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GRANTS RECEIVED

Funding Source	Project Title	Role	Dates
Unrestricted educational grant from Adeza Biomedical; Funding \$2,500	'Blind' vaginal fetal fibronectin as a predictor of spontaneous preterm birth: a novel sampling technique	PI	2/04 – 2/05
ACOG Ortho-McNeil Academic Training Fellowship; Funding \$30,000	Omega-3 fatty acids and the prevention of preterm birth: the effect on the fetal membranes	PI	7/05-6/06

PUBLICATIONS

Original Contributions

1. **Roman AS**, Rebarber A, Sfakianaki AK, Mulholland J, Saltzman D, Paidas MJ, Minior V, Lockwood CJ. Vaginal fetal fibronectin as a predictor of spontaneous preterm birth in the patient with cervical cerclage. *Am J Obstet Gynecol* 2003;189:1368-73.
2. **Roman AS**, Rebarber A, Lipkind H, Mulholland J, Minior V, Roshan D. Fetal fibronectin as a predictor of spontaneous preterm delivery after multifetal pregnancy reduction. *Am J Obstet Gynecol* 2004;190:142-6.
3. Young BK, **Roman AS**, MacKenzie AP, Stephenson CD, Minior V, Rebarber A, Timor-Tritsch I. The closure of iatrogenic membrane defects after amniocentesis and endoscopic intrauterine procedures. *Fetal Diagn Ther* 2004;19:296-300.
4. **Roman AS**, Tabsh KM. Myomectomy at time of cesarean delivery: a retrospective cohort study. *BMC Pregnancy Childbirth* 2004;4:14.
5. Rebarber A, **Roman AS**, Roshan D, Blei F. Obstetrical management of Klippel-Trenaunay Syndrome. *Obstet Gynecol* 2004;104:1205-8.
6. Young BK, MacKenzie AP, **Roman AS**, Stephenson CD, Minior V, Rebarber A, Timor-Tritsch I. Endoscopic closure of fetal membrane defects: comparing iatrogenic versus spontaneous rupture cases. *J Matern Fetal Neonatal Med* 2004;235-40.
7. **Roman AS**, Koklanaris N, Roshan D, Paidas MJ, Mulholland J, Levitz M, Rebarber A. "Blind" vaginal fetal fibronectin as a predictor of spontaneous preterm birth. *Obstet Gynecol* 2005;105:285-9.
8. **Roman AS**, Rebarber A, Pereira L, Sfakianaki AK, Mulholland J, Berghella V. The efficacy of ultrasound indicated cerclage in multiple gestations. *J Ultrasound Med* 2005;24:763-8.
9. Rebarber A, **Roman AS**, Iswan N, Rhea D, Stanziano G. Prophylactic cerclage in the management of triplet pregnancies. *Am J Obstet Gynecol* 2005;193:1193-6.
10. Koklanaris N, **Roman AS**, Perle MA, Monteagudo A. Isolated echogenic intracardiac foci in patients with low-risk triple screen results: assessing the risk of trisomy 21. *J Perinat Med* 2005;33:539-42.

11. Young BK, Stephenson CD, Mackenzie AP, **Roman AS**, Rebarber A, Minior VK, Mayberry P, Timor-Tritsch IE. 2D and 3D ultrasound guided endoscopic umbilical cord occlusion with bipolar cautery in twin and triplet monochorionic gestations. *J Perinat Med* 2005;33:530-3.
12. **Roman AS**, Schreher J, MacKenzie AP, Nathanielsz PW. Omega-3 fatty acids and decidual cell prostaglandin production in response to the inflammatory cytokine IL-1 β . *Am J Obstet Gynecol* 2006;195:1693-9.
13. Lee MJ, **Roman AS**, Lusskin S, Chen D, Dulay A, Funai EF, Monteagudo A. Maternal Anxiety and Ultrasound Markers for Aneuploidy in a Multiethnic Population. *Prenat Diagn* 2007;27:40-5.
14. Keeler SM, **Roman AS**, Coletta JM, Kiefer DG, Feuerman M, Rust OA. Fetal fibronectin testing in patients with short cervix in the midtrimester: Can it identify optimal candidates for ultrasound-indicated cerclage? *Am J Obstet Gynecol* 2009;158:e1-6.
15. Fox NS, Rebarber A, **Roman AS**, Klauser CK, Peress D, Saltzman DS. Weight gain in twin pregnancies and adverse outcomes: examining the 2009 Institute of Medicine guidelines. *Obstet Gynecol* 2010. (*in press*)
16. **Roman AS**, Fishman S, Fox N, Klauser C, Saltzman D, Rebarber A. Maternal and neonatal outcomes after delayed interval delivery of multifetal pregnancies. *Am J Perinatol* 2010. (*in press*)

Other Peer Reviewed Publications

1. **Roman AS**, Monteagudo A, Timor-Tritsch I, Rebarber A. First trimester diagnosis of sacrococcygeal teratoma: the role of three-dimensional ultrasound. *Ultrasound Obstet Gynecol* 2004;23:612-4.
2. Monteagudo A, **Roman AS**. Ultrasound in multiple gestations: twins and other multifetal pregnancies. *Clin Perinatol* 2005;32:329-54.
3. Sinha S, **Roman AS**, Cayne N, Rebarber A. Postpartum ovarian vein thrombosis: the use of a retrievable inferior vena cava filter as a primary therapeutic intervention. *J Reprod Med* 2008;53:135-7.

Invited Contributions

1. **Roman AS**, Rebarber A. Cover story: Seven ways to control postpartum hemorrhage. *Contemporary Ob Gyn* 2003;3:34-53.
2. Masch R, **Roman AS**. New approaches to first trimester pregnancy termination. *Contemporary Ob Gyn* 2005;50:66-75.
3. **Roman AS**. Alternative Techniques for Cervicovaginal Fetal Fibronectin Sampling. In: *Preterm Birth and Fetal Fibronectin Compendium*, CME Material. Omnia Education 2006.
4. Rebarber A, Al-Khan A, Hwang JK, **Roman AS**, Stettler RW. Prevention of recurrent preterm birth. Practical strategies: a roundtable discussion. *OBG Management* 2007 (Jan).

Books and Book Chapters

1. **Roman AS**, Pernoll ML. Late Pregnancy Complications. In: *Current Obstetric and Gynecologic Diagnosis and Treatment*, 9th edition, A. DeCherney, Ed., 286-300.
2. **Roman AS**. Prenatal screening for genetic disease in the Ashkenazi Jewish population. In : *UpToDate*, Rose, BD (Ed), *UpToDate*, Wellesley, MA, 2005.

3. **Roman AS**, Pernoll ML. Late Pregnancy Complications, In: Current Obstetric and Gynecologic Diagnosis and Treatment, 10th edition, A. DeCherney, Ed, 273-287.
4. Kiefer D and **Roman AS**. Clinical management of puerperal hematomas incurred as a result of vaginal delivery. In : UpToDate, Rose, BD (Ed), UpToDate, Wellesley, MA, 2007.

Non-Peer Reviewed Publications

1. **Roman AS**. The Bump Website: Weekly Q+A column as expert obstetrician.
2. **Roman AS**, Faculty Reviewer for: Lee C and Miller E. Deja Review: Obstetrics and Gynecology. First Edition. McGraw Hill 2007.

Abstracts

1. **Smith AC**, Tabsh K. Myomectomy at time of cesarean section. 22nd annual meeting of the Society of Maternal-Fetal Medicine, New Orleans, LA, January 16-19, 2002.
2. Young BK, Timor-Tritsch I, Rebarber A, **Roman AS**, Gillen-Goldstein J. Wound closure after endoscopic intrauterine procedures. 23rd annual meeting of the Society of Maternal-Fetal Medicine, San Francisco, CA, February 5-8, 2003.
3. **Roman AS**, Rebarber A, Sfakianaki AK, Mulholland J, Saltzman D, Paidas MJ, Minior V, Lockwood CJ. Fetal fibronectin as a predictor of spontaneous preterm birth in the patient with cervical cerclage. New York Obstetrical Society Residents and Fellows Meeting, New York, NY; April 8, 2003.
4. Minior V, **Roman AS**, Stephenson C, MacKenzie A, Young BK. Endoscopic membrane closure after previable PPROM. New York Obstetrical Society Residents and Fellows Meeting, New York, NY; April 8, 2003.
5. **Roman AS**, Rebarber A, Sfakianaki AK, Mulholland J, Paidas M, Saltzman D, Roshan D, Monteagudo A. The efficacy of ultrasound indicated modified Shirodkar cerclage in multiple gestations. New York Perinatal Society 26th Annual Scientific Meeting, New York, NY; May 20, 2003. (*Oral presentation*)
6. **Roman AS**, Rebarber A, Sfakianaki AK, Mulholland J, Paidas M, Saltzman D, Roshan D, Monteagudo A. The efficacy of ultrasound indicated modified Shirodkar cerclage in twin gestations. 10th Congress of the World Federation for Ultrasound in Medicine and Biology/American Institute of Ultrasound in Medicine, Montreal, Canada; June 1, 2003.
7. Rebarber A, **Roman AS**, Sfakianaki AK, Mulholland J, Paidas M, Saltzman D, Roshan D, Monteagudo A. The efficacy of ultrasound indicated modified Shirodkar cerclage in triplet gestations. 10th Congress of the World Federation for Ultrasound in Medicine and Biology/American Institute of Ultrasound in Medicine, Montreal, Canada; June 4, 2003. (*Oral presentation*)
8. **Roman AS**, Rebarber A, Istwan N, Rhea D, Stanziano G. Clinical and demographic factors associated with spontaneous preterm delivery in twin pregnancies diagnosed with preterm labor at <34 weeks. Am J Obstet Gynecol 2003; 189(6) suppl: S123.
9. Rebarber A, **Roman AS**, Saltzman D, Mulholland J, Bender S, Koklanaris N, Roshan D. The impact of cervical cerclage on labor morbidity. Am J Obstet Gynecol 2003; 189(6) suppl: S209.
10. Young BK, Stephenson CD, Rebarber A, **Roman AS**, MacKenzie AP, Minior V, Koklanaris N, Mulholland J, Timor-Tritsch IE. 2D and 3D ultrasound-guided endoscopic umbilical cord ligation

- with bipolar cautery in twin and triplet monochorionic gestations. *Am J Obstet Gynecol* 2003; 189(6) suppl: S225.
11. Young BK, Stephenson CD, Rebarber A, **Roman AS**, MacKenzie AP, Minior V, Koklanaris N, Mulholland J, Timor-Tritsch IE. 2D and 3D ultrasound-guided endoscopic umbilical cord ligation with bipolar cautery in twin and triplet monochorionic gestations. International Fetal Medicine and Surgery Society Annual Meeting; March 2004. (*Oral presentation*)
 12. Young BK, **Roman AS**, MacKenzie AP, Stephenson CD, Minior V, Rebarber A, Timor-Tritsch I. The closure of iatrogenic membrane defects after amniocentesis and endoscopic intrauterine procedures. International Fetal Medicine and Surgery Society Annual Meeting; March 2004. (*Oral presentation*)
 13. **Roman AS**, Koklanaris N, Roshan D, Paidas M, Mulholland J, Levitz M, Rebarber A. “Blind” vaginal fetal fibronectin as a predictor of spontaneous preterm birth: a novel sampling technique. 51st annual meeting of the Society for Gynecologic Investigation, Houston, TX; March 26, 2004.
 14. **Roman AS**, Koklanaris N, Saltzman D, Roshan D, Bender S, Rebarber A. Predicting preterm premature rupture of membranes in patients with Shirodkar cerclage. 51st annual meeting of the Society for Gynecologic Investigation, Houston, TX; March 25, 2004.
 15. **Roman AS**, Koklanaris N, Roshan D, Paidas MJ, Mulholland J, Levitz M, Rebarber A. “Blind” vaginal fetal fibronectin as a predictor of spontaneous preterm birth: a novel sampling technique. New York Obstetrical Society Residents and Fellows Meeting, New York, NY; April 13, 2004. (*Oral presentation*)
 16. **Roman AS**, Rebarber A, Pereira L, Sfakianaki AK, Mulholland J, Berghella V. The efficacy of ultrasound indicated cerclage in multiple gestations. New York Obstetrical Society Residents and Fellows Meeting, New York, NY; April 13, 2004.
 17. Rebarber A, **Roman AS**, Istwan N, Rhea D, Stanziano G. Factors associated with spontaneous preterm delivery in singleton gestations. 52nd annual meeting of the American College of Obstetrics and Gynecology, Philadelphia, PA; May 3, 2004.
 18. Stephenson CD, Young BK, Rebarber A, **Roman AS**, MacKenzie AP, Minior V, Koklanaris N, Mulholland J, Timor-Tritsch IE. 2D and 3D ultrasound-guided endoscopic umbilical cord ligation with bipolar cautery in twin and triplet monochorionic gestations. New York Perinatal Society 27th Annual Scientific Meeting, New York, NY; May 18, 2004. (*Oral presentation*)
 19. **Roman AS**, Koklanaris N, Paidas MJ, Mulholland J, Levitz M, Rebarber A. “Blind” vaginal fetal fibronectin as a predictor of spontaneous preterm birth: a novel sampling technique. New York Perinatal Society 27th Annual Scientific Meeting, New York, NY; May 18, 2004. (*Oral presentation*)
 20. **Roman AS**, Rebarber A, Pereira L, Sfakianaki AK, Mulholland J, Berghella V. The efficacy of ultrasound indicated cerclage in multiple gestations. Gordon Watkins Douglas Residents’ Honors Day, New York, NY; June 18, 2004. (*Oral presentation*)
 21. **Roman AS**, Koklanaris N, Mayberry P, Roshan D, Monda S, Timor-Tritsch I, Rebarber A. Fetal anatomy surveys of triplet pregnancies: an analysis of efficacy and cost-effectiveness. *J Ultrasound Med* 2004;23:S55-6. (*Oral presentation*)
 22. **Roman AS**, Koklanaris N, Roshan D, Bender S, Rebarber A. Predicting spontaneous preterm delivery in patients with ultrasound-indicated cerclage. *J Ultrasound Med* 2004;23:S61. (*Oral presentation*)

23. **Roman AS**, MacKenzie AP, Roshan D, Rebarber A. Management of triplet pregnancies: ultrasound-indicated versus prophylactic cerclage. *J Ultrasound Med* 2004;23:S114.
24. **Roman AS**, MacKenzie AP, Schreher J, Nathanielsz PW. The effect of omega-3 fatty acids on decidual cell production of prostaglandins and cyclooxygenase. *Am J Obstet Gynecol* 2004;191(6) suppl: S114.
25. **Roman AS**, Schreher J, Nathanielsz PW. Omega-3 fatty acids reduce prostaglandin production in decidual cell cultures under inflammatory conditions: a mechanism for preventing preterm birth. *Am J Obstet Gynecol* 2004;191(6) suppl: S114.
26. Koklanaris N, **Roman AS**, Perle M, Huang W, Monteagudo A. Isolated echogenic cardiac foci in patients with low-risk triple screen results: assessing the risk of trisomy 21. *Am J Obstet Gynecol* 2004;191(6) suppl: S179.
27. Rebarber A, **Roman AS**, Istwan N, Rhea D. Prophylactic cerclage in the management of triplet pregnancies. *Am J Obstet Gynecol* 2004;191(6) suppl: S68.
28. Petrikovsky B, Rebarber A, **Roman AS**, Saltzman D, Bender S, Roshan D. Downward trend in PUBS at a single tertiary care center. *Am J Obstet Gynecol* 2004;191(6) suppl: S153.
29. Petrikovsky B, **Roman AS**, Rebarber A, Bender S, Roshan D. Does nuchal cord compromise jugular blood flow? *J Soc Gynecol Investig* 2005;12(2) suppl: 247A.
30. **Roman AS**, Kadner S, Schreher J, Nathanielsz PW. Omega-3 fatty acid supplementation reduces microsomal prostaglandin E synthase (mPGES) expression in decidual cell cultures under inflammatory conditions: dietary implications for preventing preterm birth. *J Soc Gynecol Investig* 2005;12(2) suppl: 257A-258A.
31. **Roman AS**, Schreher J, Kadner S, Nathanielsz PW. Expression of microsomal prostaglandin E synthase (mPGES)-1 and -2 in cultured human decidual cells. *J Soc Gynecol Investig* 2005;12(2) suppl: 258A.
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33. Koklanaris N, **Roman AS**, Perle M, Huang W, Monteagudo A. Isolated echogenic cardiac foci in patients with low-risk triple screen results: assessing the risk of trisomy 21. New York Obstetrical Society Residents and Fellows Meeting, New York, NY; April 12, 2005.
34. Roshan D, Salas J, Perle MA, **Roman AS**, Saltzman D, Petrikovsky B, Rebarber A. The risk of aneuploidy in fetuses with cystic hygroma diagnosed in first trimester in AMA vs. non-AMA. New York Obstetrical Society Residents and Fellows Meeting, New York, NY; April 12, 2005.
35. Koklanaris N, **Roman AS**, Perle M, Huang W, Monteagudo A. Isolated echogenic cardiac foci in patients with low-risk triple screen results: assessing the risk of trisomy 21. New York Perinatal Society 28th Annual Scientific Meeting; May 4, 2005.
36. Roshan D, Salas J, Perle MA, **Roman AS**, Saltzman D, Petrikovsky B, Rebarber A. The risk of aneuploidy in fetuses with cystic hygroma diagnosed in first trimester in AMA vs. non-AMA. *Obstet Gynecol* 2005; 105(4) suppl: 41S.
37. Rebarber A, **Roman AS**, Saltzman D, Laughon SK, Rhea D. Prophylactic cerclage in the management of twin pregnancies. *Obstet Gynecol* 2005; 105(4) suppl: 114S.

38. **Roman AS**, Schreher J, Verma K, Nathanielsz PW, Fishman D. The effect of omega-3 fatty acid supplementation on MMP expression in cultured decidual cells: dietary implications for preventing preterm birth. *Am J Obstet Gynecol* 2005;193(6) suppl: S61.
39. Pappas J, Daley K, **Roman A**. Discrepancy of karyotype and phenotype in monochorionic twins. American Society of Human Genetics Annual Meeting, October 2006.
40. **Roman AS**, Dorsainville G, Nathanielsz PW. Effects of omega-3 fatty acids and progesterin on prostaglandin production in response to the inflammatory cytokine IL-1B. *Am J Obstet Gynecol* 2006;195(6) suppl: S71.
41. **Roman AS**, Stagg A, Dorsainville G, Nathanielsz PW. Identification of genes regulated by interleukin-1B in human decidual cells: elucidating mechanisms of infection-mediated preterm birth. *Am J Obstet Gynecol* 2006;195(6) suppl: S72.
42. Keeler S, **Roman AS**, Coletta J, Kiefer D, Rust O. Fetal fibronectin testing prior to ultrasound-indicated cerclage: can it predict procedure success? *Am J Obstet Gynecol* 2007;197:S199.
43. **Roman AS**, Dorsainville G, Keeler S, Nathanielsz PW. Omega-3 fatty acids inhibit IL-1 β -induced synthesis and trafficking of prostanoid enzymes in cultured human decidual cells: a potential mechanism by which omega-3 fatty acids inhibit spontaneous preterm birth. *Am J Obstet Gynecol* 2007;197:S205.
44. **Roman AS**, Keeler S, Dorsainville G, Nathanielsz PW. A combination of omega-3 fatty acids and medroxyprogesterone acetate inhibits TNF- α but not VEGF production in response to the inflammatory cytokine IL-1 β : a potential mechanism by which omega-3 fatty acids inhibit PPROM. *Am J Obstet Gynecol* 2007;197:S205.
45. **Roman AS**, Segal S, Dorsainville G. Expression and function of toll-like receptor-4 in human decidua: evidence of an immunological function of the decidua. *Am J Obstet Gynecol* 2008;199:S211.