

**Donna A. Santillan, PhD**

**Articles:**

Santillan DA, Rai KK, Santillan MK, Krishnamachari Y, Salem AK, Hunter SK. Efficacy of polymeric encapsulated C5a peptidase-based group B streptococcus vaccines in a murine model. *Am J Obstet Gynecol.* 2011 Sep;205(3):249.e1-8. Epub 2011 Jun 15. PubMed PMID: 21802065; PubMed Central PMCID: PMC3213321. <http://dx.doi.org/10.1016/j.ajog.2011.06.024>

Kitzman JO, Snyder MW, Ventura M, Lewis AP, Qiu R, Simmons LE, Gammill HS, Rubens CE, Santillan DA, Murray JC, Tabor HK, Bamshad MJ, Eichler EE, Shendure J. Noninvasive whole-genome sequencing of a human fetus. *Sci Transl Med.* 2012 Jun 6;4(137):137ra76. PubMed PMID: 22674554; PubMed Central PMCID: PMC3379884. DOI: 10.1126/scitranslmed.3004323

Santillan M, Santillan D, Fleener D, Stegmann B, Zamba G, Hunter S, Yankowitz J. Single Umbilical Artery: Does Side Matter? *Fetal Diagn Ther.* 2012 Jun 1. [Epub ahead of print] PubMed PMID: 22678110. <http://dx.doi.org/10.1159/000338133>

Kyser KL, Lu X, Santillan DA, Santillan MK, Hunter SK, Cahill AG, Cram P. The association between hospital obstetrical volume and maternal postpartum complications. *Am J Obstet Gynecol.* 2012 Jul;207(1):42.e1-42.e17. Epub 2012 May 16. PubMed PMID: 22727347. <http://dx.doi.org/10.1016/j.ajog.2012.05.010>

**Abstracts:**

Schultz K, Stegmann B, Santillan M, Santillan D, Smith E, Van Voorhis B. Anti-Müllerian Hormone concentration levels in maternal plasma during the first, second and third trimester of pregnancy. *Proc Obstet Gynecol.* 2012 May 15;2(3):Article 2 [2 p.]. Available from: <http://ir.uiowa.edu/pog/vol2/iss3/2>. Free full text article.

Empey R, Santillan DA, Santillan M, Tyler EM, Hunter SK, Smith EM, Stegmann BJ. The influence of fetal sex on patterns of change in anti-Müllerian hormone during pregnancy. *Proc Obstet Gynecol.* 2012 May 15;2(3):Article 4 [2 p.]. Available from: <http://ir.uiowa.edu/pog/vol2/iss3/4>. Free full text article.

Santillan MK, Raghuraman N, Naruko-Stewart K, Cooper K, Santillan DA, Greiner A. "The potential Role of Diuresis Criteria in Postpartum Magnesium Management of Mild and Severe Preeclampsia" Poster Presentation at SMFM 32nd Annual Scientific Meeting Dallas, TX February 2012.

Santillan MK, Pelham C, Ketsawtsomkron P, Santillan DA, Yang B, Hunter SK, Sigmund C. "Chronic Indoleamine 2,3 Dioxygenase (IDO) Deficiency: A Novel Immunologic Murine Model of Preeclampsia" Poster Presentation at Society for Gynecologic Investigation 59th Annual Meeting San Diego, CA March 2012.

**Scholarly Publications**  
**Department of Obstetrics and Gynecology**  
**University of Iowa, Iowa City, IA**

*Santillan DA*

Santillan MK, Santillan DA, Hamilton WS, Rayburn W, Hunter SK, Leslie KL. "The Th1 versus Th2 Cytokine Milieu in Control and Preeclamptic Pregnancies: A Second Trimester Predictor of Preeclampsia?" Poster Presentation at Society for Gynecologic Investigation 59th Annual Meeting San Diego, CA March 2012.

Santillan DA, Leslie KK, Sweezer E, Hamilton W, Empey R, Tyler E, Rushing J, Stegmann BJ, Hunter SK, Santillan MK. "Development of a Maternal Fetal Tissue Bank: An Investment in Maternal and Fetal Health Research" Poster Presentation at Society for Gynecologic Investigation 59th Annual Meeting San Diego, CA March 2012.

Santillan DA, Hamilton W, Santillan MK, Hunter SK. "Determining the Effect of Preeclampsia on Growth and Differentiation Potential of Umbilical Cord Blood Hematopoietic Stem Cells" Poster Presentation at Society for Gynecologic Investigation 59th Annual Meeting San Diego, CA March 2012.