposia, 56<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine, San Diego, CA, October 24, 2000.

"Mucosal Immunity in the Human Female Reproductive Tract." Invited Faculty, 2<sup>nd</sup> International Conference on Experimental and Clinical Reproductive Immunobiology, Amsterdam, The Netherlands, November 15-18, 2000.

"Insulin Resistance" and "Latest Trends in Recurrent Pregnancy Loss." Faculty at 33<sup>rd</sup> Annual Matt Weis Symposium Advances in Obstetrics and Gynecology, St. Louis, MO, April 19-20, 2001.



"PCO and Insulin Resistance," "What's New in Recurrent Pregnancy Loss." Invited Faculty to 49<sup>th</sup> Anniversary Meeting ACOG. Chicago, IL, May 1-2, 2001.

"Treatment of Antiphospholipid Antibodies" and "Antithyroid Antibodies and Reproduction." Invited Faculty at 57<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine, Orlando, Florida, October 21, 2001.

"Recurrent Pregnancy Loss- Update In testing and treatment". Vanderbilt University Medical Center, Grand Rounds In Obstetrics and Gynecology, Nashville, TN, February 20, 2002.

"Insulin Resistance In Pregnancy" and "Immunology of pregnancy loss". South Central Obstetrical and Gynecological Society., Annual Meeting, Memphis, TN, April 11, 2002.

"Update on Recurrent Pregnancy Loss" and "Polycystic Ovaries and Insulin Resistance." Postgraduate Course Director at the 50<sup>th</sup> Annual Clinical Meeting of the American College of Obstetrics and Gynecology, Los Angeles, California, May 7-8, 2002.

"Thrombophilias," "Recurrent Pregnancy Loss" and "Insulin Resistance." Invited Faculty at the Annual Meeting of the Florida Obstetric and Gynecologic Society, Orlando, Florida, July 26-28, 2002.

"Autoantibodies as a Contributory Cause of Recurrent Pregnancy Loss," Evaluation of Coagulation Defects as a Contributory Cause of Recurrent Pregnancy Loss," and "The Efficacy of Currently Used Treatment Regimens in RPL to Induce Changes Relevant for Fetal Survival." ESRHE Campus Workshop: Evidence-Based Investigations and Treatments of Recurrent Pregnancy Loss. Copenhagen, Denmark. August 26-28, 2002.

"Coagulation abnormalities and pregnancy complications". Postgraduate Faculty at 58th Annual Meeting of the American Society for Reproductive Medicine, Seattle, WA, October 12, 2002.

"Clinical Challenges In Early Pregnancy". Lecturer at 9th Annual Current Topics In Ob/Gyn, Northeastern Ohio Universities, Rootstown, Ohio, November 6, 2002.

"Thrombophilias and Reproduction". OB/GYN Grand Rounds at University of Florida, Gainesville, Florida. January 10, 2003.

"Diagnosis of repetitive abortion due to Immune causes". Faculty at Mexican Association of Reproductive Medicine". Mexico City, Mexico, January 11, 2003.

"Contemporary Evaluation of Pregnancy Loss" and "Immune Factors and Infertility". Invited Faculty at the Michigan Reproductive Nurses Association. Detroit, Michigan, April 12, 2003.

"Clinical Management of Recurrent Pregnancy Failure". OB/GYN Grand Rounds. Medical College of Virginia. Richmond, Virginia, October, 2, 2003.



"Recurrent Pregnancy Loss - Diagnosis and Treatment". OB/GYN Grand Rounds. The Cleveland Clinic Foundation. Cleveland, Ohio, November 10, 2003.

"Update on Recurrent Pregnancy Loss" and "Antiphospholipid Antibody Syndrome." Postgraduate Course Director at the 51<sup>st</sup> Annual Clinical Meeting of the American College of Obstetrics and Gynecology, New Orleans, Louisiana, May 29-30, 2003.

"Thrombophilias and Reproduction". Postgraduate Course Director. 59th Annual Meeting of the American Society of Reproductive Medicine. San Antonio, Texas, October 11, 2003.

"Immunity and Recurrent Pregnancy Loss" and "Thrombophilic causes of Reproductive Failure". Faculty at Florida Society for Reproductive Endocrinology and Infertility. Kissimmee, Florida, April 17, 2004.

"Causes of Recurrent Pregnancy Loss" and "Thrombophilias." Postgraduate Course Director at the 5<sup>th</sup> Annual Clinical Meeting of the American College of Obstetrics and Gynecology, Philadelphia, PA, May 4-5, 2004.

"Thrombophilias- Do they cause Recurrent Pregnancy Loss". OB/GYN Symposium University of Tennessee, Chattanooga, TN, June 8, 2005.

"Immunological and Thrombophilic Factors in Complicated Pregnancies" OB/GYN Grand Rounds at LeHigh Valley Hospital, Allentown, PA, September 16, 2005.

"The Threshold Theory as Causation for Pregnancy Losses associated with Thrombophilias". Philadelphia Area Reproductive Endocrinologists, Philadelphia, PA. October 12, 2005.

"Recurrent Pregnancy Loss Diagnosis and Treatment". First Annual Obstetrics and Gynecology Conference. Texas Tech University, El Paso, TX, April 7, 2006.

"Thrombophilias". Dallas Area Reproductive Endocrinologists (DARE). Dallas, TX, April 18, 2006.

"Recurrent Pregnancy Loss". Grand Rounds UT Southwestern Department of OB/GYN. Dallas, TX, April 19, 2006.

"Recurrent Spontaneous Abortion- An Evidence Based Approach". Invited Speaker at the 8<sup>th</sup> Annual ART of Donor Oocytes, Charleston, SC, June 11, 2006.

"Treatment of Recurrent Pregnancy Loss" and "Thrombophilias." Postgraduate Course Director at the 55<sup>th</sup> Annual Clinical Meeting of the American College of Obstetrics and Gynecology, San Diego, CA, May 7-8, 2007.



"Thrombophilias and Reproduction". Postgraduate Symposia Faculty. 63rd Annual Meeting of the American Society of Reproductive Medicine. Washington, DC, October 13-14, 2007.

"Thrombophilias and Reproductive Loss" Invited Speaker. Seattle-Tacoma Area Reproductive Endocrinologists. Seattle, WA. February 6, 2008.

"Recurrent Pregnancy Loss Update" and "Thrombophilias and early Pregnancy Loss." Postgraduate Course Director at the 56<sup>th</sup> Annual Clinical Meeting of the American College of Obstetricians and Gynecologists, New Orleans, LA, May 6-7, 2008.

"Thrombophilia and Early Pregnancy Loss". Faculty at the 6<sup>th</sup> Annual Congress of Turkish Obstetricians and Gynecologists Congress. Antalya, Turkey, May 14-19, 2008.

"Thrombophilias and Adverse Obstetrical Outcome" and "Management of Recurrent Pregnancy Loss". Faculty at The Midwest Reproductive Symposium. Chicago, IL, June 6-7, 2008.

"Recurrent Pregnancy Loss, Thrombophilias and the Role of the Reproductive Endocrinologist." Invited speaker for Boston IVF, Beth Israel Deaconess Medical Center, Harvard University, Waltham, MA, December 18, 2008.

"Recurrent Pregnancy Loss Evaluation for the Generalist". Faculty at Arkansas Section of the American College of Obstetrics and Gynecology, Big Cedar Lodge, Branson, MO, June 6-7, 2009.

"New Developments in Infertility". Faculty at American College of Obstetricians and Gynecologists-Tennessee Section, Nashville, TN, February 27, 2010.

"Antiphospholipid Syndrome and Pregnancy Loss". Invited Lecturer at 13<sup>th</sup> International Congress on Antiphospholipid Antibodies, Galveston, TX, April 13-16, 2010.

"Laboratory Evaluation of Pregnancy Loss". Invited Lecture at 12<sup>th</sup> Annual Symposium on Bleeding and Thrombosis. Indianapolis, IN, May 7, 2010.

"Overview of Recurrent Pregnancy Loss", Antiphospholipid Syndrome Diagnosis and Treatment", and Thrombophilias and Recurrent Pregnancy Loss". Course Director and Faculty at 58<sup>th</sup> Annual Meeting of the American College of Obstetricians and Gynecologists. San Francisco, CA, May 15, 2010.

"Autoimmune testing in Reproduction". Clinical Faculty and Debate with Dr. Richard T. Scott. 66th Annual Meeting of the American Society of Reproductive Medicine. Denver, CO., October 23-27, 2010.

"Recurrent Early Pregnancy Loss Controversies", Antiphospholipid Syndrome Diagnosis and Treatment. Course Director and Faculty at 59<sup>th</sup> Annual Meeting of the American College of Obstetricians and Gynecologists. Washington, DC. May 4, 2011.



“Recurrent Pregnancy Loss: Controversies in Care” and “What to do about the Thrombophilias after the 2010 ACOG Practice Bulletin”. Invited Faculty at Midwest Reproductive Symposium. Chicago, IL. June 9-11, 2011.

“Recurrent Pregnancy Loss: Acquired or Inherited Thrombophilias. To Treat or not to Treat, the North American Perspective”. 67<sup>th</sup> Annual Meeting of the American Society of Reproductive Medicine. US Coordinator and Faculty at ASRM/ESHRE Exchange Early Pregnancy Loss Workshop. Orlando, FL. October 15-19, 2011.

“Recurrent Early Pregnancy Loss: New Directions for Diagnosis and Treatment” 49<sup>th</sup> Annual Update in Ob/Gyn Harvard Medical School. Boston, MA. March 22-23, 2012.

“Recurrent Early Pregnancy Loss Controversies”, Antiphospholipid Syndrome Diagnosis and Treatment. Course Director and Faculty at 59<sup>th</sup> Annual Meeting of the American College of Obstetricians and Gynecologists. San Diego, CA. May 5, 2012.

“Non Implantation: Causes, Concern and Remedy , Recurring Pregnancy Loss: Who, What, Why, Where, and When?, Clinical Outcomes of Embryology Markers” Florida Society of REI. The Unsolved Mysteries. 2012 Annual Meeting. Orlando, FL. August 4, 2012.

“Ovarian Reserve Testing, Polycystic Ovaries, Recurrent Pregnancy Loss.” Texas Art Society. 2012 Annual Meeting. September 7, 2012. Austin, TX.

“Predictive Factors that Impact the Success of Early Pregnancy, New Directions in Recurrent Pregnancy Loss”. 5<sup>th</sup> Turkish Society of Reproductive Medicine Congress (TSRM 2012). Izmir, Turkey. September 27-30, 2012.

“Does Recurrent Miscarriage constitute two or three miscarriages?” ESHRE Campus Symposium- Special Interest Group Early Pregnancy meeting on Early Pregnancy Care. Amsterdam, The Netherlands. November 29-30, 2012.

“New Directions in the Evaluation of Recurrent Pregnancy Loss” Harvard Medical School Update in Obstetrics and Gynecology. Boston, MA. March 21, 2013.

“Update in the Evaluation of Recurrent Pregnancy Loss: What should your Doctor Do?” International Conference on Perinatal and Infant Death. Minneapolis, MN. April 20, 2013.

“Recurrent Pregnancy Loss Controversies, Antiphospholipid Syndrome Diagnosis, Congenital and Acquired Uterine Anomalies” Course Director and Faculty at 60<sup>th</sup> Annual Meeting of the American College of Obstetricians and Gynecologists. New Orleans, LA. May 4, 2013.

“Lifestyle Factors Increase the Risk of Recurrent Miscarriage” Special Interest Group Early Pregnancy, European Society of Human Reproduction and Endocrinology. London, UK. July 7, 2013.





FERTILITY  
ASSOCIATES  
of MEMPHIS

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*William H. Kutteh, MD, Ph.D Raymond W. Ke, MD*

*80 Humphreys Center, Suite 307, Memphis, TN 38120*

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