

Mark K. Santillan, MD

Articles:

Santillan DA, Santillan MK, Hunter SK. Cell encapsulation as a potential nondietary therapy for maternal phenylketonuria. *Am J Obstet Gynecol.* 2009 Sep;201(3):289.e1-6. Epub 2009 Jul 24.

Santillan MK, Santillan DA, Sigmund CD, Hunter SK. From molecules to medicine: A future cure for preeclampsia? *Drug News Perspect.* 2009 Nov;22(9):531-41.

Book Chapters:

Santillan M, Yankowitz J. Fetal effects of drugs commonly used in critical care. *Critical Care Obstetrics*, 5th Edition Eds. Dildy GA, Belfort MA, Saade GR, Phelan JP, Hankins GDV, Clark SL (In press 2010)

Abstracts:

Santillan, M., Besinger, R., Gianopoulos, J., Mittendorf, R. An inverse correlation between umbilical cord blood ionized magnesium (iMg) and interleukin-6 (IL-6) levels could not be confirmed in the human. SMFM 26th Annual Scientific Meeting Miami, FL January 2006 *American Journal of Obstetrics and Gynecology* December 2005 (Vol. 193, Issue 6 (Supplement), Page S183).

Mittendorf, R., Besinger, R., Santillan, M., Gianopoulos, J. When used in preterm labor, is there a paradoxical effect of varying exposures to magnesium sulfate (MgSO₄) on the developing human brain? SMFM 26th Annual Scientific Meeting Miami, FL January 2006 *American Journal of Obstetrics and Gynecology* December 2005 (Vol. 193, Issue 6 (Supplement), Page S65).

Bell Mixer, K., Abrams, R., Besinger, R., Gianopoulos, J., Santillan, M., Mittendorf, R. Prolonged use of prophylactic, intravenous (IV) antibiotics for preterm premature rupture of the membranes (PPROM) does not appear to enhance sterilization of the chorioamnion space. SMFM 26th Annual Scientific Meeting Miami, FL January 2006 *American Journal of Obstetrics and Gynecology* December 2005 (Vol. 193, Issue 6 (Supplement), Page S185).

Koh, M., Santillan, M., Besinger, R., Meeuwssen, A., Mittendorf, R., Malee, M., Gianopoulos, J., Valdez, T., Mestri, R. Heat shock protein (HSP) 60 and anti-hsp 60 in sera of gravid women and their relation to preeclampsia (PE). SMFM 26th Annual Scientific Meeting Miami, FL January 2006 *American Journal of Obstetrics and Gynecology* December 2005 (Vol. 193, Issue 6 (Supplement), Page S74)

Santillan, M., Koh, M., Mittendorf, R., Gianopoulos, J., Besinger, R., Mestri, R. Decreased detection of Heat Shock Protein 60 (HSP60) in cord blood sera is associated with preeclamptic pregnancies. SMFM 27th Annual Scientific Meeting San Francisco, CA February 2007 American Journal of Obstetrics and Gynecology December 2006 (Vol. 195, Issue 6 (Supplement), Page S141)

Abrams R., Bell Mixer K., Pryde P., Santillan M., Gianopoulos J., Muraskas J., Besinger R., Mittendorf R. Prolonged usage of prophylactic intravenous (IV) antibiotics (ABX) for preterm premature rupture of the membranes (PPROM) may be associated with fetal inflammatory response syndrome (FIRS). SMFM 27th Annual Scientific Meeting San Francisco, CA February 2007 American Journal of Obstetrics and Gynecology December 2006 (Vol. 195, Issue 6 (Supplement), Page S195)

Santillan M., Santillan D., Gianopoulos J., Mestri R., Koh M. HSP60 and anti-HSP60 antibody are associated with intrapartum infection in preeclamptic mothers. SMFM 28th Annual Scientific Meeting Dallas, TX February 2008. American Journal of Obstetrics & Gynecology December 2006 (Vol. 195, Issue 6, Page S141)

Santillan M., Santillan D., Fleener D., Hunter S., Yankowitz J. Single Umbilical Artery: Does SIDE Matter? SMFM 28th Annual Scientific Meeting Dallas, TX February 2008. American Journal of Obstetrics & Gynecology December 2007 (Vol. 197, Issue 6, Page S56)

Santillan D., Santillan M., Hunter S. Development of a Novel Non-Dietary Therapy for Maternal Phenylketonuria. SMFM 28th Annual Scientific Meeting Dallas, TX February 2008. American Journal of Obstetrics & Gynecology December 2007 (Vol. 197, Issue 6, Page S118)

Santillan M., Santillan D., Sigmund C. Hunter S.IDO and sFLT-1: A Potential Molecular Link Between the Immune System and Preeclampsia. Accepted for Poster presentation at SMFM 29th Annual Scientific Meeting San Diego, CA January 2009. American Journal of Obstetrics and Gynecology, Volume 199, Issue 6, Pages S83-S83

Santillan M., Pelham C., Ketsawatsomkron P., Santillan D., Yang B., Hunter S., Sigmund C. Development and Characterization of an Indoleamine 2,3-Dioxygenase (IDO) Deficient Mouse Model of Preeclampsia. Accepted for Poster presentation at SMFM 30th Annual Scientific Meeting Chicago, IL February 2010. American Journal of Obstetrics & Gynecology December 2009 (Vol. 201, Issue 6, Page S276).

Scholarly Publications

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

Santillan MK