**Ozlem Guzeloglu Kayisli, M.Sc. and Ph.D.**

University of South Florida, Morsani College of Medicine, Tampa, Florida

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| **Address** |  |
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| **Citizenship** |  |
|  | USA  |  |
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| **Education** |  |
|  | Doctor of Philosophy (Ph.D) in Medical Biology & Genetics,Akdeniz University, Institute of Health Science, Antalya-Turkey | 2000-2004 |
|  | Master of Science (M.Sc) in Medical Biology & Genetics,Akdeniz University, Institute of Health Science, Antalya-Turkey.  | 1994-1998 |
|  | Bachelors of Science (B.Sc) in Molecular and Medical BiologyIstanbul University, Cerrahpasa Medical Faculty, Istanbul-Turkey.  | 1990-1994 |
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| **Postgraduate Training** |  |
|  | Research Training in Division of Reproductive Endocrinology, Department of Ob & Gyn, School of Medicine, Yale University, New Haven, CT. | 8-10/2000 |
|  | Research Training in Division of Reproductive Endocrinology, Department of Ob & Gyn, School of Medicine, Yale University, New Haven, CT. | 6-10/2001 |
|  | Research Fellowship in Department of Neurosurgery, School of Medicine, Yale University, New Haven, CT. | 4/2002-7/2003 |
|  | Post-Doctoral Associate in Department of Ob&Gyn and Reproductive Science, Yale University School of Medicine, New Haven-CT. | 2005-2011 |
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| **Awards, Honors, Honorary Society Memberships** |  |
| USF Research Day, MCOM Outstanding Fellow Trainee Poster Award to MFM Fellow Chinedu Nwabuobi. | 2017 |
|  | USF WHC & USF Health Office of Research Seed Grant Award | 2015 |
|  | European Human Genetics Conference, Young Scientist Fellowship Award. | 2005 |
|  | Society for Gynecologic Investigation President's Presenter Award. | 2002 |
|  | International Congress of Human Genetics, Young Scientist Fellowship Award. | 2001 |
|  | Society for Gynecologic Investigation President’s Presenter Award. | 2001 |
|  | VII National Congress of Medical Biology, President's Presenter Award | 2001 |
|  | European Molecular Biology Organization (EMBO) Short Term, Young Scientist Fellowship Award. | 1999 |
|  | NATO-Advanced Study Institute, Young Scientist Fellowship Award. | 1998 |
|  | Istanbul University, Cerrahpasa Medical Faculty, Molecular and Medical Biology, *Summa Cum Laude* | 1994 |
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| **Appointments**  |  |
|  | Associate Professor, Department of Ob & Gyn, University of South Florida, Morsani College of Medicine, Tampa-FL. | 2019-Present |
|  | Assistant Professor, Department of Ob & Gyn, University of South Florida, Morsani College of Medicine, Tampa-FL. | 2014-2019 |
|  | Assistant Professor, Department of Ob & Gyn,Ohio State University, College of Medicine,Columbus-OH. | 2012-2014 |
|  | Associate Research Scientist, Department of Ob&Gyn and Reproductive Science, Yale University, School of Medicine, New Haven-CT | 2011-2012 |
| **Teaching, Lecture**  |  |
|  | Research Assistant: Akdeniz University, School of Medicine, First year Medical Students “Medical Biology and Medical Genetic Techniques” Antalya-Turkey. | 1998-2005 |
|  | Teaching Fellow: Antalya Health Institute, “Introduction to Medical Biology and Genetic” Antalya-Turkey. | 2004-2005 |
| **Research Supervisory** |  |
|  | Chinedu Nwabuobi, MD: Maternal Fetal Medicine Fellowship Research Project, Dept. of Ob & Gyn, University of South Florida, Morsani College of Medicine,Tampa-FL. | 2016-Current |
|  | Rachel Sinkey, MD: Maternal Fetal Medicine Fellowship Research Project, Dept. of Ob & Gyn, University of South Florida, Morsani College of Medicine,Tampa-FL. | 2015-2017 |
|  | Nicole Teal, MD: 4th Medical Student in Morsani College of Medicine, University of South Florida,Tampa-FL.  | 2015-2016 |
|  | Vidhya Krishnan (BS): 2nd Medical Student in Morsani College of Medicine, University of South Florida,Tampa-FL. | 2015-2016 |
|  | Sefa Arlier, MD: Research Fellow, Dept. of Ob&Gyn, University of South Florida, Morsani College of Medicine, Tampa-FL.  | 2015-2017 |
|  | Sahio Torrellay, MD: Fellowship Research Project in Reproductive Endocrinology and Infertility, Dep of Ob & Gyn, Yale University School of Medicine, New Haven, CT. | 2011-2012 |
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|  | Orkan Ilbay, B.Sc: Postgraduate Associate, Dept. of Ob&Gyn, and Reproductive Sciences, Yale University School of Medicine,New Haven, CT. | 2010-2012 |
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|  | Saffet Ozturk, M.Sc: PhD Project, Dept. of Ob&Gyn, and Reproductive Sciences, Yale University School of Medicine, New Haven, CT. | 2010-2011 |
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|  | Hakan Karalok, MD: Visiting Research Scientist, Dept. of Ob&Gyn, and Reproductive Sciences, Yale University School of Medicine, New Haven, CT. | 2010-2012 |
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|  | Cengiz Karakaya, Ph.D: Postdoctoral Associate,Dept. of Ob&Gyn, and Reproductive Sciences, Yale University School of Medicine, New Haven, CT. | 2011-2012 |
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|  | Cecilla Wrigth, BSc. Undergraduate student, senior thesis, Dept. of Ob&Gyn, and Reproductive Sciences, Yale University School of Medicine, New Haven, CT.  | 2010-2011 |
|  | Celal Emre Yetkin, M.Sc.: Postgraduate Associate, Dept. of Ob&Gyn, and Reproductive Sciences, Yale University School of Medicine, New Haven, CT. | 2008-2010 |
|  | Fulya Aydiner, M.Sc.: Postgraduate Associate, Dept. of Ob&Gyn, and Reproductive Sciences, Yale University School of Medicine, New Haven, CT. | 2008-2010 |
|  | Elnur Babayev,: 3rd Medical Student, Dept. of Ob&Gyn, and Reproductive Sciences, Yale University School of Medicine, New Haven, CT. | 2009 |
|  | Levent Mutlu, B.Sc.: 3rd Medical Student, Dept. of Ob&Gyn, and Reproductive Sciences, Yale University School of Medicine, New Haven, CT. | 2009 |
|  | Isaac Sasson, M.D., Ph.D., Resident Research Project, Dept. of Ob& Gyn, and Reproductive Sciences, Yale University School of Medicine, New Haven, CT.  | 2008-2009 |
|  | Samuel Pauli, M.D. Residency Research Project, Dept. of Ob&Gyn, and Reproductive Sciences, Yale University School of Medicine, New Haven, CT. | 2007-2008 |
|  | Defne Bayik, B.Sc: Undergrad Summer Student, Dept. of Ob&Gyn, and Reproductive Sciences, Yale University School of Medicine, New Haven, CT. | 2008 |
|  | Zachary Walton, Ph.D., 2007. 2nd Medical Student Yale University School of Medicine, New Haven, CT. | 2006-2007 |
|  | Habibe Demir, M.D: Postgraduate Associate, Dept. of Ob&Gyn, and Reproductive Sciences, Yale University School of Medicine, New Haven, CT. | 2007-2008 |
|  | Serpil Uckac, M.Sc: Postgraduate Associate, Dept. of Ob&Gyn, and Reproductive Sciences, Yale University School of Medicine, New Haven, CT. | 2007-2008 |
|  | Celalettin Turgut B.Sc.: 3rd Medical Student, Dept. of Ob&Gyn, and Reproductive Sciences, Yale University School of Medicine, New Haven, CT. | 2006 |
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| **Lectures by Invitation** (international, national, regional, local) |  |
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|  | “Evaluation of gene expression in oocytes and pre-implantation embryos using RT-PCR”, Frontiers in Molecular and Cellular Biology in Reproduction and Clinical Implications Course, Antalya, Turkey.  | Oct 22, 2007 |
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|  | Uterine Decidual Cells Express Molecules Required for ZIKV Cell Entry: Implications for Perinatal Infection” Presented in ZIKA Research Symposium, Florida Atlantic University, Oct 9, 2017. | Oct 9, 2017 |
| **Scholarly Activity** |  |
|  | A) Current Grants**Agency**: Florida Department of Health **I.D.#**: 7ZK23 **Title**: “Cellular and molecular mediators of ZIKA virus replication in decidua and mechanisms of ZIKA virus transmission from maternal decidua to the placenta/fetal unit”**P.I.**: Charles J Lockwood, MD., and Ozlem Guzeloglu Kayisli, PhD.**Percent effort**: 40%**Direct costs per year**: $152,720/16-17; $305,440/17-18; $305,440/18-19; $229,080/19-20 **Total costs for project period**: $1,141,582**Project period**: 01/31/2017– 05/31/2020**Agency**: NIH/NICHD **ID#**: 1U01 HD087213-01 **Title**: “Placental microvasculature, environmental influences and fetal growth restriction”**P.I**.: Anthony Odibo, MD. and Umit A Kayisli, PhD.**Role on Project**: Co-investigator**Percent effort**: 10% **Direct costs per year**: $725,235**Total costs for project period**: $4,045,846 **Project period**: 09/17/2015 – 08/31/2019**Agency**: March of Dimes Foundation **I.D.#**: 134266; Prematurity Research Collaboration of Ohio, **Title**: “Theme 4; Progesterone signaling in pregnancy maintenance and preterm birth ”**P.I**.: Sam Mesiano, PhD. Site PI: Charles J Lockwood, MD**Role on Project**: Co-investigator**Percent effort**: 10%**Total costs for project period:** $2,000,000/Theme 4 and $420,000/ USF Site**Project period**: 08/01/2013 – 06/30/2018**B) Past Grants** Agency: USF Women Health Collaboration I.D.#: 011792 Title: “Therapeutic induction of Progesterone Receptor B in term decidual cells using microspheres technology”P.I.: Ozlem Guzeloglu Kayisli, PhD, Yashwant Pathak, PhD, Vijaykumar Sutariya, PhD, and Kirpal Bisht, PhD.Percent effort: 70%/ No Salary Total costs for project period: $20,000Project period: 06/01/2015 – 05/30/2016Agency: NIH/NICHD I.D.# R01HD059909-02Title: “Regulation of maternal mRNA translation during early development”P.I.: Emre Seli, MD.Role on project: Co-InvestigatorPercent effort: 40%Total costs for project period: $1,762,636Project period: 11/30/2010 – 11/30/2015Agency: NIH I.D.# K08 HD046581 Title: “Characterizing mammalian embryonic polyA binding protein”P.I.: Emre Seli, MD. Role on project: Key PersonnelTotal costs for project period: $1.035,085 Project period: 2004 –2010Agency: NIH/NINDS I.D.# R01 NS36194Title: “Pathobiology of cerebral cavernous malformation”P.I.: Richard Lifton, MD. and PhDTotal costs for project period: $341,493 Project period: 2.1.2000 – 1.31.2003Agency: ACOG/Novartis Pharmaceuticals Co.I.D.# Postdoctoral FellowshipTitle: “A Mechanism for Estrogen's Anti-Atherogenic Effect”P.I.: Aydin Arici, M.D.Total costs for project period: $20,000Project period: 1999– 200-Agency: UNIDO-ICGEB, I.D.# CRP-TUR-93-01Title: “Molecular Basis of β-Thalassemia in Antalya-Turkey”P.I.: Huseyin Bagci, Ph.D.Project period: 1998 – 2005 |  |
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| **Published Bibliography** |  |
|  | **Peer-Reviewed** Keser, I., **OG. Kayisli,** A. Yesilipek, ON. Ozes, and G. Luleci. Hb Antalya [codons 3-5 (Leu-Thr-Pro 🡪 Ser-Asp-Ser)]: a new unstable variant leading to chronic microcytic anemia and high Hb A2. *Hemoglobin* 2001, 25: 369-373.Kayisli, UA., B. Selam, **O. Guzeloglu-Kayisli**, R. Demir, and A. Arici. Human chorionic gonadotropin contributes to maternal immune-tolerance and endometrial apoptosis by regulating Fas-Fas ligand system. *J Immunology* 2003, 171:2305-2313.**Guzeloglu Kayisli, O.,** UA. Kayisli, RA. Rejjal, W. Zheng, G. Luleci, and A. Arici. Regulation of PTEN expression by estradiol and progesterone in human endometrium. *J. Clin. End. Metab.* 2003, 88: 5017-5026.Mulayim, N., A. Savlu, **O. Guzeloglu-Kayisli**, U. Kayisli, and A. Arici. Regulation of endometrial stromal cell matrix metalloproteinase activity and invasiveness by interleukin-8. *Fertil. Steril.* 2004, 81: 904-911.**Guzeloglu-Kayisli, O.,** NM. Amankulor, G. Luleci, RP. Lifton,, and M.Gunel. KRIT1/cerebral cavernous malformation-1 protein localizes to vascular endothelium, astrocytes, and pyramidal cells of the adult human cerebral cortex. *Neurosurgery*. 2004, 54: 943-949.Berkkanoglu, M., **O. Guzeloglu-Kayisli**, UA. Kayisli, B. Selam, and A. Arici. Regulation of Fas ligand expression by vascular endothelial growth factor in endometrial stromal cells *in vitro*. *Mol. Hum. Reprod.* 2004, 10: 393-398.**Guzeloglu-Kayisli, O.**, UA. Kayisli, G. Luleci, and A. Arici. *In vivo* and *in vitro* regulation of Akt activation in human endometrial cells is estrogen dependent. *Biol. Reprod.* 2004, 71:714-21.Keser, I., AD. Sanlioglu, E. Manguoglu, **O. Guzeloglu-Kayisli**, N. Nal, F. Sargin, A. Yesilipek, M. Simsek, I. Mendilcioglu, D. Canatan, and G. Luleci. Molecular analysis of β-thalassemia and sickle cell anemia in Antalya. *Acta Haematol.* 2004, 111: 205-210.**Guzeloglu-Kayisli, O.**, UA. Kayisli, NM. Amankulor, JR. Voorhees, ML. DiLuna, MS. Laurans, G. Luleci, and M. Gunel. KRIT1/cerebral cavernous malformation 1 protein is expressed during early angiogenesis. *J. Neurosurg. Spine*. 2004; 100: 481-487.Kayisli, UA., J. Luk, **O. Guzeloglu-Kayisli**, Y. Seval, R. Demir, and A. Arici. Regulation of angiogenic activity of human endometrial endothelial cells in culture by ovarian steroids. *J. Clin. End. Metab*. 2004, 89: 5794–5802.**Guzeloglu-Kayisli, O.**, I. Keser, ON. Ozes, D. Canatan, A. Yesilipek, and G. Luleci. Compound heterozygosity for two beta chain variants: the midly unstable Hb Tyne [codon 5 Pro🡪Ser] and HbS [codon 6 Glu🡪Val]. *Turkish J. Haematology.* 2005, 22: 37-40. **Guzeloglu-Kayisli, O.** I. Keser, D. Canatan, AD. Sanlıoglu, NO. Ozes, and G. Luleci. Identification of a novel frameshift mutation [Codon 3 (+T)] in a Turkish patient with β-thalassemia intermedia. *Turkish J. Med. Sci*. 2005, 35: 175-177. Keser, I., E. Manguoglu, **O. Guzeloglu-Kayisli**, F. Kurt, I. Mendilcioglu, I., M. Şimşek, G. Bagcı, A. Kupesiz, and G. Luleci. Prenatal diagnosis of β-thalassemia in the Antalya province. *Turkish J. Med. Sci.* 2005, 35: 251-253.Seli, E., UA. Kayisli, H. Cakmak, O. Bukulmez, I. Bildirici, **O. Guzeloglu-Kayisli**, and A. Arici. Removal of hydrosalpinges increases endometrial leukaemia inhibitory factor (LIF) expression at the time of the implantation window. *Hum. Reprod.* 2005, 20: 3012-3017.Seli, E., **O. Guzeloglu-Kayisli**, H. Cakmak, UA. Kayisli, B. Selam,and A. Arici. Estradiol increases apoptosis in human coronary artery endothelial cells (HCAEC) by up-regulating Fas and Fas ligand expression. *J. Clin. End. Metab.* 2006, 91: 4995-5001.Seli, E., **O. Guzeloglu-Kayisli**, UA. Kayisli, G. Kizilay, and A. Arici. Estrogen increases apoptosis in the arterial wall in a murine athero-sclerosis model. *Fertil Steril.* 2007, 88: 1190-1196.Keser, I., E. Manguoglu, **O. Kayisli**, A. Yesilipek, and G. Luleci. Combination of Hb Knossos [Cod 27 (G🡪T)] and IVSII-745 (C🡪G) in a Turkish patient with β-thalassemia major. *Genet. Test*. 2007, 11(3): 228-230.Seli, E., A. Yaba, **O. Guzeloglu-Kayisli**, and MD. Lalioti. Alternative splicing of the mouse embryonic poly(A) binding protein (Epab) mRNA is regulated by an exonic splicing enhancer: A model for post-transcriptional control of gene expression in the oocyte. *Mol. Hum. Reprod*. 2008, 14(7): 393-398.**Guzeloglu-Kayisli, O.,** G. Halis, S. Taskiran, UA. Kayisl, and A. Arici. DNA-binding ability of NF-ΚB is affected differently by ER-α and ER-β and its activation results in inhibition of estrogen responsiveness. *Reprod. Sci*. 2008, 15(5): 493-505.**Guzeloglu-Kayisli, O.,** Z. Cetin, I. Keser, Z. Ozturk, T. Tuncer, D. Canatan, and G. Luleci. Relationship between SP1 polymorphism and osteoporosis in β-thalassemia major patients. *Pediatrics International* 2008, 50(4): 474-476.**Guzeloglu-Kayisli, O.**, S. Pauli, H. Demir, M. Lalioti, D. Sakkas, and E. Seli. Identification and characterization of human embryonic poly(A) binding protein (EPAB). *Mol. Hum. Rep*. 2008, 14(10): 581-588.**Guzeloglu-Kayisli, O.**, MD. Lalioti, F. Aydiner, I. Sasson, O. Ilbay, D. Sakkas, KM. Lowther, LM. Mehlmann, and E. Seli. Embryonic poly(A)-binding protein (EPAB) is required for oocyte maturation and female fertility in mice. *Biochem. J.* 2012; 446(1): 47-58. Ozturk, S., **O. Guzeloglu-Kayisli,** N. Demir, B. Sozen, O. Ilbay, M. Laioti, and E. Seli. Epab and Pabpc1 are differentially expressed during male germ cell development. *Reprod. Sci.* 2012, 19(9): 911-922.Kayisli, UA., **O. Guzeloglu-Kayisli**, E. Guzel, and A. Arici. Genistein inhibits cell proliferation and stimulates apoptosis in human coronary artery endothelial cells. *Gynecol. Obstet. Invest*. 2013, 75(4): 235-242.Torrealday, S., MD. Lalioti, **O. Guzeloglu-Kayisli**, and E. Seli. Characterization of the gonadotropin releasing hormone receptor (GnRHR) expression and activity in the female mouse ovary. *Endocrinology* 2013, 154(10): 3877-3887.Lockwood, CJ., SJ. Huang, CP. Chen, Y. Huang, J. Xu, S. Faramarzi, **O. Kayisli**, U. Kayisli, L. Koopman, D. Smedts, LF. Buchwalder, and F. Schatz. Decidual cell regulation of natural killer cell-recruiting chemo-kines: implications for the pathogenesis and prediction of preeclampsia. *Am. J. Pathol.* 2013, 183(3): 841-856.**Guzeloglu-Kayisli, O.,** MD. Lalioti, E. Babayev, S. Torrealday, C. Karakaya, and E. Seli. Human embryonic poly(A) binding protein (EPAB) alternative splicing is differentially regulated in human oocytes and embryos. *Mol. Hum. Reprod.* 2014 20(1): 59-65.Ozturk, S., **O. Guzeloglu-Kayisli**, KM. Lowther, MD. Lalioti, D. Sakkas, and E. Seli. Epab is dispensable for mouse spermatogenesis and male fertility. *Mol. Reprod. Dev.* 2014, 81(5): 390.Karakaya, C., **O. Guzeloglu-Kayisli**, RJ. Hobbs, T. Gerasimova, A. Uyar, M. Erdem, M. Oktem, A. Erdem, S. Gumuslu, D. Ercan, D. Sakkas, P. Comizzoli, E. Seli, and MD. Lalioti. Follicle stimulating hormone receptor (FSHR) alternative skipping of exon 2 or 3 affects ovarian response to FSH. *Mol. Hum. Reprod*. 2014, 20(7): 630-643.Karalok, HM., E. Karalok, O. Saglam, A. Torun, **O. Guzeloglu-Kayisli**, MD. Lalioti, H. Kristansson, CM. Duke, G. Choe G, C. Flannery, CB. Kallen, and E. Seli. mRNA-binding Protein TIA-1 reduces cytokine expression in human endometrial stromal sells and is down-regulated in ectopic endometrium. *J. Clin. End. Metab.* 2014, 99(12): E2610-2619. **Guzeloglu-Kayisli, O.**, M. Basar, JP. Shapiro, N. Semerci, JS. Huang, F. Schatz F, CJ. Lockwood, and UA. Kayisli. Long-acting progestin-only contraceptives enhance human endometrial stromal cell expressed neuronal pentraxin-1 and reactive oxygen species to promote endothelial cell apoptosis. *J. Clin. End. Metab*. 2014, 99(10): E1957-1966.Lockwood, CJ., M. Basar, UA. Kayisli, **O. Guzeloglu-Kayisli**, W. Murk, J. Wang, N. De Paz, JP. Shapiro, RJ. Masch, N. Semerci, SJ. Huang, and F. Schatz. Interferon-γ protects first-trimester decidual cells against aberrant matrix metalloproteinases 1, 3, and 9 expression in preeclampsia. *Am. J. Pathol*. 2014, 184(9): 2549-2559.Basar, M., I. Bozkurt, **O. Guzeloglu-Kayisli**, B. Sozen, I. Tekmen, F. Schatz, A. Arici, CJ. Lockwood, and UA. Kayisli. Unfolded protein response prevents blastocyst formation during preimplantation embryo development *in vitro*. *Fertil. Steril.* 2014, 102(6): 1777-1784.Shapiro, JP., M. Basar, UA. Kayisli, **O. Guzeloglu-Kayisli**, JS. Huang, AA. Suarez, HG. Ozer, F. Schatz, and CJ. Lockwood. Mass spectrometry identification of potential mediators of progestin-only contraceptive-induced abnormal uterine bleeding in human endometrial stromal cells. *Contraception* 2015, 91(3): 253-260.Kayisli, UA., M. Basar, **O. Guzeloglu-Kayisli**, N. Semerci, HC. Atkinson, J. Shapiro, T. Summerfield, SJ. Huang, K. Prelle, F. Schatz, and CJ. Lockwood. Long-acting progestin-only contraceptives impair endometrial vasculature by inhibiting uterine vascular smooth muscle cell survival. *Proc Natl Acad Sci USA*. 2015, 112(16): 5153-5158.Karakaya, C., **O. Guzeloglu-Kayisli**, A. Uyar, AN. Kallen, E. Babayev, N. Bozkurt, E. Unsal, O. Karabacak, and E. Seli. Poor ovarian response in women undergoing *in vitro* fertilization is associated with altered microRNA expression in cumulus cells. *Fertil. Steril*. 2015, 103(6): 1469-1476.**Guzeloglu-Kayisli, O.,** UA. Kayisli, N. Semerci, M. Basar, LF. Buchwalder, CS. Buhimschi, IA. Buhimschi, F. Arcuri, K. Larsen, JS. Huang, F. Schatz, and CJ. Lockwood. Mechanisms of chorioamnionitis-associated preterm birth: interleukin-1β inhibits progesterone receptor expression in decidual cells. *J. Pathol.* 2015, 237(4): 423-434.Schatz, F., **O. Guzeloglu-Kayisli**, M. Basar, LF. Buchwalder, N. Ocak, E. Guzel, S. Guller, N. Semerci, UA. Kayisli, and CJ. Lockwood. Enhanced human decidual cell-expressed FKBP51 may promote labor-related functional progesterone withdrawal. *Am. J. Pathol*. 2015, 185(9): 2402-2411.**Guzeloglu-Kayisli, O.,** UA. Kayisli, M. Basar, N. Semerci, F. Schatz, and CJ. Lockwood. Progestins upregulate FKBP51 expression in human endometrial stromal cells to induce functional progesterone and glucocorticoid withdrawal: Implications for contraceptive-associated abnormal uterine bleeding. *PLoS One* 2015, 10(10): e0137855.Shapiro, JP., **O. Guzeloglu-Kayisli**, UA. Kayisli, N. Semerci, SJ. Huang, S. Arlier, K. Larsen, P. Fadda, F. Schatz, and CJ. Lockwood. Thrombin impairs human endometrial endothelial angiogenesis; implications for progestin-only contraceptive-induced abnormal uterine bleeding. *Contraception* 2017, 95(6): 592-601. Cakmak, H., Y. Seval-Celik, S. Arlier, **O. Guzeloglu-Kayisli**, F. Schatz, A. Arici, UA. Kayisli. p38 Mitogen-Activated Protein Kinase is Involved in the Pathogenesis of Endometriosis by Modulating Inflammation, but not Cell Survival. *Reprod Sci*. 2017 Jan 1:1933719117725828. Arlier, S., W. Murk, **O. Guzeloglu-Kayisli**, N. Semerci, K. Larsen, MS. Tabak, A. Arici, F. Schatz, CJ. Lockwood, UA. Kayisli. The extracellular signal-regulated kinase 1/2 triggers angiogenesis in human ectopic endometrial implants by inducing angioblast differentiation and proliferation. *Am J Reprod Immunol.* 2017 Sep 16. doi: 10.1111/aji.12760. Nwabuobi, C., S. Arlier, F. Schatz, **O. Guzeloglu-Kayisli**, CJ. Lockwood, UA. Kayisli. hCG: Biological Functions and Clinical Applications. *Int J Mol Sci*. 2017 Sep 22;18(10). Canfield J, Arlier S, Mong EF, Lockhart J, VanWye J, **Guzeloglu-Kayisli O**, Schatz F, Magness RR, Lockwood CJ, Tsibris JCM, Kayisli UA, Totary-Jain H. Decreased LIN28B in preeclampsia impairs human trophoblast differentiation and migration. *FASEB J*. 2019 Feb;33(2):2759-2769.Beck S, Buhimschi IA, Summerfield TL, Ackerman WE, **Guzeloglu-Kayisli O**, Kayisli UA, Zhao G, Schatz F, Lockwood CJ, Buhimschi CS Toll-like receptor 9, maternal cell-free DNA and myometrial cell response to CpG oligodeoxynucleotide stimulation. *Am J Reprod Immunol.* 2019 Feb 13:e13100. doi: 10.1111/aji.13100 |  |
|  | **Case Reports, Technical Notes, Letters**Senol, U., E. Luleci, I. Keser, **O. Guzeloglu-Kayisli**, AD. Toraman, G. Luleci, and D. Canatan. Sickle-beta-thalassemia and splenic calcification. *Abdom. Imaging*. 2001, 26: 557. Keser, I., D. Canatan, **O. Guzeloglu-Kayisli**, R. Cosan, and G. Luleci. Beta-Thalassemia major associated with Down syndrome. *Ann Genet*. 2001, 44: 57-58.  |  |
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|  | **Invited Publications**Kayisli, UA., **O. Guzeloglu-Kayisli**, and A. Arici. Endocrine-immune interaction in human endometrium. *Ann. N.Y. Acad. Sci.* 2004, 1034: 50–63.**Guzeloglu-Kayisli, O.,** M. Basar, and A. Arici. Basic aspects of implantation. *Reprod. Biomed.* Online 2007, 15(6): 728-739.**Guzeloglu-Kayisli, O.**,UA. Kayisli, and HS. Taylor. The role of growth factors and cytokines during implantation: endocrine and paracrine interactions. *Semin. Reprod. Med.* 2009, 27(1): 62-67.Cakmak, H., **O.** **Guzeloglu-Kayisli,** UA. Kayisli, and A. Arici. Immune-endocrine interactions in endometriosis. *Front. Biosci*. (Elite Ed). 2009, 1: 429-443.Schatz, F., **O. Guzeloglu-Kayisli**, S. Arlier, UA. Kayisli, and CJ. Lockwood. The role of decidual cells in uterine hemostasis, menstruation, inflammation, adverse pregnancy outcomes and abnormal uterine bleeding. *Hum. Reprod. Update* 2016, 22(4): 497-515.Guzel, E., S. Arlier, **O. Guzeloglu-Kayisli**, MS. Tabak, T. Ekiz, N. Semerci, K. Larsen, F. Schatz F, CJ. Lockwood, and UA. Kayisli. Endoplasmic reticulum stress and homeostasis in reproductive physiology and pathology. *Int. J. Mol. Sci*. 2017, 18(4). pii: E792Shapiro JP, **Guzeloglu-Kayisli O**, Kayisli UA, Semerci N, Huang SJ, Arlier S, Larsen K, Fadda P, Schatz F, Lockwood CJ. Thrombin impairs human endometrial endothelial angiogenesis; implications for progestin-only contraceptive-induced abnormal uterine bleeding. *Contraception* 2017 Apr 19. pii: S0010-7824(17)30106-3.Cakmak H, Seval-Celik Y, Arlier S, **Guzeloglu-Kayisli O,** Schatz F, Arici A, Kayisli UA. p38 Mitogen-Activated Protein Kinase is Involved in the Pathogenesis of Endometriosis by Modulating Inflammation, but not Cell Survival. *Reprod Sci.* 2018 Apr;25(4):587-597.Arlier S, Murk W, **Guzeloglu-Kayisli O**, Semerci N, Larsen K, Tabak MS, Arici A, Schatz F, Lockwood CJ, Kayisli UA. The extracellular signal-regulated kinase 1/2 triggers angiogenesis in human ectopic endometrial implants by inducing angioblast differentiation and proliferation. *Am J Reprod Immunol*. 2017 Dec;78(6).Nwabuobi C, Arlier S, Schatz F, **Guzeloglu-Kayisli O**, Lockwood CJ, Kayisli UA. hCG: Biological Functions and Clinical Applications. *Int J Mol Sci*. 2017 Sep 22;18(10). |  |
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Presented at Annual Meeting of Society for the Study of Reproduction, July 19-23, 2014 Grand Rapids-MI, Published in *Biology of Reproduction*, Vol:22, No:1, Suppl, March 2014 (P#95).Lowther K., **Guzeloglu-Kayisli O**., Ilbay O., Uyar A., Mehlmann L., Seli E. EPAB is Required during Early Stages of Oocyte Development for Chromatin Remodeling, Transcriptional Silencing, and Acquisition of Meiotic Competence. Presented at Annual Meeting of Society for the Study of Reproduction, July 19-23, 2014 Grand Rapids-MI, Published in *Biology of Reproduction*, Vol:22, No:1, Suppl, March 2014 (P#121).Shapiro J., **Guzeloglu-Kayisli O.**, Basar M., Suarez A., Ozer G., Huang J., Schatz J., Lockwood CJ. Mass spectrometry analysis of the Human Endometrial Stromal Cell secretome identifies Stanniocalcin-1 as a Long-Acting Progesterone Contraceptive- Associated Biomarker That increases Human Endometrial Endothelial cell proliferation. Presented at 61st Annual Meeting of Society for Gynecologic Investigation, March 26-29, 2014 Florence-Italy, Published in *Reproductive Sciences*, Vol:21, No:3, Suppl, March 2014 (P88A-O-037).Basar M., Justice S., **Guzeloglu-Kayisli O**., Schatz J., Lockwood CJ., Kayisli UA. Protective role of E. Coli Nissle 1917-based probiotic against uropathogenic E. Coli (UPEC) strain-mediated inhibition of Progesterone Receptor expression and cell survival in decidual cells Presented at 61st Annual Meeting of Society for Gynecologic Investigation, March 26-29, 2014 Florence-Italy, Published in *Reproductive Sciences*, Vol:21, No:3, Suppl, March 2014 (P131A-T-006).**Guzeloglu-Kayisli O**., Basar M., Semerci N., Kayisli UA., Buhimschi I., Huang J., Mesiano S., Schatz F., Lockwood CJ. Pro-inflammatory cytokines initiate functional progesterone withdrawal and chorioamnionitis-induced preterm birth by decreasing progesterone receptor expression and increasing prostaglandin production in decidual cells. Presented 61st Annual Meeting of Society for Gynecologic Investigation, March 26-29, 2014 Florence-Italy, Published in *Reproductive Sciences*, Vol:21, No:3, Suppl, March 2014 (P142A-T-041).Basar M., Kayisli UA., Semerci N., **Guzeloglu-Kayisli O**., Atkinson T., Summerfield T., Huang J., Shapiro J., Schatz F., Lockwood CJ. LAPC- inhibited differentiation and proliferation of Vascular Smooth Muscle Cells induce Abnormal Uterine Bleeding due to immature vascularization Presented at 61st Annual Meeting of Society for Gynecologic Investigation, March 26-29, 2014 Florence-Italy, Published in *Reproductive Sciences*, Vol:21, No:3, Suppl, March 2014 (P217A-T-260).Lockwood CJ., Murk M., Kayisli UA, **Guzeloglu-Kayisli O**., Basar M., Shapiro J., Mesiano S., Schatz F. Progesterone and Glucocorticoid receptor enhanced decidual cell expressed FKBP51 may promote human labor associated functional Progesterone Withdrawal. Presented at 61st Annual Meeting of Society for Gynecologic Investigation, March 26-29, 2014 Florence-Italy, Published in *Reproductive Sciences*, Vol:21, No:3, Suppl, March 2014 (P245A-F-028).Kayisli UA, Ocak N., Uyar A., **Guzeloglu-Kayisli O**., Basar M., Huang J., Schatz F., Lockwood CJ. Decidual cell-derived Interleukin-6 inhibits IL11-mediated gene expression in macrophages: implications for Preeclampsia. Presented at 61st Annual Meeting of Society for Gynecologic Investigation, March 26-29, 2014 Florence-Italy, Published in *Reproductive Sciences*, Vol:21, No:3, Suppl, March 2014 (P299A-F-186).Puri A., Kayisli UA., Tabak S., **Guzeloglu-Kayisli O**., Shapiro J., Schatz F., Lockwood CJ. Human labor is accompanied by enhanced expression of PAR1, but Not PAR3 in decidual cells. Presented at 61st Annual Meeting of Society for Gynecologic Investigation, March 26-29, 2014 Florence-Italy, Published in *Reproductive Sciences* Vol:21, No:3, Suppl, March 2014 (P337A-S-013).Semerci N., Basar M., Kayisli UA, Ocak N., Vatandaslar E., Faramarzi S., **Guzeloglu-Kayisli O**., Schatz F., Lockwood CJ. Excess Soluble Fms-Like Tyrosine Kinase 1 production by endogenous activation of decidual cell Toll-Like Receptor-4 triggers Preeclampsia-related vascular dysfunctions. Presented at 61st Annual Meeting of Society for Gynecologic Investigation, March 26-29, 2014 Florence-Italy, Published in *Reproductive Sciences*, Vol:21, No:3, Suppl, March 2014 (P398A-S-191).Shapiro J., Ozer G., **Guzeloglu-Kayisli O**., Kayisli UA, Huang J., Basar M., Schatz F., Lockwood CJ. Thrombin treated Human Endometrial Stromal Cells produce increased expression of several Extracellular Matrix Proteins identified by Secretome Mass Spectrometry Analysis Presented at 61st Annual Meeting of Society for Gynecologic Investigation, March 26-29, 2014 Florence-Italy, Published in *Reproductive Sciences*, Vol:21, No:3, Suppl, March 2014 (P411A-S-230).Uyar A., **Guzeloglu-Kayisli O**., Seli E. Embryonic Poly(A) Binding Protein (EPAB) is required for expression of cumulus cell markers of oocyte and embryo viability. Presented at 61st Annual Meeting of Society for Gynecologic Investigation, March 26-29, 2014 Florence-Italy, Published in *Reproductive Sciences*, Vol:21, No:3, Suppl, March 2014 (P415A-S-240). Kayisli UA., **Guzeloglu-Kayisli O.**, Semerci N., Buchwalder LF., Schatz F. and Lockwood CJ. ERK1/2 MAPK, but not COX-2, Mediates Interleukin (IL)-1β Decreased Progesterone Receptor Expression in Decidual Cells: A Potential Signaling Pathway that Triggers Functional Progesterone Withdrawal during Inflammation Induced Preterm Birth. Presented at 62ndAnnual Meeting of Society for Reproductive Investigation, March 25-28, 2015 San Francisco-CA, Published in *Reproductive Sciences*, Vol:22, No:1, Suppl, March 2015 (P104A, O-150).**Guzeloglu-Kayisli O.**, Kayisli UA., Semerci N., Buchwalder LF., Schatz F. and Lockwood CJ. Mediators of inflammation-induced preterm birth in term decidual cells are dominantly driven by IL-1β, but not TNF-α Presented at 62nd Annual Meeting of Society for Reproductive Investigation, March 25-28, 2015 San Francisco-CA, Published in *Reproductive Sciences*, Vol:22, No:1, Suppl, March 2015 (P237A, F-104).Semerci N., Basar M., **Guzeloglu-Kayisli O**., Schatz F., Kayisli UA., and Lockwood CJ. Whole Genome Analysis of Long-Acting Progestin Only Contraceptive Treated Vascular Smooth Muscle Cells Identifies Suppression of CCL2 mediated STAT1 signaling in Inducing Abnormal Uterine Bleeding. Presented at 62nd Annual Meeting of Society for Reproductive Investigation, March 25-28, 2015 San Francisco-CA, Published in *Reproductive Sciences*, Vol:22, No:1, Suppl, March 2015 (P113A, T-015).Shapiro JP., Kayisli UA., **Guzeloglu-Kayisli O.**, Semerci N., Ozer G., Huang J., Lockwood CJ., and Schatz F. Mass Spectrometry Analysis (MSA) of the Human Endometrial Stromal Cell (HESC) Secretome Identifies Chondroitin Sulfate Proteoglycan 4 (CSPG4), as a Long-acting Progestin-only Contraceptive (LAPC) Associated Biomarker. Presented at 62nd Annual Meeting of Society for Reproductive Investigation, March 25-28, 2015 San Francisco-CA, Published in *Reproductive Sciences*, Vol:22, No:1, Suppl, March 2015 (P113A, T-016).Tabak S, Semerci N, Uyar A, **Guzeloglu-Kayisli O**., Guller S, Schatz F, Lockwood CJ and Kayisli UA. Whole genome analysis identifies interleukin-6 mediated inhibition of interferon-induced 15 kDa protein (ISG15), an auto-inflammation suppressor protein in preeclamptic cytotrophoblasts. Presented at 62nd Annual Meeting of Society for Reproductive Investigation, March 25-28, 2015 San Francisco-CA, Published in *Reproductive Sciences*, Vol:22, No:1, Suppl, March 2015 (P193A, T-270).Lowther K., **Guzeloglu-Kayisli O**., Ilbay O., Uyar A., Mehlmann L., Seli E. EPAB is required during early stage of oocytes development for chromatin remodeling , transcriptional silencing, and acquisition of meiotic competence. Presented at 62nd Annual Meeting of Society for Reproductive Investigation, March 25-28, 2015 San Francisco-CA, Published in *Reproductive Sciences*, Vol:22, No:1, Suppl, March 2015 (P127A, T-059).Kayisli UA., Semerci N., Basar M., **Guzeloglu-Kayisli O**., Teal E.N., Schatz F. and Lockwood CJ. N-Half osteopontin mediates pLARC-induced abnormal uterine bleeding via neutrophil chemotaxis and activation. Presented at 63rd Annual Meeting of Society for Reproductive Investigation, March 16-19, 2016 Montreal-Canada, Published in *Reproductive Sciences*, Vol:22, No:1, Suppl, March 2016 (P326A, S-186).Sinkey R.G., Schatz F., Tsibris J., Semerci N., Larsen K., **Guzeloglu-Kayisli O**., Kayisli U.A., Lockwood C.J. Thrombin induction of colony stimulating factors in term decidual cells contributes to abruption induced preterm birth. Presented at 63th Annual Meeting of Society for Reproductive Investigation, March 16-19, 2016 Montreal-Canada, Published in Reproductive Sciences, Vol:22, No:1, Suppl, March 2016 (P210A, F-078).**Guzeloglu-Kayisli O.**, Kayisli U.A., Semerci N., Larsen K., Krishnan V., Mesiano S., Schatz F. and Lockwood CJ. Progesterone Receptor B inhibits IL-1β-induced inflammation in human term decidual cells. Presented at 63rd Annual Meeting of Society for Reproductive Investigation, March 16-19, 2016 Montreal-Canada, Published in *Reproductive Sciences*, Vol:22, No:1, Suppl, March 2016 (P211A, F-084).Beck S., Buhimschi IA., Summerfield R., **Guzeloglu-Kayisli O.,** Kayisli UA., Schatz F., Lockwood CJ., and Buhimschi CS. Myometrial and decidual toll-like receptor 9 (TLR9) and onset of human parturition. Presented at 37th Annual Pregnancy Meeting –Society for Maternal Fetal Medicine, January 23–28, 2017 Las Vegas, NV, Published in American *Journal of Obstetrics & Gynecology*, Vol 216, No:1, 2017 (P510, #893).Arlier S., **Guzeloglu-Kayisli O.**, Semerci N., Larsen K., Kayisli UA., Schatz F. and Lockwood CJ. Progestin-only contraceptives induce decidualization by enhancing ZBTB16 expression: implications for abnormal uterine bleeding. Presented at 64th Annual Meeting of Society for Reproductive Investigation, March 15-18, 2017 Orlando-FL, Published in Reproductive Sciences, Vol:24, No:1, Suppl, March 2017 (P89A, O-110).Semerci N., **Guzeloglu-Kayisli O**., Arlier S., Larsen K., Nwabuobi C., Schatz F., Odibo A., Lockwood CJ. and Kayisli UA. Inhibition of the auto-inflammation suppressor protein ISG15 triggers preeclampsia by blocking trophoblast migration and invasion. Presented at 64th Annual Meeting of Society for Reproductive Investigation, March 15-18, 2017 Orlando-FL, Published in **Reproductive Sciences**, Vol:24, No:1, Suppl, March 2017 (P99A, O-143). **Guzeloglu-Kayisli O**., Teal N., Semerci N., Larsen K., Arlier S., Sinkey R., Schatz F., Kayisli UA. and Lockwood CJ. Tumor necrosis factor-α and interferon-γ promote preeclampsia-related decidual inflammation by synergistically inducing decidual cell expressed inflammatory cytokines via STAT5 signaling. Presented at 64th Annual Meeting of Society for Reproductive Investigation, March 15-18, 2017 Orlando-FL, Published in *Reproductive Sciences*, Vol:24, No:1, Suppl, March 2017 (P107A, T-007).Semerci N., Krishan V., **Guzeloglu-Kayisli O**., Larsen K., Arlier S., Schatz F., Kayisli UA. and Lockwood CJ. Progesterone Receptor B blocks inflammation by increasing expression of IL1β inhibitory receptors, IL-1R2 and IL-1RN in human term decidual cells. Presented at 64th Annual Meeting of Society for Reproductive Investigation, March 15-18, 2017 Orlando-FL, Published in *Reproductive Sciences*, Vol:24, No:1, Suppl, March 2017 (P108A, T-011).Larsen K., Hardison RL., Justice SS., Schatz F., Arlier S., Semerci N., **Guzeloglu-Kayisli O.,** Lockwood CJ., and Kayisli UA. The Escherichia Coli Nissle 1917-based Probiotic (EcN) Promotes Anti-inflammation by Inhibiting Decidual Cell Expressed Pro-inflammatory Cytokines Presented at 64th Annual Meeting of Society for Reproductive Investigation, March 15-18, 2017 Orlando-FL, Published in *Reproductive Sciences*, Vol:24, No:1, Suppl, March 2017 (P111A, T-020).Arlier S., **Guzeloglu-Kayisli O.**, Semerci N., Larsen K., Tabak S., Schatz F., Odibo A., Lockwood CJ. and Kayisli UA. Inhibition of the auto-inflammation suppressor protein ISG15 blocks proliferation and induces inflammatory cytokine expression in trophoblasts; implications for preeclampsia. Presented at 64th Annual Meeting of Society for Reproductive Investigation, March 15-18, 2017 Orlando-FL, Published in *Reproductive Sciences*, Vol:24, No:1, Suppl, March 2017 (P221A, F-167).Huang J., Chen CP., Piao L., Schatz F., **Guzeloglu-Kayisli O.**, Kayisli UA., Shiu LY., Huang CY., Semerci N., and Lockwood C.J Decidual cell regulation of CX3CL1: Implications for the pathogenesis of preeclampsia. Presented at 64th Annual Meeting of Society for Reproductive Investigation, March 15-18, 2017 Orlando-FL, Published in *Reproductive Sciences*, Vol:24, No:1, Suppl, March 2017 (P287A, S-172). Sinkey R., Arlier S., Moore R., Schatz F., Semerci N., Nwabuobi C., Larsen K., **Guzeloglu-Kayisli O**., Kumar D., Moore J., Kayisli UA. and Lockwood CJ. “Thrombin-induced decidual CSF2 induces abruption-related preterm birth by weakening fetal membranes” Presented at 64 Annual Meeting of Society for Reproductive Investigation, March 15-18, 2017 Orlando-FL, Published in *Reproductive Sciences*, Vol:24, No:1, Suppl, March 2017 (P77A, O-072).**Guzeloglu-Kayisli O**., Kayisli UA. Schatz F., and Lockwood CJ. “Uterine Decidual Cells Express Molecules Required for ZIKV Cell Entry: Implications for Perinatal Infection” Presented in **ZIKA Research Symposium**, Florida Atlantic University, Oct 9, 2017. |  |
|  | **Guzeloglu-Kayisli O.,** Larsen K., Arlier S., Semerci N., Schatz F., Kayisli UA. and Lockwood CJ. “FKBP5 gene depletion prevents maternal stress-induced preterm birth and fetal growth restriction” Presented at **65th Annual Meeting of Society for Reproductive Investigation**, March 7-10, 2018 San Diego-CA, Published in Reproductive Sciences, Vol:25, No:1, Suppl, March 2018 (P83A, O-078).**Guzeloglu-Kayisli O.,** Larsen K., Arlier S., Semerci N., Schatz F., Kayisli UA. and Lockwood CJ. “Human decidual cells express proteins required for ZIKA virus cell entry and are permissive for ZIKV infection” Presented at **65th Annual Meeting of Society for Reproductive Investigation**, March 7-10, 2018 San Diego-CA, Published in Reproductive Sciences, Vol:25, No:1, Suppl, March 2018 (P106A, O-0148).Canfield C., Arlier S., Mong E., Lockhard J., VanWye J., **Guzeloglu-Kayisli O.,** Schatz F., Lockwood CJ., Tsibris J., Kayisli UA. and Totary-Jain H. “Hypoxia-mediated LIN28B downregulation contributes to preeclampsia pathogenesis by inhibiting trophoblast differentiation and inducing inflammation” Presented at **65th Annual Meeting of Society for Reproductive Investigation**, March 7-10, 2018 San Diego-CA, Published in Reproductive Sciences, Vol:25, No:1, Suppl, March 2018 (P95A, O-0115).Arlier S., Nwabuobi C., Semerci N., Elzein C., Larsen K., **Guzeloglu-Kayisli O.,** Schatz F., Kayisli UA. and Lockwood CJ. “Leptin signaling in human umbilical cord endothelial cells may contribute to preeclampsia-associated vasoconstriction by increasing endothelin-1 expression” Presented at **65th Annual Meeting of Society for Reproductive Investigation**, March 7-10, 2018 San Diego-CA, Published in Reproductive Sciences, Vol:25, No:1, Suppl, March 2018 (P170A, T-0183).**Ozlem Guzeloglu-Kayisli**, Xiaofang Guo, Nihan Semerci, Asli Ozmen, Kellie Larsen, Aayat Sabah, Frederick Schatz, Umit A. Kayisli, Charles J. Lockwood. "Tizoxanide Exerts Anti-Viral Effects by Inhibiting ZIKA Virus Replication in Infected-Human Endometrial Stromal Cells (HESCs), First Trimester (FTDCs) and Term Decidual Cells (TDCs): Implications in Preventing ZIKV Infection" Presented at **66th Annual Meeting of Society for Reproductive Investigation**, March 12-16, 2019 Paris-France, Published in Reproductive Sciences, Vol:26, No:1, Suppl, March 2019 (P98-99A, O-0103).Kellie Larsen, **Ozlem Guzeloglu-Kayisli**, Asli Ozmen, Nihan Semerci, Xiofang Guo, Frederick Schatz, Charles J. Lockwood and Umit A. Kayisli. "Maternal Restrained Stress Induces Preterm Birth (PTB) by a Glucocorticoid Independent Mechanism." Presented at **66th Annual Meeting of Society for Reproductive Investigation**, March 12-16, 2019 Paris-France, Published in Reproductive Sciences, Vol:26, No:1, Suppl, March 2019 (P110-111A, O-0138).**Ozlem Guzeloglu-Kayisli**, Asli Ozmen, Nihan Semerci, Kellie Larsen, Xiaofang Guo, Rachel Llewellyn, Joseph Huang, Frederick Schatz, Umit A. Kayisli, Charles J. Lockwood. "FKBP5 Gene Depletion Prevents Glucocorticoid- or Maternal Restrained Stress-Induced Fetal Growth Restriction (FGR) in Mice" Presented at **66th Annual Meeting of Society for Reproductive Investigation**, March 12-16, 2019 Paris-France, Published in Reproductive Sciences, Vol:26, No:1, Suppl, March 2019 (P210A, F-002).Xiaofang Guo, Umit A. Kayisli, Nihan Semerci, Asli Ozmen, Kellie Larsen, Shaheda Akter Urmi, Joseph Huang, Frederick Schatz, Charles Lockwood, **Ozlem Guzeloglu-Kayisli**. "Human Decidual Cells are Highly Permissive to ZIKA Virus Infection in a Trimester-Dependent Manner" Presented at **66th Annual Meeting of Society for Reproductive Investigation**, March 12-16, 2019 Paris-France, Published in Reproductive Sciences, Vol:26, No:1, Suppl, March 2019 (P297A, F-0263).Asli Ozmen, Chinedu Nwabuobi, **Ozlem Guzeloglu-Kayisli**, Frederick Schatz, Charles J. Lockwood and Umit A. Kayisli. "Comparison of Fetal and Maternal Macrophage Numbers in Normal and Preeclamptic Human Placentas." Presented at **66th Annual Meeting of Society for Reproductive Investigation**, March 12-16, 2019 Paris-France, Published in Reproductive Sciences, Vol:26, No:1, Suppl, March 2019 (P182A, T-0191).Chinedu Nwabuobi, Zhonghua Tang, Kellie Larsen, Asli Ozmen, **Ozlem Guzeloglu-Kayisli**, Frederick Schatz, Seth Guller, Umit A. Kayisli and Charles J. Lockwood. "Leptin-Induced Placental IL-8 and MCP-1 Production in Fetal Macrophages Contributes to the Pathogenesis of Preeclampsia." Presented at **66th Annual Meeting of Society for Reproductive Investigation**, March 12-16, 2019 Paris-France, Published in Reproductive Sciences, Vol:26, No:1, Suppl, March 2019 (P277A, F-0203).Bradley H. Sipe, Rachel G. Sprague, **Ozlem Guzeloglu-Kayisli**, Lynn Buchwalder, Frederick Schatz, Umit A. Kayisli, Charles J. Lockwood. "Synergistic Upregulation of IP-10 and ITAC Expressions by LPS + IFNγ in Human First Trimester Decidual Cells May Presage Preeclampsia." Presented at **66th Annual Meeting of Society for Reproductive Investigation**, March 12-16, 2019 Paris-France, Published in Reproductive Sciences, Vol:26, No:1, Suppl, March 2019 (P186A, T-0205).Aayat Sabah, **Ozlem Guzeloglu-Kayisli**, Xiafang Guo, Nihan Semerci, Kellie Larsen, Frederick Schatz, Umit A. Kayisli, Charles J. Lockwood. "Human Decidual Cells are Highly Permissive to ZIKA Virus Infection in a Trimester-Dependent Manner" Presented at **USF Research Day**, Feb 22, 2019 Tampa-FL.  |  |
| **Other Research and Creative Achievements** |  |
|  | Patent:Patent# USF Ref. No.: 15A037PRWO\_Lockwood “Use of CCL2 to inhibit abnormal uterine bleeding” |  |
|  | Patent# USF Ref. No.: 17A001PR\_Lockwood “ Prevention of preterm birth by inhibition of FKBP51”Other Research Training Activities: |  |
|  | Practical Course in siRNA Gene Knockdown Technology in Human Embryonic Stem Cells Training, New Haven-CT. | 10/12-18/2009  |
|  |  | 6/26-7/3/ 1999 |
|  | EMBO Practical Course in Bioinformatics: from genome sequences to protein structure’, Uppsala- Sweden.  |  |
|  |  |  |
|  | Training Course in Prenatal Diagnosis of Beta Thalassemia on Molecular Level. Cukurova University, Faculty of Medicine, Department of Biochemistry and Molecular Biology, Adana–Turkey. | 412-17/1999 |
|  |  |  |
|  | 52nd NATO Course on Peptidigeric G-coupled protein receptors; from applications to clinical, Erice-Italy. | 5/14-24/1998 |
|  |  |  |
|  | TUBITAK Molecular Course on DNA Techniques, Cukurova University, Faculty of Medicine, Department of Biochemistry and Molecular Biology, Adana–Turkey. | 6/16-20/1997 |
|  | Ultrastructural Immunocytochemistry Techniques and Applications Course, Istanbul University, Cerrahpasa Medical Faculty, Department of Medical Biology and Genetics, Istanbul-Turkey. | 6/10-12/1996 |
|  |  |  |
|  | FISH Techniques and Applications Course, Osmangazi University, GENTAM, Eskisehir-Turkey. | 5/13-17/1996 |
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|  | Academic Activities: |
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|  |  |  |
|  | 66th Annual Meeting of Society for Reproductive Investigation, Paris-France. | 3/12-16/2019 |
|  | 65th Annual Meeting of Society for Reproductive Investigation, San Diego-CA. | 3/7-10/2018 |
|  | 64th Annual Meeting of Society for Reproductive Investigation, Orlando-FL. | 3/15-18/2017 |
|  | ZIKA Research Symposium, Florida Atlantic University, FL | 10/9/2017 |
|  | 63rd Annual Meeting of Society for Reproductive Investigation, Montreal-Canada. | 3/16-19/2016 |
|  | 62nd Annual Meeting of Society for Reproductive Investigation, San Francisco-CA | 3/25-28/2015 |
|  |  |  |
|  | 61stAnnual Meeting of Society for Gynecologic Investigation, Florence-Italy. | 3/26-29/2014 |
|  |  |  |
|  | 60th Annual Meeting of Society for Gynecologic Investigation, Orlando-FL. | 3/20-24/2013 |
|  | 67th Annual Meeting of American Society for Reproductive Medicine Orlando-FL | 10/15-19/2011 |
|  |  |  |
|  | 42nd Annual Meeting of the Society for the Study of Reproduction, Pittsburg-PA | 718-22/2009 |
|  |  |  |
|  | 55th Annual Meeting of Society for Gynecologic Investigation, San Diego-CA. | 3/26-29/2008 |
|  | The Frontiers in Molecular and Cellular Biology in Reproduction and Clinical Implications, Antalya-Turkey | 10/22-11/3/2007 |
|  |  |  |
|  | 54th Annual Meeting of Society for Gynecologic Investigation, Reno-NV. | 3/14-17/2007 |
|  | 14th European Human Genetics Conference, Prague-Czech Republic. | 5/7-10/2005 |
|  | Congress of Fetal Medicine: Prenatal Diagnosis, Antalya-Turkey. | 4/30-5/2/2005 |
|  | Congress of Molecular Medicine, Istanbul-Turkey. | 4/16-19/2005 |
|  | 4th National Congress of Prenatal Diagnosis and Medical Genetics, Antalya-Turkey. | 4/21-24/2004 |
|  |  |  |
|  | 8th National Congress of Medical Biology, Adana, Turkey. | 10/14-17/2003 |
|  | 49th Annual Meeting of Society for Gynecologic Investigation, LA-USA. | 3/20-23/2002 |
|  | 10th International Congress of Human Genetics, Vienna- Austria | 5/15-19/2001 |
|  | 4th National Congress of Prenatal Diagnosis and Molecular Genetics, Izmir–Turkey. | 5/3-6/2000 |
|  |  |  |
|  | 1st International Summer School on Thalassemia, Antalya-Turkey. | 4/22-26/2000 |
|  | 31stAnnual Meeting of the European Society of Human GeneticsGeneva- Switzerland. | 5/29-6/11/1999 |
|  |  |  |
|  | European Linkage Symposium ‘exploring the genetics of complex disorders’, Geneva- Switzerland | 5/28-29/1999 |
|  |  |  |
|  | 1st National Hemoglobinopathy Congress, Antalya-Turkey. | 2/25-26/1999 |
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| **Service** university, hospital/profesion, scientific meetings, community service, society memberships, professional or scientific, international, national, regional, local, editorial positions |
|  | Service: |  |
|  | Member, Scientific Review Committee, Department of Obstetrics & Gynecology, University of South Florida, Tampa-FL | 2017-present |
|  | Scientific Reviewer Committee, University of South Florida, Research Day, Tampa-FL | Feb 22, 2019 |
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|  | Ad Hoc Reviewer: Human ReproductionHuman FertilityReproduction, Fertility and DevelopmentMolecular Human ReproductionEuropean Journal of Obstetrics & Gynecology and Reproductive BiologyReproductive BioMedicine OnlineReproductive ScienceJ Clinical Endocrinology and Metabolism |  |
|  | Society Membership: |  |
|  | Society of Turkish Biochemistry  | 1997-Present |
|  | Society of Turkish Genetic | 2000-Present |
|  | Akdeniz University Social Assistance and Solidarity Foundation | 1999-2004 |
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