

1. Ogge G, Romero R, Lee DC, Gotsch F, Than NG, Lee JH, Chaiworapongsa T, **Dong Z**, Mittal P, Hassan SS, and Kim CJ. Chronic chorioamnionitis displays distinct alterations of the amniotic fluid proteome. *Journal of Pathology*. 2011; 24(3):391-396.
2. Hassan SS, Romero R, Tarca AL, Nhan-Chang C-L, Mittal P, Vaisbuch E, Gonzalez J, Chaiworapongsa T, Ali-Fehmi R, **Dong Z**, Than NG, Kim CJ. The molecular basis for sonographically measured cervical shortening at term: identification of differentially expressed genes and the epithelial-mesenchymal transition as a function of cervical length. *American Journal of Obstetrics & Gynecology*. In press.
3. Mittal P, Romero R, Tarca AL, Gonzalez J, Draghici S, Xu Y, **Dong Z**, Nhan-Chang C-L, Chaiworapongsa T, Lye S, Kusanovic JP, Lipovich L, Mazaki-Tovi S, Hassan SS, Mesiano S and Kim CJ. Characterization of the myometrial transcriptome and biological pathways of spontaneous human labor at term. *Journal of Perinatal Medicine*. 2010; 38(6):617-643.
4. Chaiworapongsa T, Romero R, Tarca A, Kusanovic JP, Gotsch F, Mittal P, Kim SK, Vaisbuch E, Mazaki-Tovi S, Erez O, **Dong Z**, Kim CJ, Yeo L and Hassan SS. A decrease in maternal plasma concentrations of sVEGFR-2 precedes the clinical diagnosis of preeclampsia. *American Journal of Obstetrics & Gynecology*. In press.
5. Vaisbuch E, Hassan SS, Mazaki-Tovi S, Nhan-Chang CL, Kusanovic JP, Chaiworapongsa T, **Dong Z**, Yeo L, Mittal P, Yoon BH and Romero R. Patients with an asymptomatic short cervix ( $\leq 15$  mm) have a high rate of subclinical intraamniotic inflammation: implications for patient counseling. *American Journal of Obstetrics & Gynecology*. In press.
6. Kim CJ, Romero R, Kusanovic JP, Yoo W, **Dong Z**, Topping V, Gotsch F, Yoon BH, Chi JG and Kim JS. The frequency, clinical significance, and pathological features of chronic chorioamnionitis: a major lesion

associated with spontaneous preterm birth. *Modern Pathology*. 2010; 23:1000-1011.

7. Romero R, Chaiworapongsa T, Offer E, Tarca, AL, Gervasi MT, Kusanovic JP, Mittal P, Ogge G, Vaisbuch E, Erez O, Mazaki-Tovi S, **Dong Z**, Kim SK, Yeo L and Hassan SS. An imbalance between angiogenic and anti-angiogenic factors precedes foetal death in a subset of patients: results of a longitudinal study. *Journal of Maternal-Fetal and Neonatal Medicine*. 2010; 23(12):1384-1399.
8. Sota E, Romero R, Vaisbuch E, Erez O, Mazaki-Tovi S, Kusanovic JP, **Dong Z**, Chaiworapongsa T, Yeo L, Mittal P and Hassan SS. Fragment Bb: evidence for activation of the alternative pathway of the complement system in pregnant women with acute pyelonephritis. *Journal of Maternal-Fetal and Neonatal Medicine*. 2010; 23(10):1085-1090.
9. Chaiworapongsa T, Romero R, Kusanovic JP, Savasan ZA, Kim SK, Mazaki-Tovi S, Vaisbuch E, Ogge G, Madan I, **Dong Z**, Yeo L, Mittal P and Hassan SS. Unexplained fetal death is associated with increased concentrations of antiangiogenic factors in amniotic fluid. *Journal of Maternal-Fetal and Neonatal Medicine*. 2010; 23(8):794-805.
10. Vaisbuch E, Romero R, Erez O, Mazaki-Tovi S, Kusanovic JP, Chaiworapongsa T, **Dong Z**, Kim SK, Ogge G, Gervasi MT and Hassan SS. Maternal plasma retinol binding protein 4 in acute pyelonephritis during pregnancy. *Journal of Perinatal Medicine*. 2010; 38(4):359-366.
11. Mazaki-Tovi S, Vaisbuch E, Romero R, Kusanovic JP, Chaiworapongsa T, Kim SK, Ogge G, Yoon BH, **Dong Z**, Gonzalez JM, Gervasi MT and Hassan SS. Hyperresistinemia – a novel feature in systemic infection during human pregnancy. *American Journal of Reproductive Immunology*. 2010; 63(5):358-369.
12. Cruciani L, Romero R, Vaisbuch E, Kusanovic JP, Chaiworapongsa T, Mazaki-Tovi S, **Dong Z**, Kim SK, Ogge G, Yeo L, Mittal P and Hassan

- SS. Pentraxin 3 in maternal circulation: An association with preterm labor and preterm PROM, but not with intra-amniotic infection/inflammation. *Journal of Maternal-Fetal and Neonatal Medicine*. 2010; 23(10):1097-1105.
13. Vaisbuch E, Romero R, Erez O, Mazaki-Tovi S, Kusanovic JP, Soto E, **Dong Z**, Chaiworapongsa T, Kim SK, Ogge G, Pacora P, Yeo L and Hassan SS. Activation of the alternative pathway of complement is a feature of pre-term parturition but not of spontaneous labor at term. *American Journal of Reproductive Immunology*. 2010; 63(4):318-330.
14. Mazaki-Tovi S, Romero R, Vaisbuch E, Kim SK, Kusanovic JP, Chaiworapongsa T, Mittal P, **Dong Z**, Pacora P, Yeo L and Hassan SS. Evidence for differential regulation of the adipokine visfatin in the maternal and fetal compartments in normal spontaneous labor at term. *Journal of Perinatal Medicine*. 2010; 38(3):281-288.
15. Mazaki-Tovi S, Romero R, Vaisbuch E, Kusanovic JP, Chaiworapongsa T, Kim SK, Mittal P, **Dong Z**, Pacora P, Yeo L and Hassan SS. Retinol-binding protein-4: a novel adipokine implicated in the genesis of LGA in the absence of gestational diabetes mellitus. *Journal of Perinatal Medicine*. 2010; 8(2):147-155.
16. Savasan ZA, Romero R, Chaiworapongsa T, Kusanovic JP, Kim SK, Mazaki-Tovi S, Vaisbuch E, Mittal P, Ogge G, Madan I, **Dong Z**, Yeo L and Hassan SS. Evidence in support of a role for anti-angiogenic factors in preterm prelabor rupture of membranes. *Journal of Maternal-Fetal and Neonatal Medicine*. 2010; 23(8):828-841.
17. Chaiworapongsa T, Kusanovic JP, Savasan ZA, Mazaki-Tovi S, Kim SK, Vaisbuch E, Tarca AL, Mittal P, Ogge G, Madan I, **Dong Z**, Yeo L, Hassan SS and Romero R. Fetal death: A condition with a dissociation in the concentrations of soluble vascular endothelial growth factor receptor-2 between the maternal and fetal compartments. *Journal of Maternal-Fetal and Neonatal Medicine*. 2010; 23(9):960-972.

18. Madan I, Romero R, Kusanovic JP, Chaiworapongsa T, **Dong Z**, Mazaki-Tovi S, Vaisbuch E, Savasan ZA, Yeo L, Kim CJ and Hassan SS. The frequency and clinical significance of intra-amniotic infection/inflammation in women with placenta previa and vaginal bleeding: an unexpected observation. *Journal of Perinatal Medicine*. 2010; 38(3):275-279.
19. Ogge G, Romero R, Kusanovic JP, Chaiworapongsa T, **Dong Z**, Mittal P, Vaisbuch E, Mazaki-Tovi S, Gonzalez JM, Yeo L and Hassan SS. Serum and plasma determination of angiogenic and anti-angiogenic factors yield different results: The need for standardization in clinical practice. *Journal of Maternal-Fetal and Neonatal Medicine*. 2010; 23(8):820-827.
20. Vaisbuch E, Romero R, Mazaki-Tovi S, Erez O, Kim SK, Chaiworapongsa T, Gotsch F, Than NG, **Dong Z**, Pacora P, Lamont RF, Yeo L, Hassan SS and Kusanovic JP. Retinol binding protein 4 - a novel association with early-onset preeclampsia. *Journal of Perinatal Medicine*. 2010;38(2):123-139.
21. Cruciani L, Romero R, Vaisbuch E, Kusanovic JP, Chaiworapongsa T, Mazaki-Tovi S, Mittal P, Ogge G, Gotsch F, Erez O, Kim SK, **Dong Z**, Pacora P, Lamont RF, Yeo L, Hassan SS and Renzo GD. Pentraxin 3 in amniotic fluid: a novel association with intra-amniotic infection and inflammation. *Journal of Perinatal Medicine*. 2010; 38(2):161-167.
22. Chaiworapongsa T, Romero R, Gotsch F, Kusanovic JP, Mittal P, Kim SK, Erez O, Vaisbuch E, Mazaki-Tovi S, Kim CJ, **Dong Z**, Yeo L and Hassan SS. Acute pyelonephritis during pregnancy changes the balance of angiogenic and anti-angiogenic factors in maternal plasma. *Journal of Maternal-Fetal and Neonatal Medicine*. 2010; 23(2):167-178.
23. Chaiworapongsa T, Romero R, Tarca A, Kusanovic JP, Mittal P, Kim SK, Gotsch F, Erez O, Vaisbuch E, Mazaki-Tovi S, Pacora P, Ogge G, **Dong Z**, Kim CJ, Yeo L and Hassan SS. A subset of patients destined

to develop spontaneous preterm labor has an abnormal angiogenic/anti-angiogenic profile in maternal plasma: Evidence in support of pathophysiologic heterogeneity of preterm labor derived from a longitudinal study. *Journal of Maternal-Fetal and Neonatal Medicine*. 2009; 22(12):1122-1139.

24. Mazaki-Tovi S, Romero R, Vaisbuch E, Erez O, Mittal P, Chaiworapongsa T, Kim SK, Pacora P, Yeo L, Gotsch F, **Dong Z**, Nhan-Chang C, Jodicke C, Yoon BH, Hassan SS and Kusanovic JP. Dysregulation of maternal serum adiponectin in preterm labor. *Journal of Maternal-Fetal and Neonatal Medicine*. 2009; 22(10):887-904.
25. Mazaki-Tovi S, Romero R, Vaisbuch E, Kusanovic JP, Erez O, Mittal P, Gotsch F, Chaiworapongsa T, Than NG, Kim SK, Pacora P, Yeo L, **Dong Z** and Hassan SS. Adiponectin in amniotic fluid in normal pregnancy, spontaneous labor at term, and preterm labor: A novel association with subclinical intrauterine infection/inflammation. *Journal of Maternal-Fetal and Neonatal Medicine*. 2010; 23(2):120-130.
26. Vaisbuch E, Romero R, Erez O, Mazaki-Tovi S, Kusanovic JP, Soto E, Gotsch F, **Dong Z**, Chaiworapongsa T, Kim SK, Mittal P, Pacora P, Yeo L and Hassan SS. Fragment Bb amniotic fluid: evidence for complement activation by the alternative pathway in women with intra-amniotic infection/inflammation. *Journal of Maternal-Fetal and Neonatal Medicine*. 2009; 22(10):905-916.
27. Mazaki-Tovi S, Romero R, Vaisbuch E, Erez O, Chaiworapongsa T, Mittal P, Kim SK, Pacora P, Gotsch F, **Dong Z**, Hassan SS and Kusanovic JP. Maternal plasma visfatin in preterm labor. *Journal of Maternal-Fetal and Neonatal Medicine*. 2009; 22(8):693-704.
28. Erez O, Romero R, Vaisbuch E, Chaiworapongsa T, Kusanovic JP, Mazaki-Tovi S, Gotsch F, Gomez R, Maymon E, Pacora P, Edwin S, Kim CJ, Than NG, Mittal P, Yeo L, **Dong Z**, Yoon BH, Hassan SS and Mazor M. Changes in amniotic fluid concentration of thrombin-antithrombin III complexes in patients with preterm labor: Evidence of

an increased thrombin generation. *Journal of Maternal-Fetal and Neonatal Medicine*. 2009; 22(11):971-982.

29. Vaisbuch E, Mazaki-Tovi S, Kusanovic JP, Erez O, Than NG, Kim SK, **Dong Z**, Gotsch F, Mittal P, Chaiworapongsa T, Pacora P, Yeo L, Hassan SS and Romero R. Retinol binding protein 4: An adipokine associated with intra-amniotic infection/inflammation. *Journal of Maternal-Fetal and Neonatal Medicine*. 2010; 23(2):111-119.
30. Erez O, Than NG, Romero R, Vaisbuch E, Kusanovic JP, Mazaki-Tovi S, Chaiworapongsa T, Gotsch F, Fareed J, Hoppensteadt D, Than NG, Yoon BH, Edwin S, **Dong Z**, Espinoza J, Mazor M, and Hassan SS. High tissue factor activity and low tissue factor pathway inhibitor concentrations in patients with preterm labor. *Journal of Maternal-Fetal and Neonatal Medicine*. 2010; 23(1):23-33.
31. Than NG, Romero R, Goodman M, Weckle A, Xing J, **Dong Z**, Xu Y, Tarquini F, Szilagyi A, Gal P, Hou Z, Tarca AL, Kim CJ, Kim JS, Haidarian S, Uddin M, Bohn G, Benirschke K, Santolaya-Forgas J, Grossman LI, Erez O, Hassan SS, Zavodszky P, Papp Z and Wildman DE. From birth to death: evolution of a primate subfamily of galectins expressed at the maternal-fetal interface that promote T-cell apoptosis. *Proceedings of the National Academy of Sciences*. 2009; 106(24):9731-9736.
32. Mazaki-Tovi S, Romero R, Vaisbuch E, Erez O, Mittal P, Chaiworapongsa T, Kim SK, Pacora P, Yeo L, Gotsch F, **Dong Z**, Yoon BH, Hassan SS and Kusanovic JP. Maternal serum adiponectin multimers in gestational diabetes. *Journal of Perinatal Medicine*. 2009; 37(6):637-650.
33. Mazaki-Tovi S, Romero R, Vaisbuch E, Erez O, Mittal P, Chaiworapongsa T, Kim SK, Pacora P, Yeo L, Gotsch F, **Dong Z**, Yoon BH, Hassan SS and Kusanovic JP. Maternal serum adiponectin multimers in patients with a small-for-gestational-age newborn. *Journal of Perinatal Medicine*. 2009; 37(6):623-635.

34. Mazaki-Tovi S, Romero R, Vaisbuch E, Kusanovic JP, Erez O, Gotsch F, Chaiworapongsa T, Than NG, Jodicke C, Pacora P, Yeo L, **Dong Z**, Yoon BH, Hassan SS and Mittal P. Maternal serum adiponectin multimers in preeclampsia. *Journal of Perinatal Medicine*. 2009; 37(4):349-363.