

Department of Obstetrics and Gynecology Academic Progress Report

July 2012 - June 2013

I. Publications

A. Peer Reviewed Manuscripts

1. Afshar Y, **Jeong JW**, Roqueiro D, DeMayo F, Lydon J, Radtke F, Radnor R, Miele L, **Fazleabas A**. (2012). Notch 1 Mediates Cell Fate Decisions in the Mouse Uterus and is Critical for Complete Decidualization. *FASEB J*. 26:282-294. PMID: 21990372
2. Afshar Y, Miele L, **Fazleabas AT**. (2012). Notch 1 is Regulated by Chorionic Gonadotropin and Progesterone in Endometrial Stromal Cells and Modulates Decidualization in Primates. *Endocrinology*. 153 2884-2896. PMID: 22535768
3. Braundmeier A, Jackson K, Hastings J, Koehler J, Nowak R, **Fazleabas A**. (2012). Endometriosis Alters the Peripheral and Endometrial Regulatory T Cell Population in the Non-Human Primate. *Hum Reprod*. 27:1712-1722. PMID: 22442246
4. Geisert R, **Fazleabas A**, Lucy M, Mathew D. (2012). Interactions of the Conceptus and Endometrium to Establish Pregnancy in Mammals: Role of Interleukin 1 Cell and Tissue Research. 349:825-838. PMID: 22382391
5. Harirchian P, Gashaw I, Lipskind ST, Braundmeier AG, Hastings JM, Olson MR, **Fazleabas AT**. (2012). Lesion Kinetics in a Non-Human Primate Model of Endometriosis. *Hum Repro*. 27:2341-2351. PMID: 22674203 (Faculty of 1000 Recommended)
6. Dancet EA, Brännström M, Brasky K, Chai D, Chan AW, Conn PM, Else J, Falconer H, **Fazleabas AT**, Farah IO, Goddeeris BM, Golos TG, Hau J, Hearn JP, Kariuki TM, Kyama CM, Lebovic DI, Mwenda JM, Ndung'u J, Nyachieo A, Parker J, Slayden OD, Stouffer RL, Strauss JF, Taylor HS, Vanderpoel S, Westergaard JG, Zelinski M, D'Hooghe TM. (2012). The Role of Scientists and Clinicians in Raising Public Support for Animal Research in Reproductive Biology and Medicine. Editorial. *Biol Reprod*. 88(2);33. PMID: 23255340
7. Langoi D, Pavone ME, Gurates B, Chai D, **Fazleabas A**, Bulun SE. (2013). Aromatase Inhibitor Treatment may Limit Progression of Peritoneal Endometriosis in Baboons. *Fertil & Steril*. 99:656-662. PMID: 23257603 (Seminal Contribution)
8. Afshar Y, Hastings J, Roqueiro D, **Jeong JW**, Giudice LC, **Fazleabas AT**. (2013). Changes in Eutopic Endometrial Gene Expression during the Development of Experimental Endometriosis in the Baboon. *Biol Reprod*. 88(2):44. 1-9; PMID: 23284138
9. Rogers PA, D'Hooghe TM, **Fazleabas A**, Giudice LC, Montgomery GW, Petraglia F, Taylor RN. (2013). Defining Future Directions for Endometriosis Research: Workshop Report from the 2011 World Congress of Endometriosis in Montpellier, France. *Reprod Sci*. 20(5):483-99. PMID: 23427182
10. Oh SJ, Shin JH, **Kim TH**, Lee HS, Yoo JY, Ahn JY, Broaddus RR, Taketo MM, Lydon JP, **Leach RE**, Lessey BA, **Fazleabas AT**, Lim JM, **Jeong JW**. (2013). β -catenin Signaling Contributes to the Pathogenesis of Adenomyosis through Epithelial-Mesenchymal Transition. *Am J Pathol J*. [Epub ahead of print]. PMID: 23784889

11. Lee CH, **Kim TH**, Lee JH, Oh SJ; Yoo JY, Kwon HS, Ferguson S, Ahn JY, Ku BJ, **Fazleabas AT**, Lim JM, **Jeong JW**. (2013). Extracellular Signal-regulated Kinase 1/2 Signaling Pathway is Required for Endometrial Decidualization in Mice and Human. *PLOS ONE*. In Press
12. Franco HL, Rubel CA, Large MJ, Wetendorf M, Fernandez-Valdivia R, **Jeong JW**, Spencer TE, Behringer RR, Lydon JP, Demayo FJ. (2012). Epithelial progesterone receptor exhibits pleiotropic roles in uterine development and function. *FASEB J*. 26(3):1218-27. PMID: 22155565
13. Jeong W, Lim W, Kim J, Ahn SE, Lee HC, **Jeong JW**, Han JY, Song G, Bazer FW. (2012). Cell-Specific and Temporal Aspects of Gene Expression in the Chicken Oviduct at Different Stages of the Laying Cycle. *Biol Reprod*. 86(6):172. PMID: 22423054
14. Rubel CA, Franco HL, **Jeong JW**, Lydon JP, DeMayo FJ. (2012). GATA2 is expressed at critical times in the mouse uterus during pregnancy. *Gene Expr Patterns*. 12(5-6):196-203. PMID: 22476030
15. Hawkins SM, Andreu-Vieyra CV, **Kim TH**, **Jeong JW**, Hodgson MC, Chen R, Creighton CJ, Lydon JP, Gunaratne PH, DeMayo FJ, Matzuk MM. (2012). Dysregulation of uterine signaling pathways in progesterone receptor-Cre knockout of Dicer. *Molecular Endocrinology*. 26(9):1552-66. PMID: 22798293
16. Ku BJ, **Kim TH**, Lee JH, Buras ED, White LD, Stevens RD, Ilkayeva OR, Bain JR, Newgard CB, DeMayo FJ, **Jeong JW**. (2012). *Mig-6* plays a critical role in the regulation of cholesterol homeostasis and bile acid synthesis. *PLoS ONE*. 7(8):e42915. PMID: 22912762
17. Darlington Y, **Jeong JW**, Lee KY, Franco HL, Chen ES, McOwiti A, Mistretta TA, Steffen D, Becnel L, DeMayo FJ. (2013). Research Resource: The Endometrium Database Resource (EDR). *Molecular Endocrinology*. 27(3):548-54. PMID: 23340253
18. Lee JH, **Kim TH**, Oh SJ, Yoo JY, Akira S, Ku BJ, Lydon JP, **Jeong JW**. (2013). *Stat3* is critical for implantation and decidualization via progesterone receptor in uterus. *FASEB J*. 27(7):2553-63. PMID: 23531596
19. Lee ST, Gong SP, Yum KE, Lee EJ, Lee CH, Choi JH, Kim DY, Han H, Kim KS, Hysolli E, Ahn JY, Park IH, Han JY, **Jeong JW**, Lim JM. (2013). Transformation of somatic cells into stem 1 cell-like cells under a stromal niche *FASEB J*; 27(7):2644-56; PMID: 23580613
20. Shepard JB, Jeong JW, Maihle NJ, O'Brien S, Dealy CN. (2013). Transient anabolic effects accompany epidermal growth factor receptor signal activation in articular cartilage in vivo. *Arthritis Research & Therapy*. 15(3):R60. PMID: 23705804
21. **Kim TH**, Lee DK, Cho SN, Orvis GD, Behringer RR, Lydon J, Ku BJ, McCampbell AS, Broaddus RR, **Jeong JW**. (2013). Epithelial *Mig-6* is critical for a tumor suppressor function in endometrial cancer. *Cancer Res*. 73(16):5090-5099. PMID: 23811943
22. Slaughter J, Wei C, Korzeniewski SJ, Lu Q, Beck JS, Khoo SK, Brovont A, **Maurer J**, **Martin D**, Lenski M, Paneth N. (2013) High correlations in gene expression between paired umbilical cord blood and neonatal blood of healthy newborns on Guthrie cards. *J Matern Fetal Neonatal Med*. [Epub ahead of print]. PMID: 23668672

23. Allard JE, Chandramouli GV, Stagliano K, Hood BL, Litzi T, **Shoji Y**, Boyd J, Berchuck A, Conrads TP, Maxwell GL, **Risinger JI**. (2012) PSPHL as a candidate gene influencing racial disparities in endometrial cancer. *Front. Oncol.* 2:65. PMID: 22783543
24. Aprelikova O, Palla J, Hibler B, Yu X, Greer YE, Yi M, Stephens R, Maxwell GL, Jazaeri A, **Risinger JI**, Rubin JS, Niederhuber J. (2012) Silencing of miR-148a in Cancer-Associated Fibroblasts Results in WNT10B-Mediated Stimulation of Tumor Cell Motility. *Oncogene.* 32(27):3246-53. PMID: 22890324
25. **Risinger JI**, Custer M, Feigenbaum L, Simpson RM, Hoover SB, Webster JD, Chandramouli GV, Tessarollo L, Barrett JC. (2013) Normal viability of Kai1/Cd82 deficient mice. *Mol Carcinog.* [Epub ahead of print]. PMID: 23401136
26. Maxwell GL, Allard J, Gadisetti CV, Litzi T, Casablanca Y, Chandran U, Darcy KM, Levine DA, Berchuck A, Hamilton CA, Conrads TP, **Risinger JI**. (2013) Transcript expression in endometrial cancers from Black and White patients. *Gynecol Oncol.* 130(1):169-73. PMID: 23603370
27. Davis BJ, **Risinger JI**, Chandramouli GV, Bushel PR, Baird DD, Peddada SD. (2013) Gene Expression in Uterine Leiomyoma from Tumors Likely to be Growing (from black women over 35) and Tumors Likely to be Non-Growing (from white women over 35). *PLoS One.* 8(6):e63909. PMID: 23785396
28. Le J, Wilson, HM, Mao J, Shehu A, **Devi YS**, Halperin J, Aguilar T, Seibold A, Maizels E, Gibori G. (2012) Generation of mice expressing only the long form of the prolactin receptor reveals that both isoforms of the receptor are required for normal ovarian function. *Biol Reprod.* 86(3):86. PMID: 22190699
29. Anantamongkol U, Ao M, Sarathy Nee Venkatasubramanian J, **Devi YS**, Krishnamra N, Rao MC (2012) Prolactin and dexamethasone regulate second messenger-stimulated Cl- secretion in mammary epithelia. *J Signal Transduction.* 2012:192142:15. PMID: 22888420
30. **Devi YS**, Julia Halperin. (2013) Reproductive actions of prolactin mediated through short and long receptor isoforms. *Mol Cell Endo.* In press
31. Ghareeb GM, Grabemeyer H, Dietrich E, **Heisler CA**. (2013) Subpubic cartilaginous cyst presenting as acute urinary retention: a report and review of the literature. *Female Pelvic Med Reconstr Surg.* 19(1):58-60. PMID: 23321663
32. **Heisler CA**, Casiano ER, Klingele CJ, Gebhart JB, Trabuco EC. (2012) Ureteral injury during vaginal mesh excision: role of prevention and treatment options. *Am J Obstet Gynecol.* 207(6):e3-4. PMID: 22999155
33. **Risinger JI**, Allard J, Chandran U, Day R, Chandramouli GV, Miller C, Zahn C, Oliver J, Litzi T, Marcus C, Dubil E, Byrd K, Cassablanca Y, Becich M, Berchuck A, Darcy KM, Hamilton CA, Conrads TP, Maxwell GL. (2013) Gene expression analysis of early stage endometrial cancers reveals unique transcripts associated with grade and histology but not depth of invasion. *Front Oncol.* 3:139. PMID: 23785665
34. Tanaka Y, Park JH, Tanwar PS, Kaneko-Tarui T, Mittal S, Lee HJ, **Teixeira JM**. (2012) Deletion of Tuberous Sclerosis 1 in somatic cells of the murine reproductive tract causes female infertility. *Endocrinology.* 153(1):404-16. PMID: 22128018

35. Meirelles K, Benedict LA, Dombkowski D, Pepin D, Preffer FI, **Teixeira JM**, Tanwar PS, Young RH, MacLaughlin DT, Donahoe PK, Wei X. (2012) Human ovarian cancer stem/progenitor cells are stimulated by doxorubicin but inhibited by Mullerian Inhibiting Substance. *Proc Natl Acad Sci USA*. 109(7):2358-63. PMID: 22308459
36. Tanwar PS, Kaneko-Tarui T, Zhang L, Tanaka Y, Crum CP, **Teixeira JM**. (2012) Stromal Liver Kinase B1 [STK11] Signaling Loss Induces Oviductal Adenomas and Endometrial Cancer by Activating Mammalian Target of Rapamycin Complex 1. *PLoS Genet*. 8:e1002906. PMID: 22916036
37. Tanwar PS, Kaneko-Tarui T, Zhang LH, **Teixeira JM**. (2012) Altered LKB1/AMPK/TSC1/TSC2/mTOR signaling causes disruption of Sertoli cell polarity and spermatogenesis. *Hum Mol Genet*. 21(20):4394-405. PMID: 22791749
38. Tanwar PS, Commandeur AE, Zhang LH, Taketo MM, **Teixeira JM**. (2012) The Müllerian Inhibiting Substance type 2 receptor suppresses tumorigenesis in testes with sustained β -catenin signaling. *Carcinogenesis*. 33(12):2351-61. PMID: 22962306
39. Zhang L, Patterson A, Zhang LH, **Teixeira JM**, Pru JK. (2012) Endometrial stroma betacatenin is required for steroid-dependent mesenchymal-epithelial crosstalk and decidualization. *Reprod Biol Endocrinol*. 10:75. PMID: 22958837
40. Patterson AL, Zhang L, Arango NA, **Teixeira JM**, Pru JK. (2013) Mesenchymal-to-Epithelial Transition Contributes to Endometrial Regeneration Following Natural and Artificial Decidualization. *Stem Cells Dev*. 22(6):964-74. PMID: 23216285
41. Tanwar PS, Kaneko-Tarui T, Lee HJ, Zhang LH, **Teixeira JM**. (2013) PTEN loss and HOXA10 expression are associated with ovarian endometrioid adenocarcinoma differentiation and progression. *Carcinogenesis*. 34(4):893-901. PMID: 23276799
42. **Leach RE**, Jessmon P, Coutifaris C, Kruger M, Myers ER, Ali-Fehmi R, Carson SA, Legro RS, Schlaff WD, Carr BR, Steinkampf MP, Silva S, Leppert PC, Giudice L, Diamond MP, Armant DR; **Reproductive Medicine Network**. (2012) High throughput, cell type-specific analysis of key proteins in human endometrial biopsies of women from fertile and infertile couples. *Hum Reprod*. 27(3):814-28. PMID: 22215622
43. Roth LW, Huang H, Legro RS, Diamond MP, Coutifaris C, Carson SA, Steinkampf MP, Carr BR, McGovern PG, Cataldo NA, Gosman GG, Nestler JE, Myers ER, Zhang H, Schlaff WD; **Reproductive Medicine Network**. (2012) Altering hirsutism through ovulation induction in women with polycystic ovary syndrome. *Obstet Gynecol*. 119(6):1151-6. PMID: 22617579
44. **Luke B**, Brown MB, Wantman E, Lederman A, Gibbons W, Schattman GL, Lobo RA, **Leach RE**, Stern JE. (2012) Cumulative birth rates with linked assisted reproductive technology cycles. *N Engl J Med*. 366(26):2483-91. PMID: 22738098
45. **Chen Y**, **Wang K**, Qian CN, **Leach R**. (2013) DNA methylation is associated with transcription of Snail and Slug genes. *Biochem Biophys Res Commun*. 430(3):1083-90. PMID: 23261445
46. **Chen Y**, **Wang K**, **Leach R**. (2013) 5-aza-dC treatment induces mesenchymal-to-epithelial transition in 1st trimester trophoblast cell line HTR8/SVneo. *Biochem Biophys Res Commun*. 432(1):116-22. PMID: 23376068

47. **Chen Y, Wang K**, Gong YG, Khoo SK, **Leach R**. (2013) Role of CDX2 and EOMES in induced human trophoblast progenitor cells. *Biochem Biophys Res Commun*. 431(2):197-202. PMID: 23313847
48. **Chen Y**, Miyazaki J, Nishizawa H, Kurahashi H, **Leach R, Wang K**. (2013) MTA3 regulates CGB5 and Snail genes in trophoblast. *Biochem Biophys Res Commun*. 433(4):379-84. PMID: 23510993
49. **Chen Y, Wang K**, Chandramouli GV, Knott JG, **Leach R**. (2013) Trophoblast lineage cells derived from human induced pluripotent stem cells. *Biochemical and Biophysical Research Communications*. 436:677-684. PMID: 23774580
50. Tyler CP, Grady SC, Griogorescu V, **Luke B**, Todem D, Paneth N. (2012) Impact of fetal death reporting requirements on early neonatal and fetal mortality rates and racial disparities. *Public Health Rep*;127(5):507-15. PMID: 22942468
51. **Roman LA**, Raffo JE, **Meghea CI**. (2012) Maternal perceptions of help from home visiting by nurse-community health worker teams. *Am J Public Health*. 102(4):643-5. PMID: 22397344
52. **Meghea CI**, Raffo JE, Zhu Q, **Roman LA**. Medicaid Home Visitation and Maternal and Infant Healthcare Utilization. *American Journal of Preventive Medicine*. 45(4). Early Release. www.ajpmonline.org
53. Raffo JE, Gary M, Forde G, **Meghea CI, Roman LA**. (2013) Physician awareness of enhanced prenatal services for Medicaid-Insured pregnant women. *J Public Health Manag Pract*. [Epub ahead of print]. PMID: 23676477
54. **Meghea CI**, Raffo JE, VanderMeulen P, **Roman LA**. (2013) Moving towards evidence-based federal Healthy Start evaluations: Accounting for Bias in Birth Outcome Studies. *American Journal of Public Health* 2013. In press
55. **Williams KP, Roman LA, Meghea CI**, Penner, L, **Hammad A**, Gardiner, J. (2013) Kin KeeperSM: Design and baseline characteristics of a community-based randomized trial promoting cancer screening in Black, Latina and Arab women. *Contemp Clin Trials*. 34(2):312-9. PMID: 23274402
56. **Meghea CI**, Li B, Zhu Q, Raffo JE, Lindsay JK, Moore JS, **Roman LA**. (2013) Infant health effects of a nurse-community health worker home visitation program: a randomized controlled trial. *Child Care Health Dev*. 39(1):27-35. PMID: 22372918
57. **Meghea CI**, Rus D, Rus IA, Holtrop Summers J, **Roman LA**. (2012) Smoking During Pregnancy And Associated Risk Factors In A Sample Of Romanian Women. *European Journal of Public Health*. 22(2):229-33. PMID: 21159726
58. **Meghea CI**, Rus IA, Rus D. (2012) Risk Factors Associated With Nicotine Dependence In A Sample Of Romanian Pregnant Smokers. *European Journal of Obstetrics and Gynecology*. 163(1):22-6. PMID: 22537737
59. Zambrana R, **Meghea CI**, Talley C, **Hammad A**, Lockett M, **Williams KP**. (2013) Association between Family Communication and Cancer Health Literacy among Underserved Racial Ethnic Women. *Journal of General Internal Medicine*. In Press

60. **Ford S, Meghea C**, Estes T, Hamade H, Lockett M, **Williams KP**. (2013), Assessing the fidelity of the Kin KeeperSM Prevention Intervention in African American, Latina, and Arab Women. Health Education Research. In Press
61. **Williams KP**. (2012) The Devil is in the Details: Community Based Participatory Research. J Cancer Educ. 27(1):3-4. PMID: 22322865
62. **Williams KP**, Templin TN, Hines RD. (2013) Answering the Call: A Functional Health Literacy Tool for Breast Cancer. J Health Commun. [Epub ahead of print]. PMID: 23905580
63. Ndukwe EG, **Williams KP**, Sheppard V. (2013) Knowledge and Perspectives of Breast and Cervical Cancer Screening Among Female African Immigrants in the Washington D.C. Metropolitan Area. J Cancer Educ. [Epub ahead of print]. PMID: 23900622
64. Gauss JW, Mabiso A, **Williams KP**. (2013) Pap screening goals and perceptions of pain among black, Latina, and Arab women: steps toward breaking down psychological barriers. J Cancer Educ. 28(2):367-74. PMID: 23288606
65. **Romero VC**, Somers EC, Stolberg V, Clinton C, Chensue S, Djuric Z, Berman DR, Treadwell MC, Vahratian AM, Mozurkewich E. (2013) Developmental programming for allergy: a secondary analysis of the Mothers, Omega-3, and Mental Health Study. Am J Obstet Gynecol. 208(4):316.e1-6. PMID: 23531329
66. Mozurkewich EL, Clinton CM, Chilimigras JL, Hamilton SE, Allbaugh LJ, Berman DR, Marcus SM, **Romero VC**, Treadwell MC, Keeton KL, Vahratian AM, Schrader RM, Ren J, Djuric Z. (2013) The Mothers, Omega-3, and Mental Health Study: a double-blind, randomized controlled trial. Am J Obstet Gynecol. 208(4):313.e1-9. PMID: 23531328
67. Pinter SZ, Rubin JM, Kripfgans OD, Treadwell MC, **Romero VC**, Richards MS, Zhang M, Hall AL, Fowlkes JB. (2012) Three-dimensional sonographic measurement of blood volume flow in the umbilical cord. J Ultrasound Med. 31(12):1927-34. PMID: 23197545
68. Marder W, Ganser MA, **Romero V**, Hyzy MA, Gordon C, McCune WJ, Somers EC. (2013) In utero azathioprine exposure and increased utilization of special educational services in children born to mothers with systemic lupus erythematosus. Arthritis Care R (Hoboken). 65(5):759-66. PMC3572294
69. Baldwin LA, Huang B, Miller RW, Tucker T, Goodrich ST, Podzielinski I, DeSimone CP, Ueland FR, van Nagell JR, **Seamon LG**. (2012) Ten-year relative survival for epithelial ovarian cancer. Obstet Gynecol. 120(3):612-8. PMID: 22914471
70. Fader AN, **Seamon LG**, Escobar PF, Frasure HE, Havrilesky LA, Zanotti KM, Secord AA, Boggess JF, Cohn DE, Fowler JM, Skafianos G, Rossi E, Gehrig PA. (2012) Minimally invasive surgery versus laparotomy in women with high grade endometrial cancer: a multi-site study performed at high volume cancer centers. Gynecol Oncol. 126(2):180-5. PMID: 22555102
71. Quick AM, **Seamon LG**, Abdel-Rasoul M, Salani R, Martin D. (2012) Sexual function after intracavitary vaginal brachytherapy for early-stage endometrial carcinoma. Int J Gynecol Cancer. 22(4):703-8. PMID: 22398710
72. **Seamon LG**, Richardson DL, Copeland LJ. Evolution of the Gynecologic Oncology Group protocols in the treatment of epithelial ovarian cancer. Clin Obstet Gynecol. 55(1):131-55. PMID: 22343234

73. Podzielinski I, Randall ME, Breheny PJ, Escobar PF, Cohn DE, Quick AM, Chino JP, Lopez-Acevedo M, Seitz JL, Zook JE, **Seamon LG**. (2012) Primary radiation therapy for medically inoperable patients with clinical stage I and II endometrial carcinoma. *Gynecol Oncol.* 124(1):36-41. PMID: 22015042
74. Mavis BE, Wagner DP, Henry RC Carravalla L, Gold J, **Maurer J**, Mohmand A, Osuch J, Roskos S, Saxe A, Sousa A, Prins VW. (2013) Documenting clinical performance problems among medical students: feedback for learner remediation and curriculum enhancement. *Med Educ Online.* 18:20598. PMID: 23880149
75. Warda H, Mamik MM, **Ashraf M, Abuzeid MI**. (2013) Laparoscopic Cornuostomy for a Large Interstitial Ectopic Pregnancy. *J Minim Invasive Gynecol.* S1553-4650(13)00141-6. PMID:23618587
76. **Abuzeid MI**, Mitwally M, Abuzeid YM, Bokhari HA, **Ashraf M**, Diamond MP. (2012) Early initiation of gonadotropin-releasing hormone antagonist in polycystic ovarian syndrome patients undergoing assisted reproduction: randomized controlled trial ISRCTN69937179. *J Assist Reprod Genet.* (11):1193-202. PMID:22960769

B. Book Chapters

1. **Fazleabas AT**. (2012) Models of Endometriosis: Animal Models II – Non Human Primates. In: *Endometriosis: Science and Practice* (Linda Giudice, Hans Evers and David Healy Eds.), Chapter 27; pp 285-291

C. Abstracts and Presentations

1. **Tae Hoon Kim**, Hong Im Kim, Michael J. Large, Russell R. Broaddus, John P. Lydon, **Jae-Wook Jeong**. (2012) Overexpression of Mig-6 suppresses endometrial cancer development and progression in ablation of Pten mice. American Association for Cancer Research (AACR) Annual Meeting. Chicago, IL
2. Jung-Yoon Yoo, **Tae Hoon Kim**, Ho-Geun Yoon, and **Jae-Wook Jeong**. (2012) *ErbB2* is a Critical Target of *Mig-6* in Pregnancy and Endometrial Cancer Development. The 3rd Annual Michigan Alliance for Reproductive Technologies and Science (MARTS) Research Symposium, Detroit, MI
3. Jae Hee Lee, Tae Hoon Kim, Shizuo Akira, John P. Lydon, and **Jae-Wook Jeong**. (2012) Signal transducer and activator of transcription-3 is critical for uterine implantation and decidualization. The 3rd Annual Michigan Alliance for Reproductive Technologies and Science (MARTS) Research Symposium, Detroit, MI (**Oral presentation**)
4. Seo Jin Oh, Jung-Ho Shin, **Tae Hoon Kim**, Russell R. Broaddus, Makoto M. Taketo, John P. Lydon, Richard Leach, Bruce A. Lessey, **Asgi T. Fazleabas**, Jeong Mook Lim, and **Jae-Wook Jeong**. (2012) WNT/ β -catenin signaling contributes to pathogenesis of adenomyosis through epithelial-mesenchymal transition. The 3rd annual scientific meeting from Michigan Alliance of Reproductive Science and Technology (MARTS), Detroit, MI (**Best Oral Presentation Award**)
5. Jae Hee Lee, **Tae Hoon Kim**, Shizuo Akira, John P. Lydon, and **Jae-Wook Jeong**. (2012) Signal transducer and activator of transcription-3 is critical for uterine implantation and decidualization. The Meeting of Society for the Study of Reproduction. State College, PA (**Larry Ewing Memorial Trainee Travel Fund (LEMTTF) Travel Award**)
6. Jae Hee Lee, **Tae Hoon Kim**, Seo Jin Oh, Jung-Yoon Yoo, Shizuo Akira, CheMyong Ko, Bon Jeong Ku, John P. Lydon, and **Jae-Wook Jeong**. (2012) *Stat3* plays a critical role for implantation and decidualization via progesterone receptor in uterus. 4th Illinois Symposium on Reproductive Science (ISRS) Chicago, IL (**Oral presentation**)

7. **Tae Hoon Kim**, Hong Im Kim, Michael J. Large, Russell R. Broaddus, John P. Lydon, and **Jae-Wook Jeong**. (2012) The effects of overexpression of *Mig-6* on endometrial cancer development and progression in conditional uterine ablation of Pten mice. 4th Illinois Symposium on Reproductive Science (ISRS), Chicago, IL
8. Yalda Afshar, Julie Hastings, Damian Roqueiro, **Jae-Wook Jeong**, Linda Giudice, and **Asgerally T. Fazleabas**. (2012) Changes in eutopic endometrial gene expression during the development of experimental endometriosis in the baboon. American Society for Reproductive Medicine (ASRM) Annual Meeting, San Diego, CA
9. Bruce A Lessey, Jung-Yoon Yoo, **Jae-Wook Jeong**, Sarah Gill, Lingwen Yuan, Steven L Young, **Asgerally T. Fazleabas**. (2013) Suppressor of Cytokine Signaling (SOCS) Expression in Normal and Abnormal Endometrium. Society for Gynecologic Investigation (SGI) 60th Annual Scientific Meeting, Orlando, FL
10. John B. Shepard, **Jae-Wook Jeong**, Nita J. Maihle and Caroline Dealy. (2013) EGFR Signal Activation Stimulates Anabolic Activity in Articular Cartilage in vivo. StemCONN, New Haven, CT
11. M. Pest, **JW. Jeong**, F. Beier. (2013) Development of osteoarthritis and disruption of knee joint morphology in a cartilage specific Mig-6 deletion mouse. 2013 World Congress on Osteoarthritis, Philadelphia, PA
12. Jung-Yoon Yoo, **Tae Hoon Kim**, Jae Hee Lee, Seo Jin Oh, Ho-Geun Yoon, and **Jae-Wook Jeong**. (2013) Hdac3 Is Critical for Uterine Implantation in Mice. The 4th annual scientific meeting from Michigan Alliance of Reproductive Science and Technology (MARTS), Ann Arbor, MI
13. **Tae Hoon Kim**, Sharra A. Poncil, Migyeong Heo, Zhong Wang, John P. Lydon and **Jae-Wook Jeong**. (2013) Function of Arid1a on implantation and decidualization. The 4th annual scientific meeting from Michigan Alliance of Reproductive Science and Technology (MARTS), Ann Arbor, MI
14. **Tae Hoon Kim**, Seo Jin Oh, Jung-Yoon Yoo, Russell R. Broaddus, Makoto M. Taketo, John P. Lydon, **Richard E. Leach**, Bruce A. Lessey, **Asgerally T. Fazleabas**, Jeong Mook Lim, and **Jae-Wook Jeong**. (2013) β -catenin activation plays a critical role in adenomyosis development. NIH SCCPIR Research Meeting, Bethesda, MD
15. Xilong Li, Rainer Lanz, **Jae-Wook Jeong**, Steven Young, Bruce Lessey, Sophia Tsai and Francesco J. DeMayo. (2013) COUP-TFII regulates human endometrial stroma genes involved in inflammation. NIH SCCPIR Research Meeting, Bethesda, MD
16. Bruce A. Lessey, Steven L. Young, Jung Yoon Yoo, **Jae-Wook Jeong**, **Asgerally T. Fazleabas** and Chandrakant Tayade (2013) Altered inflammatory and angiogenic responses of decidualized endometrial stroma from women with endometriosis. The 4th Nordic Congress on Endometriosis, Turku, Finland
17. Renwei Su, Susan Ferguson, Sharra Poncil, **Jae-Wook Jeong**, and **Asgerally T. Fazleabas**. (2013) *Notch1* plays critical role during decidualization. Society for the Study of Reproduction (SSR) Annual Meeting, Montréal, Québec, Canada (**Oral presentation**)
18. Chae Hyun Lee, **Tae Hoon Kim**, Jae Hee Lee, Seo Jin Oh, Jung-Yoon Yoo, Susan D. Ferguson, Bon Jeong Ku, **Asgerally T. Fazleabas**, Jeong M Lim, **Jae-Wook Jeong**. (2013) Extracellular signal-regulated kinase 1/2 (ERK1/2) is required for endometrial decidualization in mice and human. Society for the Study of Reproduction (SSR) Annual Meeting, Montréal, Québec, Canada

19. Seo Jin Oh, Jung-Ho Shin, **Tae Hoon Kim**, Hee Sun Lee, Jung-Yoon Yoo, Russell R. Broaddus, Makoto M. Taketo, John P. Lydon, **Richard E. Leach**, Bruce A. Lessey, **Asgerally T. Fazleabas**, Jeong Mook Lim, **Jae-Wook Jeong**. (2013) Beta-catenin activation contributes to pathogenesis of adenomyosis through epithelial-mesenchymal transition. Society for the Study of Reproduction (SSR) Annual Meeting, Montréal, Québec, Canada (**Oral presentation**)
20. Jae Hee Lee, **Tae Hoon Kim**, Seo Jin Oh, Jung-Yoon Yoo, Shizuo Akira, Bon Jeong Ku, John P. Lydon, **Jae-Wook Jeong**. (2013) Signal transducer and activator of transcription-3 (*Stat3*) plays a critical role in implantation via progesterone receptor in uterus. Society for the Study of Reproduction (SSR) Annual Meeting, Montréal, Québec, Canada (**Oral presentation**)
21. **Tae Hoon Kim**, Sharra A Poncil, Migyeong Heo, Zhong Wang, John P Lydon, **Jae-Wook Jeong**. (2013) Function of *Arid1a* on implantation and decidualization. Society for the Study of Reproduction (SSR) Annual Meeting, Montréal, Québec, Canada (**Oral presentation**)
22. Bruce A. Lessey, Steven L. Young, C. Tayade, Jung Yoon Yoo, **Jae-Wook Jeong**, and **Asperally T. Fazleabas**. (2013) Inflammatory and angiogenic responses altered in decidualized endometrial stroma from women with endometriosis. ASRM Annual Meeting, Boston, MA (**Oral presentation**)
23. Joshi N., Su R., B. Lessey and **A.T. Fazleabas**. (2012) Decreased Expression of miR – 451 Alters YWHAZ (14. 3.3ζ) in the Eutopic (EUE) and Ectopic Endometrium (EcE) in a Baboon Model of Endometriosis. (Abstract # O-008). *Reprod Sci* 19 (Supp 3): 75A
24. **A.T. Fazleabas**, Ferguson S., Warren M. (2012) β-Fibronogen as a Diagnostic Marker in Uterine Flushings (UF) of Baboons with Endometriosis. (Abstract # T-055). *Reprod Sci* 19 (Supp 3) 139A
25. **A.T. Fazleabas**, Joshi N., Gadisetti M., Chen J., Ho S., and Lessey B (2012). Epigenetic Modifications in the Eutopic Endometrium (EUE) of Women with Endometriosis and Infertility. (Abstract # T-056). *Reprod Sci* 19 (Supp 3) 139A
26. **Y. Sangeeta Devi**, Chowdhary A., Ferguson S., Joshi N., Olson M., Shehu A., Gibori G and **Fazleabas A.T.** (2012) 17 Beta Hydroxysteroid Dehydrogenase Type 7, a Key Enzyme in Estradiol Biosynthesis, is Highly Expressed in Cell Specific Manner in Endometriosis . The Endocrine Society's 94th Annual Meeting, Houston, TX, USA
27. N. Joshi, Su Ren-Wei, Poncil S. and **Fazleabas A.T.** (2012). Downregulation of MicroRNA-451 Contributes to the Pathophysiology of Endometriosis in both Women and Baboons. (Abstract #323). Presented at the 45th Annual Meeting of the Society for the Study of Reproduction, State College, PA, 2012 (**AWARDED SECOND PRIZE FOR THE BEST TRAINEE POSTER PRESENTATION**)
28. C. Baumann, Olson M., **Fazleabas A.T.** and De La Fuentes, R. (2012) Arginine Methyl Transferases Mediate an Epigenetic Ovarian Response to Endometriosis (Abstract #278). Presented at the 45th Annual Meeting of the Society for the Study of Reproduction, State College, PA
29. Afshar Y., J. Hastings, D. Roqueiro, **JW Jeong**, L. Giudice, and **A.T. Fazleabas**. (2012) Changes in Eutopic Endometrial Gene Expression during the Development of Experimental Endometriosis in the Baboon. (Abstract #P-351) *Fertil & Steril.* 98: Supplement 3, S216
30. Hey Cunningham A.J., **A.T. Fazleabas**, A. G. Braundmeier, R. Markham, I.S. Fraser, M. Berbic. (2012) Immune Cell Mapping in the Baboon Endometriosis Model (Poster #38). *J. Endometriosis* 4: 160

31. **Y Sangeeta Devi**, S. Ferguson, **A.T. Fazleabas**, J. DeKuiper. (2013) Inhibition of IL-6 by Curcumin in Uterine Decidual Cells. (Abstract #T-027). Reprod Sci 20 (Supp 3) 121A
32. **J.I. Risinger**, A. Alkas, B.L. Hood, B. Liu, R. Challa, **Y. Shoji**, G. Wang, G.V.R. Chandramouli, **A.T. Fazleabas**, S. Ferguson, C. Zahn, G L Maxwell, T.P. Conrads. (2013) Unbiased Mass Spectrometry Based Identification of Proteins of the Uterine Epithelium and Stroma Discriminates between the Proliferative and Secretory Phases of the Menstrual Cycle. (Abstract #F-123). Reprod Sci 20 (Supp 3) 228A
33. A.J. Hey-Cunningham, **A.T. Fazleabas**, A.G. Braundmeier, R. Markham, I.S. Fraser, M. Berbic. (2013) Endometrial and Endometriotic Lesion Immune Cell Populations in a Baboon Model of Endometriosis. (Abstract # T-105). Reprod Sci 20 (Supp 3) 145A
34. B.A. Lessey, J.Yoo, J. Jeong, S. Gill, L. Yuan, S.L. Young, **A.T. Fazleabas**. (2013) Suppressor of Cytokine Signaling (SOCS) Expression in Normal and Abnormal Endometrium. (Abstract #T-113) Reprod Sci 20 (Supp 3) 147A
35. C.H. Lee, **T.H. Kim**, J.H. Lee, S.J. Oh, J.Y. Yoo, S.D. Ferguson, B.J. Ku, **A.T. Fazleabas**, J.M. Lim, **J.W. Jeong**. (2013) Extracellular signal-regulated kinase1/2 (ERK1/2) is required for endometrial decidualization in mice and human. (Abstract #479). Presented at the 46th Annual Meeting of the Society for the Study of Reproduction (SSR), Montreal, Canada. July 2013
36. S.J. Oh, J.H. Shin, **T.H. Kim**, H.S. Lee, J.Y. Yoo, R.R. Braoddu, M.M. Taketo, J.P. Lydon, **R.E. Leach**, B.A. Lessey, **A.T. Fazleabas**, J.M. Lim, **J.W. Jeong**. (2013) Beta-catenin activation contributes to pathogenesis of adenomyosis through epithelial-mesenchymal transition. (Abstract #223)
37. Pang-ning Teng Nicole P. Chappell Brian L. Hood, Tracy Litzi, Kelly A. Conrads Chandramouli Gadisetti, Kathleen M. Darcy, Chad A. Hamilton, **John I. Risinger**, G. Larry Maxwell, Thomas P. Conrads. (2012) Integrated Molecular Analysis of Cisplatin Resistance in Ovarian Cancer. 60th Annual Conference American Society of Mass Spectrometry February, 2, 2012
38. Barbara J Davis, **John I Risinger**, Gadisetti VR Chandramouli, Pierre Bushel, Donna Day Baird, Shyamal Peddada. (2012) Uterine Leiomyoma Growth Modeled through Molecular Networks. Society of Gynecologic Investigation Annual Meeting. Thursday, March 22, 2012 10:00 AM, San Diego, California
39. Kevin Byrd, G Larry Maxwell, Thomas P Conrads, **John Risinger**, Christopher Zahn, Chad Hamilton, Chungqiao Tian, Kunle Odunsi, Wiam Bshara, Carl Morrison, Angela Omilian, Kathleen M Darcy. (2013) Loss of ARID1A protein expression is associated with improved prognostic features in ovarian carcinoma. SGO Annual Meeting 2013
40. **John I. Risinger**, Addie Alkas, Brian L. Hood, Baoquan Liu, Rusheeswar Challa, **Yutaka Shoji**, Guisong Wang, Gadisetti V.R. Chandramouli, **Asgerally Fazleabas**, Susan Ferguson, Christopher Zahn, G. Larry Maxwell, Thomas P. Conrads. (2013) Unbiased Mass Spectrometry Based Identification of Proteins of the Uterine Epithelium and Stroma Discriminates between the Proliferative and Secretory Phases of the Menstrual Cycle 2013 SGI Annual Meeting, March 21-22. Orlando, FL
41. G. Larry Maxwell, Gadisetti V.R. Chandramouli, Tracy Litzi, Andrew Berchuck, Thomas P. Conrads, **John I. Risinger**. (2013) Analysis of micro RNAs in the racial disparity of endometrial cancer 2013 AACR Annual Meeting, Washington, DC
42. Lisa A. Vasicek, Kelly A. Conrads, **Yutaka Shoji**, Brian L. Hood, Amol Prakash, Scott Peterman, Joel Louette, Chad A. Hamilton, G. Larry Maxwell, **John I. Risinger**, Thomas P. Conrads. (2013) Development and Application of a Comprehensive Isotope-labeled Peptide Library to Quantify the Twelve Signal Transduction Pathways of Carcinogenesis. 2013 ASMS, June 9-13. Minneapolis, MN

43. Peng LX, **Wang K**, Chen ZY, Chen S, Su RW, Qian CN. (2013) Demethylation of SRGN promoter region might promote cellular motility in nasopharyngeal carcinoma. American Association for Cancer Research (AACR) 2013
44. **Chen Y**, Miyazaki J, Nishizawa H, Kurahashi H, **Leach R**, **Wang K**. (2013) Role of MTA3 in Trophoblast Invasion and Fusion. Society for Gynecologic Investigation (SGI) Annual Meeting, March 21-22, 2013 Orlando, FL (**Oral presentations**)
45. **Chen Y**, **Wang K**, **Leach R**. (2013) Role of SLC35C2 in embryo development and reproductive system. Society for Gynecologic Investigation (SGI) Annual Meeting, March 21-22, 2013 Orlando, FL
46. **Chen Y**, **Wang K**, **Leach R**. (2012) AZA treatment induces mesenchymal-epithelial transition in HTR8/SVneo cells. Society for the Study of Reproduction (SSR) Annual Meeting 2012
47. **Chen Y**, **Wang K**, Chao-Nan Qian, **R. Leach**. (2012) Snail and Slug are epigenetically regulated by DNA methylation during the epithelial to mesenchymal transition. Society for Gynecologic Investigation (SGI) Annual Meeting 2012
48. **Luke B**, Brown MB, Wantman E, Stern JE. (2012) Using linked cycles to evaluate factors associated with monozygosity in assisted reproductive technology (ART) pregnancies and the risk of recurrence. American Society for Reproductive Medicine, San Diego, California, October 20-24, 2012
49. **Luke B**, Brown MB, Grainger DA, Klein N, Cedars MI, Stern JE. (2012) The effect of multiple fetal heartbeats in early pregnancy on assisted reproductive technology (ART) singleton pregnancy outcomes. American Society for Reproductive Medicine, San Diego, California, October 20-24, 2012
50. Baker VL, Brown MB, **Luke B**, Conrad KP. (2012) Association between multiple corpus luteum and birthweight in In Vitro Fertilization (IVF) pregnancies. American Society for Reproductive Medicine, San Diego, California, October 20-24, 2012
51. **Luke B**, Cabral H, Cohen B, Hoang L, Plummer K, Kotelchuck M. (2012) Comparison of measures in SART database and Massachusetts vital statistics. American Society for Reproductive Medicine, San Diego, California, October 20-24, 2012
52. Stern JE, Kotelchuck M, **Luke B**, Declercq E, Belanoff C, Diop H. (2012) Alternate methods of estimating gestational age from national databases may overestimate rates of preterm birth following ART. American Society for Reproductive Medicine, San Diego, California, October 20-24, 2012
53. Diop H, Cohen B, Hornstein M, Kotelchuck M, **Luke B**, Stern JE. (2012) Accuracy of assisted reproductive technology (ART) in Massachusetts: a Comparison of Clinic Outcome Reporting System, Birth Certificates, and the Pregnancy Risk Assessment Monitoring System. Maternal and Child Health Epidemiology Conference, San Antonio, Texas, December 12-14, 2012
54. Liberman RF, **Luke B**, Stern JE, Reefhuis J, Gopal D, Anderka M. (2013) Validation of maternal self-report of assisted reproductive technology use at the Massachusetts site of the National Birth Defects Prevention Study. Society for Pediatric and Perinatal Research, Boston, Massachusetts, June 17-18, 2013
55. **Romero VC**, Somers EC, Stolberg V, Clinton C, Chensue S, Djuric Z, Berman DR, Treadwell MC, Vahratian AM, Mozurkewich E. (2013) Developmental programming for allergy: a secondary analysis of the Mothers, Omega-3, and Mental Health Study. Fellows Plenary Session. 32nd Annual Meeting of the Society of Maternal Fetal Medicine (SMFM), San Francisco, California, February 11-16, 2013

56. **Roman LA** , Raffo JE, **Meghea CI**, **Rechner S**, Seaver C, Bonewell J. (2013) Using lean process improvement to develop a perinatal system of care for Medicaid insured pregnant women. American Public Health Association 141st Annual Meeting and Exposition, November 2-6, 2013, Boston, MA
57. **Roman LA** , Raffo JE, **Meghea CI**, **Rechner S**. (2013) Prenatal care to primary care: Understanding medical and psychosocial risk in Medicaid- insured pregnant women for transition to primary care. American Public Health Association 141st Annual Meeting and Exposition, November 2-6, 2013, Boston, MA
58. Raffo JE, **Meghea CI**, **Rechner S**, **Roman LA**. (2013) Utilization of health and community services among pregnant women enrolled in Medicaid. American Public Health Association 141st Annual Meeting and Exposition, November 2-6, 2013, Boston, MA
59. **Hammad A**, **Williams K.P.** (2013) ACCESS's Global Health Model and its Impact through Research Capacity Building – Kin KeeperSM Case Study. NAANA 27th International Medical Convention. Health without Border: Health Cancer Delivery in the Time of Globalization. June 29-July 4, 2013. Vienna Austria
60. **Roman L**, **Meghea C**, Penner L, Hamade H, Estes T, **Williams K.P.** (2012) Determinants of Breast and Cervical Cancer Screening among Black, Latina and Arab Women. NIH 2012 Summit on the Science of Eliminating Health Disparities. October 31- November 3, 2012
61. Zambrana R, **Meghea C**, Lockett M, **Hammad A**, Talley C, **Williams K.P.** (2012) The Role of Family Communication Practices in Cancer Screening Practices. NIH 2012 Summit on the Science of Eliminating Health Disparities. October 31- November 3, 2012
62. **Ford S**, **Meghea C**, Estes T, Hamade H, Lockett M, **Williams, KP.** (2012) Evaluation of Treatment Fidelity of the Kin KeeperSM Prevention Intervention in African American, Latina, and Arab Women, Poster, Michigan Cancer Consortium, East Lansing, MI, October 2012
63. **Ford S**, **Meghea C**, Estes T, Hamade H, Lockett M, **Williams, KP.** (2013) Treatment Fidelity Evaluation of a Cancer Prevention Intervention in African American, Latina, and Arab Women. Poster, American Association for Cancer Research, Washington, DC, April 2013

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Research Article. Reporting Vaccine Complications: What Do Obstetricians and Gynecologists Know About the Vaccine Adverse Event Reporting System? L. O. Eckert,¹ B. L. Anderson,² B. Gonik,³ and J. Schulkin^{1,2}.
Council on Residence Education in Obstetrics and Gynecology, Educational Objectives. Core Curriculum in Obstetrics and Gynecology, American College of Obstetricians and Gynecologists, Washington, DC, USA, 9th edition, 2009. Centers for Disease Control and Prevention, "Pertussis epidemic" Washington, *Morbidity and Mortality Weekly Report*, vol. 61, no. 28, pp. 517-522, 2012. View at Google Scholar.