

Meeting Highlights

Unique Considerations for OB/Gyn Care in Special Populations

*University of Iowa Obstetrics and Gynecology Postgraduate Conference
Hilton Garden Inn, Iowa City, IA.
November 3, 2023*

Poster Presentations

Determining tropism and entry mechanisms of Ebola virus in placental tissues. Hanora A M Van Ert,¹ Ethan M. Kardin,¹ Kelly Messingham,² Mark K. Santillan,³ Wendy Maury.¹

Identification of early biomarkers of gestational diabetes. Meghan L. Funk,³ Kaylee Weaver,³ Wendy Hamilton,³ Ashlyn Kenney,³ Mark K. Santillan,³ Donna A. Santillan.³

Arginine vasopressin infusion is sufficient to cause pregnancy-specific hypertrophy. Brandon M. Schickling,³ Serena Gumusoglu,³ Donna A. Santillan,³ Mark K. Santillan.³

Predictors of response to progesterone therapy in premenopausal women with endometrial intraepithelial neoplasia. Rachel E. Watson,³ Emily Riba,⁴ Bradley T. Loeffler,⁵ Sarah L. Mott,⁵ Emily K. Hill.⁶

A conceptual framework for alternative payment models in maternity care. Lastascia Coleman.³

Aspirin decreases triglycerides in the development of preeclampsia. Kelsey Blocklinger,⁴ Tarynne Kinghorn,⁴ Kaylee

Weaver,³ Ashlyn Kenney,³ Wendy Hamilton,³ Sydney Pearl,³ Meghan Funk,³ Dane Sweezer,³ Alexis Faudel,³ Sophia Schnoebelen,³ Amy Stroud,³ Stephen K. Hunter,³ Gary Pierce,⁷ Heath A. Davis,⁸ Boyd Knosp,⁴ Debra Brandt,³ Mark K. Santillan,³ Donna A. Santillan.³

Umbilical cord drug testing and associations of positive results with PHQ-9 scores. Abby Davison,⁴ Abbey Hardy-Fairbanks, MD.³

Blood brain barrier function and cerebral dysangiogenesis in the RGS2 KO mouse model of psychobobstetric risk. Mimi Roberts,³ Serena Banu Gumusoglu,³ Michalea Kiel,⁴ Brandon Schickling,³ Kaylie Coulter,³ Yuping Zhang,³ Donna A. Santillan,³ Mark K. Santillan,³

Emergency department utilization during pregnancy: a comparison of publicly versus privately insured patients. Victoria Cunningham,⁴ Mark K. Santillan,³ Elijah Reische,⁴ Kelsey Blocklinger,⁴ Elissa Faro,⁹ Heath A. Davis,⁸ Boyd Knosp,⁴ Stephen K. Hunter,³ Donna A. Santillan.³

Extracellular vesicle miRNAs at the maternal-fetal interface may instruct the pathogenesis of neurodevelopmental disorders.

Serena Gumusoglu,³ Eric Devor,³ Donna A. Santillan,³ Mark K. Santillan.³

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SSRI use in pregnancy rescues postpartum cognitive dysfunction after pregnancy in a mouse model for the study of preeclampsia.

Brianna Blaine,⁴ Serena Banu Gumugoglu,³ Aimee Bertolli,¹⁰ Matthew Weber,¹¹ Mushroom Kamal,³ Mimi Roberts,³ Kaylee Weaver,³ Brandon Schickling,³ Marisol Lauffer,¹¹ Yuping Zhang,³ Donna A. Santillan,³ Georgina Aldridge,¹⁰ Mark K. Santillan.³

Effects of sedentary activity in pregnancy.

Donna A. Santillan,³ Kelsey Blocklinger,³ Emily Leibold,³ Debra Brandt,³ Virginia Nuckols,³ Amy Stroud,¹² Lyndsey E. Dubose,⁹ Rachel Luehrs,⁷ Alexandria Betz,⁷ Gary L. Pierce,⁷ Mark K. Santillan.³

Platelet-rich plasma injection for the treatment of stress urinary incontinence in females: preliminary results from a randomized control trial.

Hannah Nakatsuka,⁴ Elizabeth Takacs,¹³ Karl Kreider,¹³ Joseph Kowalski,³ Kimberly Kenne,³ Catherine Bradley,³ Leah Ashton,¹³ Colin Johnson,³ Annah Vollstedt.¹³