

Department of Pediatrics
Division of Neonatal-Perinatal Medicine

2004 Abstracts and Presentations

Assanasen C, Mineo C, Yuhanna I, Marcel Y, Williams D, de la Llera-Moya M, Silver D, **Shaul P**. Activation of endothelial NO synthase (eNOS) by high density lipoprotein (HDL) requires binding to scavenger receptor BI (SR-BI) and cholesterol efflux. *Pediatr. Res.*, Pediatric Academic Societies' Annual Meeting, Abstracts -On-Disk, no. 248, 2004 (Presented)

Barber CA, Sikes NC, Norton JD, Lowery CL, Kaiser JR. Effects of Mode of Delivery on Mortality and Severe Brain Injury in Extremely Low Birthweight Infants. Presented at Southern Society for Pediatric Research. New Orleans, LA. February 2004

Camm EJ, Inder TE, Dieni S, **Shaul P**, Yoder B, Rees SM. Variation in the pattern of cerebral injury in relation to ventilatory regimens in preterm infant baboons. *Pediatr. Res.*, Pediatric Academic Societies' Annual Meeting, Abstracts -On-Disk, no. 176, 2004 (Presented)

Engle WD, Jackson GL, Sendelbach DM, Stehel EK, Manning MD. Evaluation of transcutaneous bilirubin (TCB) following hospital discharge. *Journal of Investigative Medicine* 52:S315, 2004 (Presented)

Engle WD, Jackson GL, Sendelbach DM, Stehel EK, Manning MD. Evaluation of transcutaneous bilirubin (TcB) in term and near-term neonates following hospital discharge. *Pediatric Research* 55:460A, 2004 (Presented)

Gormley AK, Seetharam D, Gibson LL, Osborne-Lawrence S, Hahner L, Word RA, Black S, Samols D, Mineo C, **Shaul PW**. C-reactive protein attenuates carotid artery reendothelialization in mice. American Heart Association, Scientific Sessions 2004 Meeting. (Presented)

Karimi P, Lu CY. Ineffective Macrophage Response in the Peritoneal Cavity of Neonatal Mice may lead to Cerebral Listeriosis. Oral Platform presentation at the Eleventh Annual South Central Conference on Perinatal Research. September 2004, Austin, Texas

Kumar P, Tall GG, Chambliss K, Mumby SM, Mineo C, **Shaul PW**. Molecular basis of G protein coupling to membrane-associated estrogen receptors. 2004 FASEB Summer Research Conference on Steroid Hormone Receptors: Integration of Plasma Membrane- and Nuclear-Initiated Signaling in Hormone Action. (Presented)

Laptook A, Allen J, **Salhab WA**, Saha S, Walsh M. Potential hazards of lower oxygen saturation (SaO₂) targets in infants with a birth weight <1250g. *SPR* May 1-4, 2004, San Francisco, CA

LeFlore JL, **Engle WD**. Growth and development of extremely low birth weight (ELBW) neonates following postnatal dexamethasone (PDX). *Pediatric Research* 55:480A, 2004 (Presented)

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2004 Abstracts and Presentations (cont.)

Mineo C, Gormley AK, Yuhanna IS, Osbourne-Lawrence S, Gibson LL, Hahner L, Shohet RV, Karp DR, Salmon J, Black S, Samols D, Thomas GD, **Shaul PW**. FcRIIB mediates C-reactive protein inhibition of endothelial NO synthase. American Heart Association, Scientific Sessions 2004 Meeting. (Presented)

Nagar D, **Rosenfeld CR**. Estrogen increases expression of the β 1-subunits of the large conductance calcium activated potassium channel in ovine uterine vascular and visceral smooth muscle. Southern Society for Pediatric Research, February 13-15, 2004, New Orleans, LA (Young Investigator Award for Basic Research)

Nagar D, Liu X and **Rosenfeld CR**. Estradiol-17 β (E2 β) Selectively regulates β 1-subunit expression in large conductance calcium-activated potassium channels (bkca) in ovine uterine vascular and visceral smooth muscle (SM). Society for Gynecologic Investigation, March 24-27, 2004, Houston, TX (Poster Presentation)

Owen KE, McDonough A, Shoup A, **Jackson GL**. Program Modifications to Increase Return to Follow-Up for Babies At Risk for Progressive Hearing Loss. International Conference on Newborn Hearing Screening, Diagnosis and Intervention (oral presentation), May 28, 2004, Milan, Italy

Rosenfeld CR, Liu X and McMillen, C. Fetal growth restriction (FGR) modifies vascular growth and smooth muscle (VSM) maturation. Society for Gynecologic Investigation, March 24-27, 2004, Houston, TX (Oral Presentation)

Rosenfeld CR, and Roy T. Large conductance potassium channels (bkca) regulate basal uteroplacental blood flow during ovine pregnancy. Society for Gynecologic Investigation, March 24-27, 2004, Houston, TX (Oral Presentation)

Salhab WA, Burchfield J, Perlman JM. Nasal intermittent positive pressure ventilation in low birth weight infants <2000g: A cohort analysis. AAP 2004 National Conference and Exhibitions October 9-13, San Francisco, CA

Seetharam D, Mineo C, Gormley AK, Hahner L, Marcel YL, Rader DJ, **Shaul PW**. High density lipoprotein activates endothelial cell migration via scavenger receptor B-I-induced signaling. American Heart Association, Scientific Sessions 2004 Meeting. (Presented)

Shalak LF, **Wyckoff MH**, Laptook AR, Jafri HS, Ramilo O, Perlman JM. Selective inflammatory cytokine response after asphyxia and volume resuscitation in a neonatal piglet model. Pediatric Academic Societies Meeting. San Francisco, CA, 2004 (Presented)

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2004 Abstracts and Presentations (cont.)

Shaul PW, Kumar P, Chambliss K, Yuhanna IS, Gibson LL, Hahner L, Osborne-Lawrence S, Gormley AK, Mineo C, Tall GG, Mumby SM, Umetani M, Mangelsdorf DJ. Mechanisms of estrogen action in endothelium: new perspectives about protagonists and antagonists. 2004 FASEB Summer Research Conference on Steroid Hormone Receptors: Integration of Plasma Membrane- and Nuclear-Initiated Signaling in Hormone Action. (Presented)

Stehel E, Shoup A, Owen K, Jackson G, Boney L and **Sanchez P**. Universal Newborn Hearing Screening for Detection of Congenital Cytomegalovirus (CMV) Infection: How Good Is It? Am. Pediatr Soc / Soc for Pediatr Res. May 2004 (Poster symposium)

Stevens TK, Kerecman J, McCurnin D, Yoder B, **Shaul P**, Grubb P. Early elevation in exhaled nitric oxide is predictive of later improvement in pulmonary function in the premature baboon model of bronchopulmonary dysplasia. Pediatr. Res., Pediatric Academic Societies' Annual Meeting, Abstracts -On-Disk, no. 2482, 2004 (Presented)

Woldesenbet M, **Perlman JM**. Histologic Chorioamnionitis is an Occult Marker of More Severe Persistent Pulmonary Hypertension of the Newborn in the Term Infants. American Academy of Pediatrics. October 2004, San Francisco. (Poster presentation)

Woldesenbet M, **Perlman JM**. Histologic Chorioamnionitis: An Occult Marker of Severe Pulmonary Hypertension in the Newborn. Eleventh Annual South Central Conference on Perinatal Research. September 2004, Austin, Texas (Podium Presentation)

Wyckoff MH, Garcia D, **Perlman JM**, **Laptook AR**. Randomized trial of volume infusion during resuscitation of asphyxiated neonatal piglets. Pediatric Academic Societies Meeting. San Francisco, CA, 2004 (Presented)