

Meeting Highlights**The Challenge of Maternal Mortality**

University of Iowa Obstetrics and Gynecology Postgraduate Virtual Conference
November 20, 2020

Poster Presentations

Correlation of Immunohistochemistry with TP53 Sequence and Clinical Outcomes in GOG-086P Kristina W. Thiel,¹ Eric J. Devor,¹ Virginia Filiaci,² Douglas A. Levine,³ Fanny Dao,³ Narciso Olvera,³ David Mutch,⁴ Carol Aghajanian,⁵ Kimberly K. Leslie¹

The PDGFR and STAT Pathways are Potential Therapeutic Targets to Treat Endometrial Cancer Kimberly K. Leslie,¹ Stephanie M. Leiva,¹ Yuping Zhang,¹ Kristina W. Thiel¹

SSRIs and Vasopressin: An Intersection of Depression & Preeclampsia Julie A. Vignato,⁶ Sabrina M. Scroggins,¹ Wendy S. Hamilton,¹ Kellie M. Thomas,¹ Debra Brandt,¹ Donna A. Santillan,¹ Mark K. Santillan¹

Knock out of RGS2 specifically in CD4+ T Cells prevents ANG II induced hypertension Sabrina M. Scroggins,¹ Gabrielle Gray,¹ Monica C. Myers,¹ Sarah N Miller,⁷ Pablo Nakagawa,⁸ Donna A. Santillan,¹ Justin L. Grobe,⁹ Mark K. Santillan¹

Position Effects on Blood Pressure Measurement during Pregnancy Debra S. Brandt,¹ April B. Prunty,⁶ Daniel M. Zagoren,⁶ Madeline E. Holm,¹ Molly S. Brennan,⁶ Maria Werner-Anderson,⁶ Jesse M. Weiss,¹ Michaela R. Wiltgen,⁶ Shannon M. James,⁶ Stephanie H. Gilbertson-White,⁶ Monica C. Myers,¹ Amy N. Sanborn,¹⁰ Sabrina M. Scroggins,¹ Joseph C. Spring,¹¹ Heath A. Davis,¹¹ Mark M. Santillan,¹ Donna A. Santillan¹

SNP rs1982 in the 3'UTR of PLAC1 is associated with endometrial cancer survival Eric J. Devor,¹ Donghai Dai,¹ Jesus Gonzalez Bosquet,¹ Kimberly K. Leslie¹

Anti-angiogenic tyrosine kinase inhibitor cediranib is superior to bevacizumab in endo cancer due to differential effects on cell cycle regulation Jianling Bi,¹ Andreea M. Newton,¹ Eric J. Devor,¹ Yuping Zhang,¹ Kristina W. Thiel,¹ Kimberly K. Leslie¹

Characterization of Patient-Derived Xenograft Models of Endometrial Cancer Yuping Zhang,¹ Eric J. Devor,¹ Donghai Dai,¹ Jesus Gonzalez Bosquet,¹ Kristina W. Thiel,¹ Kimberly K. Leslie¹

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Sex-dependent impacts of a vasopressin model of preeclampsia on neurodevelopment and behavior in mouse offspring Serena Banu Gumusoglu,¹² Akanksha Sri SatyaChilukuri,¹² Benjamin Wen Qing Hing,¹² Salma Haider,⁷ Sabrina M. Scroggins,¹ Jeremy A. Sandgren,¹³ Mark M. Santillan,¹ Donna A. Santillan,¹ Justin L. Grobe,⁹ Hanna E. Stevens¹²

Pregnancy Complications in the Super Morbidly Obese Catalina Mulanax,¹⁴ Mark M. Santillan,¹ Donna A. Santillan¹

Prediction of chemo-response for serous ovarian cancer using DNA methylation patterns for deep machine learning (AI) Douglas Russo,¹ Nicholas D Cardillo,¹ Andreea M. Newtonson,¹ Henry D.Reyes,¹⁵ Silvana Pedra Nobre,¹ Megan E. McDonald,¹ David P. Bender,¹ Michael J. Goodheart,¹ Eric J. Devor,¹ Jesus Gonzalez Bosquet¹

Oocyte maturity as a predictor of IVF outcome Michelle Krohn,¹ Karen M. Summers,¹ Amy E. T. Sparks,¹ Bradley J. Van Voorhis¹