

# SCHEDULE OF ORAL PRESENTATIONS

Thursday, February 10, 2005

8:00AM to 10:00AM		<b>Oral Plenary Session I</b> Moderators: James E. Ferguson, II, MD President Jay D. Iams, MD, Immediate Past President	Hilton Pavilion
8:00	1*	<b>METABOLOMICS IN PREMATURE LABOR: A NOVEL APPROACH TO IDENTIFY PATIENTS AT RISK FOR PRETERM DELIVERY</b>	<u>ROBERTO ROMERO</u> <sup>1</sup> , RICARDO GOMEZ <sup>2</sup> , JYH KAE NIEN <sup>1</sup> , BO HYUN YOON <sup>3</sup> , R LUO <sup>4</sup> , CHRIS BEECHER <sup>4</sup> , MOSHE MAZOR <sup>5</sup> , <sup>1</sup> Perinatology Research Branch, NICHD, NIH, DHHS, Bethesda, Maryland <sup>2</sup> CEDIP, Sotero del Rio Hospital, Puente Alto, Chile <sup>3</sup> Seoul National University College of Medicine, Department of Obstetrics and Gynecology, Seoul, Korea <sup>4</sup> Metabolon, Inc., Biochemistry and Technology, Durham, North Carolina <sup>5</sup> Soroka University Medical Center, Beer Sheva, Israel
8:15	2**	<b>DETECTION OF DOWN SYNDROME BY PROTEOMIC PROFILING OF MATERNAL SERUM</b>	MARY D'ALTON <sup>1</sup> , DAVID LUTHY <sup>2</sup> , FERGAL MALONE <sup>1</sup> , JACOB CANICK <sup>3</sup> , <u>MICHAEL GRAVETT</u> <sup>4</sup> , GERALYN LAMBERT-MESSERLIAN <sup>5</sup> , MARK TOMLINSON <sup>5</sup> , RON ROSENFELD <sup>6</sup> , SRINAVASA NAGALLA <sup>6</sup> , <sup>1</sup> Columbia University, Obstetrics & Gynecology, New York, New York <sup>2</sup> Obstetrix Medical Group, Seattle, Washington <sup>3</sup> Brown University, Pathology and Laboratory Medicine, Providence, Rhode Island <sup>4</sup> Oregon Health & Science University, Obstetrics & Gynecology, Portland, Oregon <sup>5</sup> Northwest Perinatal Associates, Portland, Oregon <sup>6</sup> Oregon Health & Science University, Pediatrics, Portland, Oregon
8:30	3	<b>MINIMALLY INVASIVE MANAGEMENT OF RH ALLOIMMUNIZATION: CAN AMNIOTIC FLUID DELTAOD450 BE REPLACED BY DOPPLER STUDIES? A PROSPECTIVE MULTICENTER TRIAL</b>	<u>DICK OEPKES</u> <sup>1</sup> , GARETH SEAWARD <sup>2</sup> , FRANK VANDENBUSSCHE <sup>1</sup> , JOHN KINGDOM <sup>2</sup> , RORY WINDRIM <sup>2</sup> , JOSEPH BEYENE <sup>3</sup> , HUMPHREY KANHAI <sup>1</sup> , ARNE OHLSSON <sup>3</sup> , GREG RYAN <sup>2</sup> , FOR THE DIAMOND STUDY GROUP <sup>1</sup> , <sup>1</sup> Leiden University Medical Center, Dept. of Obstetrics, Leiden, <sup>2</sup> Fetal Medicine Unit, Mount Sinai Hospital, Toronto, Ontario <sup>3</sup> Dept. of Paediatrics, Mount Sinai Hospital, University of Toronto, Toronto, Ontario
8:45	4	<b>DEXAMETHASONE PREVENTS LONG-LASTING IMPAIRMENT FOLLOWING THE COMBINATION OF LIPOPOLYSACCHARIDE TREATMENT AND HYPOXIA-ISCHEMIA IN NEONATAL RATS</b>	<u>TOMOAKI IKEDA</u> <sup>1</sup> , KENICHI MISHIMA <sup>2</sup> , NAOYA AOO <sup>2</sup> , NOBUAKI EGASHIRA <sup>2</sup> , KATSUNORI IWASAKI <sup>2</sup> , MICHIHIRO FUJIWARA <sup>2</sup> , TSUYOMU IKENOUE <sup>1</sup> , <sup>1</sup> Miyazaki Medical College, Obstetrics and Gynecology, Miyazaki, <sup>2</sup> Fukuoka University, Physiology and Pharmacology, Fukuoka
9:00	5	<b>FIRST AND SECOND TRIMESTER EVALUATION OF RISK (FASTER) TRIAL: THE ROLE OF SECOND TRIMESTER GENETIC SONOGRAPHY</b>	<u>FERGAL MALONE</u> <sup>1</sup> , DAVID A. NYBERG <sup>2</sup> , JOHN VIDAVER <sup>3</sup> , ROBERT BALL <sup>4</sup> , CHRISTINE H. COMSTOCK <sup>5</sup> , GEORGE SAADE <sup>6</sup> , RICHARD BERKOWITZ <sup>7</sup> , SUSAN GROSS <sup>8</sup> , LORRAINE DUGOFF <sup>9</sup> , SABRINA CRAIGO <sup>10</sup> , ILAN E. TIMOR <sup>11</sup> , STEPHEN R. CARR <sup>12</sup> , HONOR M. WOLFE <sup>13</sup> , JACOB CANICK <sup>12</sup> , MARY E. D'ALTON <sup>1</sup> , <sup>1</sup> Columbia University, New York, New York <sup>2</sup> Swedish Medical Center, Seattle, Washington <sup>3</sup> DM-STAT, Boston, Massachusetts <sup>4</sup> University of Utah, Salt Lake City, Utah <sup>5</sup> William Beaumont Hospital, Royal Oak, Michigan <sup>6</sup> UTMB, Galveston, Texas <sup>7</sup> Mount Sinai School of Medicine, New York, New York <sup>8</sup> Montefiore Medical Center, Bronx, New York <sup>9</sup> University of Colorado, Denver, Colorado <sup>10</sup> Tufts University, Boston, Massachusetts <sup>11</sup> NYU, New York, New York <sup>12</sup> Brown University, Providence, Rhode Island <sup>13</sup> UNC, Chapel Hill, North Carolina
9:15	6	<b>PROTEOMIC BIOMARKER SETS IDENTIFY SYNERGISTIC PATHWAYS THAT PREDICT THE OUTCOME OF RESCUE CERCLAGE (RC)</b>	<u>CARL P. WEINER</u> <sup>1</sup> , KEUN-YOUNG LEE <sup>2</sup> , CATALIN BUHIMSCHI <sup>3</sup> , ROB CHRISTNER <sup>4</sup> , IRINA BUHIMSCHI <sup>5</sup> , <sup>1</sup> University of Maryland at Baltimore, Physiology, Baltimore, Maryland <sup>2</sup> Kangnam Sacred Heart Hospital, Ob./Gyn., Seoul, <sup>3</sup> Yale University, OB GYN, New Haven, Connecticut <sup>4</sup> Ciphergen Biosystems, New Haven, Connecticut <sup>5</sup> Yale University, Obstetrics/ Gynecology, New Haven, Connecticut

9:30

7

**AN INTERNATIONAL RANDOMIZED CONTROLLED TRIAL OF AMNIOINFUSION FOR THICKLY MECONIUM STAINED AMNIOTIC FLUID**

WILLIAM FRASER<sup>1</sup>, JUSTUS HOFMEYR<sup>2</sup>, ROBERTO LEDE<sup>3</sup>, GILLES FARON<sup>4</sup>, SOPHIE ALEXANDER<sup>5</sup>, FRANÇOIS GOFFINET<sup>6</sup>, ARNE OHLSSON<sup>7</sup>, CÉLINE GOULET<sup>8</sup>, LUCILE TURCOT-LEMAY<sup>9</sup>, CHANTAL ROY<sup>1</sup>, STAVROS PETROU<sup>10</sup>, HAI-RONG XU<sup>1</sup>, BIN WEI<sup>1</sup>, SYLVIE MARCOUX<sup>11</sup>, THE AMNIOINFUSION TRIAL GROUP<sup>12</sup>, <sup>1</sup>Université de Montréal, Obstetrics & Gynecology, Montréal, Quebec <sup>2</sup>University of Witwatersrand, Obstetrics & Gynecology, East London, South Africa <sup>3</sup>Instituto Argentino de Medicina Basada en las Evidencias, Buenos Aires, Argentina <sup>4</sup>Centre hospitalier universitaire Brugmann, Obstétrique & Gynécologie, Brussels, Belgium <sup>5</sup>Université libre de Bruxelles, Brussels, Belgium <sup>6</sup>AP-HP Cochin Port-Royal, Obstetrics, Paris, France <sup>7</sup>Mount Sinai Hospital, Pediatrics, Toronto, Ontario <sup>8</sup>Université de Montréal, Nursing, Montreal, Quebec <sup>9</sup>Université Laval, Québec, Quebec <sup>10</sup>National Perinatal Epidemiology Unit, Oxford, UK <sup>11</sup>Université Laval, Médecine sociale et préventive, Québec, Quebec <sup>12</sup>International collaboration, Obstetrics & Gynecology, Montréal, Quebec

9:45

8

**NUCHAL TRANSLUCENCY AND THE RISK OF CONGENITAL HEART DISEASE —A POPULATION-BASED SCREENING STUDY (THE FASTER TRIAL)**

LYNN L. SIMPSON<sup>1</sup>, FERGAL MALONE<sup>1</sup>, DIANA BIANCHI<sup>2</sup>, ROBERT BALL<sup>3</sup>, DAVID NYBERG<sup>4</sup>, CHRISTINE H. COMSTOCK<sup>5</sup>, GEORGE SAADE<sup>6</sup>, RICHARD BERKOWITZ<sup>7</sup>, SUSAN GROSS<sup>8</sup>, LORRAINE DUGOFF<sup>9</sup>, SABRINA CRAIGO<sup>2</sup>, ILAN TIMOR<sup>10</sup>, STEPHEN CARR<sup>11</sup>, HONOR WOLFE<sup>12</sup>, TARA TRIPP<sup>13</sup>, MARY D'ALTON<sup>1</sup>, <sup>1</sup>Columbia University, New York, New York <sup>2</sup>Tufts University, Boston, Massachusetts <sup>3</sup>University of Utah, Obstetrics and Gynecology, Salt Lake City, Utah <sup>4</sup>Swedish Medical Center, Seattle, Washington <sup>5</sup>William Beaumont Hospital, Royal Oak, Michigan <sup>6</sup>University of Texas Medical Branch at Galveston, Galveston, Texas <sup>7</sup>Mount Sinai Medical Center, Department of Obstetrics and Gynecology, New York, New York <sup>8</sup>Albert Einstein College of Medicine, Bronx, New York <sup>9</sup>University of Colorado Health Sciences Center, Denver, Colorado <sup>10</sup>New York University, New York, New York <sup>11</sup>Brown University, Providence, Rhode Island <sup>12</sup>University of North Carolina at Chapel Hill, Chapel Hill, North Carolina <sup>13</sup>DM-STAT, Boston, Massachusetts

\* The March of Dimes Award for Best Research in Prematurity

\*\* The Dru Carlson Memorial Award for Best Research in Ultrasound and Genetics

Thursday, February 10, 2005

1:15PM to 3:30PM

**Oral Concurrent Session 1**

Moderators: T. Murphy Goodwin, MD  
Maureen P. Malee, MD

Hilton Pavilion

- 1:15**      **9**      **TOLL-LIKE RECEPTOR 4: A LINK BETWEEN "DANGER SIGNALS", THE INNATE IMMUNE SYSTEM, TROPHOBLAST APOPTOSIS AND PREECLAMPSIA?**
- YEON MEE KIM<sup>1</sup>, SEO YOUNG OH<sup>2</sup>, JYH KAE NIEN<sup>2</sup>, RICARDO GOMEZ<sup>3</sup>, CHONG JAI KIM<sup>4</sup>, MOSHE MAZOR<sup>5</sup>, VIKKI ABRAHAMS<sup>6</sup>, GIL MOR<sup>6</sup>, SHIGERU SAITO<sup>7</sup>, ROBERTO ROMERO<sup>2</sup>, <sup>1</sup>Wayne State University School of Medicine, Department of Pathology, Detroit, Michigan <sup>2</sup>Perinatology Research Branch, NICHD, NIH, DHHS, Bethesda, Maryland <sup>3</sup>CEDIP, Sotero del Rio Hospital, Puente Alto, Chile <sup>4</sup>Seoul National University, Seoul, Korea <sup>5</sup>Soroka University Medical Center, Beer Sheva, Israel <sup>6</sup>Yale University, Department of Obstetrics and Gynecology, New Haven, Connecticut <sup>7</sup>Toyama Medical and Pharmaceutical University, Department of Obstetrics and Gynecology, Toyama, Japan
- 1:30**      **10**      **URINARY PLACENTAL GROWTH FACTOR (PGF) AND THE RISK OF PREECLAMPSIA**
- RICHARD LEVINE<sup>1</sup>, RAVI THADHANI<sup>2</sup>, CONG QIAN<sup>3</sup>, CHUN LAM<sup>4</sup>, KEE-HAK LIM<sup>4</sup>, KAI YU<sup>1</sup>, ANASTASIA BLINK<sup>1</sup>, BENJAMIN SACHS<sup>4</sup>, FRANKLIN EPSTEIN<sup>4</sup>, BAHA SIBAI<sup>5</sup>, VIKAS SUKHATME<sup>2</sup>, ANANTH KARUMANCHI<sup>4</sup>, <sup>1</sup>Department of Health and Human Services, National Institute of Child Health and Human Development, Epidemiology and Biometry, Bethesda, Maryland <sup>2</sup>Massachusetts General Hospital, Medicine and Obstetrics, Boston, Massachusetts <sup>3</sup>Allied Technology Group, Rockville, Maryland <sup>4</sup>Beth Israel Deaconess Medical Center, Medicine and Obstetrics, Boston, Massachusetts <sup>5</sup>University of Cincinnati College of Medicine, Obstetrics and Gynecology, Cincinnati, Ohio
- 1:45**      **11**      **THROMBOPHILIA IS A RISK FACTOR FOR SEVERE PREECLAMPSIA AND ITS RECURRENCE**
- FABIO FACCHINETTI<sup>1</sup>, ELENA PARRETTI<sup>2</sup>, LUCA MAROZIO<sup>3</sup>, ANDREA LOIACONO<sup>4</sup>, PAOLO VENTURINI<sup>1</sup>, CHIARA BENEDETTO<sup>3</sup>, TIZIANA FRUSCA<sup>4</sup>, GIORGIO MELLO<sup>2</sup>, <sup>1</sup>Univ. of Modena & Reggio Emilia, Mother-Infant Dept, Modena, <sup>2</sup>Univ. of Florence, High-Risk Pregnancy Unit, Florence, <sup>3</sup>Univ. of Torino, Dept. Obstet Gynecol, Torino, <sup>4</sup>Univ. of Brescia, Dept. Obstet. Gynecol., Brescia
- 2:00**      **12**      **THE EFFECTS OF TREATMENT WITH N-ACETYLCYSTEINE (NAC) IN A RAT MODEL OF PREECLAMPSIA**
- EUGENE CHANG<sup>1</sup>, ERNEST BARBOSA<sup>2</sup>, INDERJIT SINGH<sup>3</sup>, AVTAR SINGH<sup>4</sup>, MANJEET PAINTILIA<sup>3</sup>, <sup>1</sup>Medical University of South Carolina, Obstetrics and Gynecology, Charleston, South Carolina <sup>2</sup>Medical University of South Carolina, Departments of Pediatrics and Neurology, Charleston, South Carolina <sup>3</sup>Medical University of South Carolina, Department of Pediatrics, Charleston, South Carolina <sup>4</sup>Medical University of South Carolina and Ralph Johnson VA Medical Center, Department of Pathology and Laboratory Medicine, Charleston, South Carolina
- 2:15**      **13**      **THE EFFECT OF FETAL PROGRAMMING ON THE EXPRESSION OF GENES INVOLVED IN ADULT VASCULAR FUNCTION**
- MONICA LONGO<sup>1</sup>, FANGXIAN LU<sup>1</sup>, VENU JAIN<sup>1</sup>, RADEK BUKOWSKI<sup>1</sup>, GARY HANKINS<sup>1</sup>, GARLAND ANDERSON<sup>1</sup>, GEORGE SAADE<sup>1</sup>, <sup>1</sup>University of Texas Medical Branch, Obstetrics and Gynecology, Galveston, Texas
- 2:30**      **14**      **EFFICACY OF ENOXAPARIN FOR IMPROVING PREGNANCY OUTCOMES AND UTEROPLACENTAL BLOOD FLOW IN WOMEN WITH THROMBOPHILIA AND RECURRENT PREGNANCY LOSS**
- ISRAEL THALER<sup>1</sup>, BENJAMIN BRENNER<sup>2</sup>, <sup>1</sup>Technion- Israel Institute of Technology, Obstetrics & Gynecology, Haifa, <sup>2</sup>Rambam Medical Center, Hematology, Haifa, Israel
- 2:45**      **15**      **THE INFLUENCE OF PRIOR ROUTE OF DELIVERY: POSTPARTUM MATERNAL AND NEONATAL OUTCOMES**
- ANNA MCKEOWN<sup>1</sup>, DAVID LAGREW<sup>2</sup>, MELISSA BUSH<sup>2</sup>, JAMES KURTZMAN<sup>2</sup>, <sup>1</sup>University of California, Irvine, OB/Gyn Maternal Fetal Medicine, Orange, California <sup>2</sup>Saddleback Memorial Medical Center, Maternal Fetal Medicine, Laguna Hills, California

3:00	16	<b>ABSENCE OF ASSOCIATION OF INHERITED THROMBOPHILIA WITH UNEXPLAINED THIRD TRIMESTER INTRAUTERINE FETAL DEATH</b>	<u>RON GONEN</u> <sup>1</sup> , NOA LAVI <sup>2</sup> , DINA ATTIAS <sup>3</sup> , LILIANA SCHLIAMSER <sup>3</sup> , ZVI BOROCHOWITZ <sup>4</sup> , ELIAS TOUBI <sup>5</sup> , <sup>1</sup> Technion- Israel Institute of Technology, Obstetrics & Gynecology, Bnai Zion Medical Center, Haifa, Israel <sup>2</sup> Technion- Israel Institute of Technology, Haifa, <sup>3</sup> Technion- Israel Institute of Technology, Division of Hematology, Bnai Zion Medical Center, Haifa, Israel <sup>4</sup> Technion- Israel Institute of Technology, Institute of Genetics, Bnai Zion Medical Center, Haifa, Israel <sup>5</sup> Technion- Israel Institute of Technology, Division of Clinical Immunology, Haifa, Israel
3:15	17	<b>METFORMIN (M) VS. INSULIN (I) IN A2 DIABETICS; A RANDOMIZED CLINICAL TRIAL</b>	<u>LISA MOORE</u> <sup>1</sup> , CHRISTIAN BRIERY <sup>2</sup> , RICK MARTIN <sup>2</sup> , ELIZABETH HOOD <sup>2</sup> , JAMES BOFILL <sup>2</sup> , JOHN MORRISON <sup>2</sup> , <sup>1</sup> University of New Mexico, Obstetrics and Gynecology, Albuquerque, New Mexico <sup>2</sup> University of Mississippi Medical Center, Obstetrics & Gynecology, Jackson, Mississippi

Thursday, February 10, 2005

1:15PM to 3:30PM	<b>Oral Concurrent Session 2</b> Moderators: Nancy S. Green, MD, Medical Director, March of Dimes George R. Saade, MD Robert Goldenberg, MD, 2005 Honorary Member	Tahoe	
1:15	18	<b>TISSUE-SPECIFIC ENGRAFTMENT OF MESENCHYMAL STEM CELLS AFTER IN-UTERO TRANSPLANTATION IN OVINE FETUSES</b>	<u>DANIEL SURBEK</u> <sup>1</sup> , ANDREINA SCHOEBERLEIN <sup>1</sup> , LISBETH DUDLER <sup>1</sup> , WOLFGANG HOLZGREVE <sup>1</sup> , <sup>1</sup> University of Basel, Obstetrics and Gynecology, Basel, Switzerland
1:30	19	<b>MATERNAL MORBIDITY AFTER FETAL SURGERY</b>	<u>ROBERT BALL</u> <sup>1</sup> , KIRSTIN GOLOMBECK <sup>2</sup> , VOLKER JACOBS <sup>3</sup> , HANMIN LEE <sup>4</sup> , JODY FARRELL <sup>5</sup> , DIANA FARMER <sup>4</sup> , ROY FILLY <sup>6</sup> , MARK ROSEN <sup>7</sup> , MICHAEL HARRISON <sup>4</sup> , <sup>1</sup> University of California, San Francisco, Fetal Treatment Center and Dept of OB/GYN, San Francisco, California <sup>2</sup> University of Kiel, Dept of OB/GYN, Kiel, <sup>3</sup> Technical University, Munich, Germany, Dept of OB/GYN, Munich, <sup>4</sup> University of California, San Francisco, Fetal Treatment Center and Dept of Surgery, San Francisco, California <sup>5</sup> University of California, San Francisco, Fetal Treatment Center, San Francisco, California <sup>6</sup> University of California, San Francisco, Dept of Radiology, San Francisco, California <sup>7</sup> University of California, San Francisco, Anesthesia & Perioperative Care, San Francisco, California
1:45	20	<b>N-ACETYL-CYSTEINE (NAC) PROTECTS THE FETAL BRAIN FROM INFLAMMATORY CYTOKINE RESPONSES TO LIPOPOLYSACCHARIDE (LPS)</b>	<u>RON BELOOSESKY</u> <sup>1</sup> , DAVE GAYLE <sup>1</sup> , FATANEH AMIDI <sup>1</sup> , JOOBY BABU <sup>1</sup> , MINA DESAI <sup>1</sup> , MICHAEL ROSS <sup>1</sup> , <sup>1</sup> Harbor-UCLA Med. Ctr., Dept. of OB/GYN (LA BioMed), Torrance, California
2:00	21	<b>UMBILICAL ARTERY EXTRACELLULAR MATRIX REMODELING IN FETAL GROWTH RESTRICTION</b>	<u>WENDY KINZLER</u> <sup>1</sup> , JOHN SMULIAN <sup>1</sup> , C. ANDREW KISTLER <sup>2</sup> , RITA HAHN <sup>2</sup> , PEIHONG ZHOU <sup>2</sup> , MARION GORDON <sup>2</sup> , <sup>1</sup> UMDNJ-Robert Wood Johnson Medical School/Robert Wood Johnson University Hospital, Obstetrics, Gynecology and Reproductive Sciences, New Brunswick, New Jersey <sup>2</sup> Rutgers, The State University of New Jersey, Pharmacology and Toxicology, Rutgers College of Pharmacy, Piscataway, New Jersey
2:15	22	<b>PREVENTIVE EFFECT OF RECOMBINANT HUMAN LACTOFERRIN IN A RABBIT PRETERM DELIVERY MODEL</b>	AKITOSHI HASEGAWA <sup>1</sup> , <u>KATSUFUMI OTSUKI</u> <sup>1</sup> , YASUSHI SASAKI <sup>1</sup> , MAKI SAWADA <sup>1</sup> , KAORI MITSUKAWA <sup>1</sup> , HIROSHI CHIBA <sup>1</sup> , MASAOKI NAGATSUKA <sup>1</sup> , TAKASHI OKAI <sup>1</sup> , <sup>1</sup> Showa University Tokyo, Obstetrics and Gynecology, Tokyo
2:30	23	<b>PROGESTERONE FOR PREVENTION OF RECURRENT PRETERM BIRTH: IMPACT OF GESTATIONAL AGE AT PRIOR DELIVERY</b>	<u>CATHERINE Y SPONG</u> <sup>1</sup> , <sup>1</sup> NICHD MFMU Network, Bethesda, Maryland
2:45	24	<b>RELATIONSHIP OF MIDTRIMESTER FETAL FIBRONECTIN (FFN) CONCENTRATION TO ANTIBIOTIC EFFICACY FOR THE PREVENTION OF SPONTANEOUS PRETERM BIRTH IN ASYMPTOMATIC FFN POSITIVE WOMEN</b>	<u>PATRICK RAMSEY</u> <sup>1</sup> , <sup>1</sup> National Institutes of Health/NICHD Maternal-Fetal Medicine Units Network, Obstetrics/Gynecology, Birmingham, Alabama
3:00	25	<b>CERVICAL ANTI-INFLAMMATORY CYTOKINE CONCENTRATIONS ARE DECREASED AMONG PREGNANT WOMEN WITH BACTERIAL VAGINOSIS</b>	<u>HYAGRIV SIMHAN</u> <sup>1</sup> , STEVE CARITIS <sup>1</sup> , SHARON HILLIER <sup>1</sup> , MARIJANE KROHN <sup>1</sup> , <sup>1</sup> University of Pittsburgh, Obstetrics, Gynecology and Reproductive Sciences, Pittsburgh, Pennsylvania
3:15	26	<b>RACIAL DIFFERENCES IN THE FETAL MEMBRANE INFLAMMATORY RESPONSE: A POSSIBLE EXPLANATION FOR THE ETHNIC DISPARITY IN PREMATURITY</b>	<u>STEPHEN FORTUNATO</u> <sup>1</sup> , SALVATORE LOMBARDI <sup>2</sup> , RAMKUMAR MENON <sup>3</sup> , <sup>1</sup> THE PERINATAL RESEARCH CENTER, MATERNAL-FETAL MEDICINE, NASHVILLE, Tennessee <sup>2</sup> Maternal-Fetal Medicine, Nashville, Tennessee <sup>3</sup> Perinatal Research Center, NASHVILLE, Tennessee

## Friday, February 11, 2005

8:00AM to 10:00AM	<b>Oral Plenary Session II (Fellows Plenary)</b> Moderators: Daniel F. O'Keeffe, MD Robert J. Sokol, MD	Hilton Pavilion
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| 8:00 | 27*** | <b>FIBRIN ENHANCES DIFFERENTIATION, BUT NOT APOPTOSIS, AND LIMITS HYPOXIC INJURY OF CULTURED TERM HUMAN TROPHOBLASTS</b>   | <u>RACHEL HUMPHREY</u> <sup>1</sup> , STEVEN SMITH <sup>1</sup> , LIYI PANG <sup>1</sup> , YOEL SADOVSKY <sup>2</sup> , D.MICHAEL NELSON <sup>1</sup> , <sup>1</sup> Washington University in St. Louis, Ob/Gyn, St. Louis, Missouri <sup>2</sup> Washington University in St. Louis, Cell Bio & Physiology and Ob/Gyn, Saint Louis, Missouri  |
| 8:15 | 28    | <b>FETAL ORIGINS OF DISEASE AND DETERMINANTS OF CHROMATIN STRUCTURE: OVERFEEDING ALTERS DNA METHYLATION IN FIRST GENERATION OFFSPRING AMONG NON-HUMAN PRIMATES</b>                     | <u>KJERSTI AAGAARD-TILLERY</u> <sup>1</sup> , KEVIN GROVE <sup>2</sup> , M. SMITH <sup>3</sup> , XING YU <sup>4</sup> , ROBERT MCKNIGHT <sup>4</sup> , DAVID BRANCH <sup>1</sup> , ROBERT LANE <sup>4</sup> , <sup>1</sup> University of Utah, Obstetrics and Gynecology, Salt Lake City, Utah <sup>2</sup> Oregon Health & Science University, ONPRC Research Neuro, Portland, Oregon <sup>3</sup> Oregon Health & Science University, ONPRC Director's Office, Portland, Oregon <sup>4</sup> University of Utah, Division of Neonatology, Salt Lake City, Utah |
| 8:30 | 29    | <b>ASSOCIATION OF NEONATAL TUMOR NECROSIS FACTOR RECEPTOR 2 (TNFR2) GENE POLYMORPHISM WITH RESPIRATORY DISTRESS SYNDROME (RDS) IN THE FIRST BORN NEONATE OF MULTIFETAL PREGNANCIES</b> | <u>ROBIN B. KALISH</u> <sup>1</sup> , DANIEL NGUYEN <sup>1</sup> , SANTOSH VARDHANA <sup>1</sup> , SRIRAM C. PERNI <sup>1</sup> , MERUKA GUPTA <sup>1</sup> , STEVEN S. WITKIN <sup>1</sup> , <sup>1</sup> Weill Medical College of Cornell University, Obstetrics and Gynecology, New York, New York  |
| 8:45 | 30    | <b>DIFFERENTIAL IMMUNE ACTIVATION IN MID-TRIMESTER AMNIOTIC FLUID FROM SINGLETON AND TWIN PREGNANCIES</b>  | <u>SRIRAM C. PERNI</u> <sup>1</sup> , ROBIN B. KALISH <sup>1</sup> , J MILTON HUTSON <sup>1</sup> , EMRE KARASAHIN <sup>1</sup> , ANN MARIE BONGIOVANNI <sup>1</sup> , STEPHEN T. CHASEN <sup>1</sup> , STEVEN S. WITKIN <sup>1</sup> , <sup>1</sup> Weill Medical College of Cornell University, Obstetrics and Gynecology, New York, New York  |
| 9:00 | 31    | <b>MICROCHIMERISM FOLLOWING CANINE IN UTERO HEMATOPOIETIC STEM CELL TRANSPLANTATION: DEVELOPMENT OF T-CELL DOSING REGIMENS</b>   | <u>SCOTT PETERSEN</u> <sup>1</sup> , MARIYA GENDELMAN <sup>1</sup> , KATHLEEN MURPHY <sup>2</sup> , MICHAEL TORBENSON <sup>2</sup> , RICHARD JONES <sup>3</sup> , JANYNE ALTHAUS <sup>1</sup> , KARIN BLAKEMORE <sup>1</sup> , <sup>1</sup> Johns Hopkins University, Gynecology and Obstetrics, Baltimore, Maryland <sup>2</sup> Johns Hopkins University, Pathology, Baltimore, Maryland <sup>3</sup> Johns Hopkins University, Oncology Center, Baltimore, Maryland   |
| 9:15 | 32    | <b>URINARY ANGIOGENIC FACTORS CLUSTER HYPERTENSIVE DISORDERS AND IDENTIFY WOMEN WITH SEVERE PREECLAMPSIA</b>   | <u>CATALIN BUHIMSCHI</u> <sup>1</sup> , ERROL NORWITZ <sup>1</sup> , SUSAN RICHMAN <sup>1</sup> , EDMUND FUNAI <sup>1</sup> , SETH GULLER <sup>1</sup> , CHARLES LOCKWOOD <sup>1</sup> , IRINA BUHIMSCHI <sup>1</sup> , <sup>1</sup> Yale University, Ob/Gyn & Reprod Sci, New Haven, Connecticut  |
| 9:30 | 33    | <b>PROSPECTIVE RANDOMIZED CLINICAL TRIAL OF INPATIENT CERVICAL RIPENING WITH STEPWISE ORAL MISOPROSTOL VERSUS VAGINAL MISOPROSTOL</b>  | <u>IRIS COLON</u> <sup>1</sup> , KAYTHA CLAWSON <sup>1</sup> , MARK TASLIMI <sup>1</sup> , MAURICE DRUZIN <sup>1</sup> , <sup>1</sup> Stanford University, Obstetrics and Gynecology, Stanford, California   |
| 9:45 | 34    | <b>EP4 RECEPTOR ACTIVATION PRODUCES QUANTIFIABLE DECREASE IN CERVICAL COLLAGEN CONTENT</b>   | <u>HELEN FELTOVICH</u> <sup>1</sup> , HUILING JI <sup>1</sup> , COLLEEN CARROLL <sup>1</sup> , JESSIE JANOWSKI <sup>1</sup> , ELIZABETH BONNEY <sup>1</sup> , EDWARD CHIEN <sup>2</sup> , <sup>1</sup> University of Vermont, Obstetrics and Gynecology, Burlington, Vermont <sup>2</sup> Brown University, Women and Infants Hospital of Rhode Island, Providence, Rhode Island   |

\*\*\* Dr. Rachel Humphrey is the SMFM 2002-2004 Scholarship Award recipient.

Friday, February 11, 2005

1:15PM to 3:30PM	<b>Oral Concurrent Session 3</b> Moderators: Sarah J. Kilpatrick, MD, PhD Michael P. Nageotte, MD	Hilton Pavilion
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1:15	35	<b>GENE EXPRESSION IN THE HUMAN PREGNANT UTERUS BEFORE AND DURING PARTURITION</b>	<u>NDAYA MULEBA</u> <sup>1</sup> , J. HAVELOCK <sup>1</sup> , BRIAN CASEY <sup>1</sup> , PATRICK KELLER <sup>1</sup> , R. WORD <sup>1</sup> , WILLIAM RAINEY <sup>1</sup> , <sup>1</sup> University of Texas Southwestern Medical Center, Obstetrics & Gynecology, Dallas, Texas
1:30	36	<b>THE BIOMECHANICS OF CERVICAL FUNNELING: THE EFFECT OF STROMA PROPERTIES, ANATOMIC GEOMETRY AND PELVIC FORCES ON FUNNEL FORMATION</b>	<u>MICHAEL HOUSE</u> <sup>1</sup> , ANASTASSIA PASKALEVA <sup>2</sup> , KRISTIN MYERS <sup>2</sup> , SEBASTIEN FEBVAY <sup>2</sup> , SABRINA CRAIGO <sup>1</sup> , SIMONA SOCRATE <sup>2</sup> , <sup>1</sup> Tufts-New England Medical Center, Maternal Fetal Medicine, Boston, Massachusetts <sup>2</sup> Massachusetts Institute of Technology, Mechanical Engineering, Cambridge, Massachusetts
1:45	37	<b>THE MFMU CESARAEAN SECTION REGISTRY: MATERNAL MORBIDITY ASSOCIATED WITH MULTIPLE REPEAT CESAREAN DELIVERY</b>	<u>ROBERT M. SILVER</u> <sup>1</sup> , <sup>1</sup> MFMU Network, NICHD, Bethesda, Maryland
2:00	38	<b>THE MFMU CESAREAN REGISTRY: FACTORS AFFECTING THE SUCCESS OF TRIAL OF LABOR FOLLOWING PRIOR CESAREAN DELIVERY</b>	<u>MARK LANDON</u> <sup>1</sup> , <sup>1</sup> MFMU Network, NICHD, Bethesda, Maryland
2:15	39	<b>RADIOFREQUENCY ABLATION FOR TRAP SEQUENCE</b>	<u>HANMIN LEE</u> <sup>1</sup> , AMY WAGNER <sup>2</sup> , BALL ROBERT <sup>3</sup> , VICKIE FELDSTEIN <sup>4</sup> , DIANA FARMER <sup>2</sup> , NOBUHARA KERILYN <sup>2</sup> , FARRELL JODY <sup>2</sup> , HARRISON MICHAEL <sup>2</sup> , <sup>1</sup> University of California, San Francisco, Surgery, Pediatrics, & OB/GYN, San Francisco, California <sup>2</sup> University of California, San Francisco, Pediatric Surgery, San Francisco, California <sup>3</sup> University of California, San Francisco, OB-GYN, San Francisco, California <sup>4</sup> University of California, San Francisco, Radiology, San Francisco, California
2:30	40	<b>SELECTIVE REDUCTION OF MULTIFETAL PREGNANCY USING HIGH INTENSITY FOCUSED ULTRASOUND IN THE RABBIT MODEL</b>	<u>BETTINA PAEK</u> <sup>1</sup> , SHAHRAM VAEZY <sup>2</sup> , JESSICA FOLEY <sup>2</sup> , FRANK STARR <sup>2</sup> , LARRY SHIELDS <sup>1</sup> , <sup>1</sup> University of Washington, Obstetrics and Gynecology, Seattle, Washington <sup>2</sup> University of Washington, Department of Bioengineering, Seattle, Washington
2:45	41	<b>A RANDOMIZED CLINICAL TRIAL COMPARING VAGINAL MISOPROSTOL TO CERVICAL FOLEY PLUS ORAL MISOPROSTOL FOR CERVICAL RIPENING AND LABOR INDUCTION</b>	<u>BRAD THIGPEN</u> <sup>1</sup> , JAMES BOFILL <sup>1</sup> , LAURA BUFKIN <sup>1</sup> , THOMAS WOODRING <sup>1</sup> , LISA MOORE <sup>2</sup> , JOHN MORRISON <sup>1</sup> , <sup>1</sup> University of Mississippi Medical Center, Obstetrics & Gynecology, Jackson, Mississippi <sup>2</sup> University of New Mexico, Obstetrics and Gynecology, Albuquerque, New Mexico
3:00	42	<b>INTRAHEPATIC CHOLESTASIS OF PREGNANCY (ICP) - THE RELATIONSHIP BETWEEN FETAL COMPLICATION RATES AND TOTAL SERUM BILE ACID LEVELS</b>	<u>ANNA GLANTZ</u> <sup>1</sup> , LARS-AKE MATTSSON <sup>2</sup> , <sup>1</sup> Institution of womens and childrens health, dept Obstetrics and Gynaecology, Sahlgrens Hospital/East, Gothenburg, Sweden, Gothenburg, <sup>2</sup> Institution of womens and childrens health, dept Obstetrics and Gynaecology, Sahlgrens Hospital/East, Gothenburg
3:15	43	<b>THE ASSOCIATION BETWEEN TIME OF BIRTH AND FETAL INJURY RESULTING IN DEATH</b>	<u>ADAM URATO</u> <sup>1</sup> , SABRINA CRAIGO <sup>1</sup> , WILLIAM O'BRIEN <sup>2</sup> , <sup>1</sup> Tufts University, Boston, Massachusetts <sup>2</sup> University of South Florida, Tampa, Florida

## Friday, February 11, 2005

1:15PM to 3:30PM

### Oral Concurrent Session 4

Moderators: Robin Field, MD

Catherine Y. Spong, MD

Tahoe

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| 1:15 | 44 | <b>THE EFFECT OF SMOKING ON THE TIME COURSE RELEASE OF CATECHOLAMINES AND CORTICOTROPIN RELEASING (CRH) HORMONE</b>                                | <u>KEVIN JUSTUS</u> <sup>1</sup> , CHANDER ARORA <sup>2</sup> , MEENU SANDHU <sup>3</sup> , CALVIN HOBEL <sup>4</sup> , <sup>1</sup> Cedars Sinai Medical Center, Maternal Fetal Medicine, Los Angeles, California <sup>2</sup> Cedars Sinai Medical Center, Ob/Gyn, Los Angeles, California <sup>3</sup> Cedars Sinai Medical Center, Biostatistics, Los Angeles, California <sup>4</sup> University of California, Los Angeles, Maternal-Fetal Medicine, Los Angeles, California   |
| 1:30 | 45 | <b>SPONTANEOUS TERM PARTURITION IS ASSOCIATED WITH DECREASED AMNIOTIC FLUID SURFACTANT PROTEIN A CONCENTRATION</b>                                 | <u>JOON-SEOK HONG</u> <sup>1</sup> , WILLIAM HULL <sup>2</sup> , TINNAKORN CHAIWORAPONGSA <sup>3</sup> , JEFFREY WHITSETT <sup>2</sup> , ROBERTO ROMERO <sup>1</sup> , <sup>1</sup> Perinatology Research Branch, NICHD, NIH, DHHS, Bethesda, Maryland <sup>2</sup> Cincinnati Children's Hospital Medical Center and the University of Cincinnati College of Medicine, Cincinnati, Ohio <sup>3</sup> Wayne State University School of Medicine, Department of Obstetrics and Gynecology, Detroit, Michigan  |
| 1:45 | 46 | <b>EVIDENCE FOR THE PARTICIPATION OF BONE MORPHOGENETIC PROTEIN-2 IN NORMAL SPONTANEOUS LABOR AT TERM</b>  | <u>GI JIN KIM</u> <sup>1</sup> , HELENA KUIVANIEMI <sup>2</sup> , GERARD TROMP <sup>2</sup> , YEON MEE KIM <sup>3</sup> , MI RAN KIM <sup>1</sup> , JOON-SEOK HONG <sup>1</sup> , BO HYUN YOON <sup>4</sup> , CHONG JAI KIM <sup>4</sup> , MOSHE MAZOR <sup>5</sup> , ROBERTO ROMERO <sup>1</sup> , <sup>1</sup> Perinatology Research Branch, NICHD, NIH, DHHS, Bethesda, Maryland <sup>2</sup> Wayne State University, Center for Molecular Medicine and Genetics, Detroit, Michigan <sup>3</sup> Wayne State University School of Medicine, Department of Pathology, Bethesda, Maryland <sup>4</sup> Seoul National University College of Medicine, Seoul, Korea <sup>5</sup> Soroka University Medical Center, Department of Obstetrics and Gynecology, Beer Sheva, Israel   |
| 2:00 | 47 | <b>DETERMINANTS OF FETAL GROWTH IMPAIRMENT</b>   | <u>RADEK BUKOWSKI</u> <sup>1</sup> , GEORGE SAADE <sup>1</sup> , FERGAL MALONE <sup>2</sup> , F. PORTER <sup>3</sup> , DAVID NYBERG <sup>4</sup> , CHRISTINE COMSTOCK <sup>5</sup> , KEITH EDDLEMAN <sup>6</sup> , SUSAN GROSS <sup>7</sup> , LORRAINE DUGOFF <sup>8</sup> , SABRINA CRAIGO <sup>9</sup> , ILAN TIMOR <sup>10</sup> , STEPHEN R. CARR <sup>11</sup> , HONOR WOLFE <sup>12</sup> , KAREN TRAISTER <sup>13</sup> , MARY D'ALTON <sup>2</sup> , <sup>1</sup> University of Texas Medical Branch, Obstetrics and Gynecology, Galveston, Texas <sup>2</sup> Columbia University, Maternal Fetal Medicine, New York, New York <sup>3</sup> University of Utah, Obstetrics and Gynecology, Salt Lake City, Utah <sup>4</sup> Swedish Medical Center, Perinatal Medicine, Seattle, Washington <sup>5</sup> William Beaumont Hospital, Obstetrics and Gynecology, Royal Oak, Michigan <sup>6</sup> Mount Sinai Medical Center, Obstetrics and Gynecology, New York, New York <sup>7</sup> Montefiore Medical Center, Obstetrics and Gynecology, Bronx, New York <sup>8</sup> University of Colorado Health Sciences Center, Obstetrics and Gynecology, Denver, Colorado <sup>9</sup> Tufts University, Obstetrics and Gynecology, Boston, Massachusetts <sup>10</sup> New York University, Obstetrics and Gynecology, New York, New York <sup>11</sup> Women and Infants Hospital, Obstetrics and Gynecology, Providence, Rhode Island <sup>12</sup> University of North Carolina, Obstetrics and Gynecology, Chapel Hill, North Carolina <sup>13</sup> DM Stat, Medford, Massachusetts |
| 2:15 | 48 | <b>HUMAN FETAL CARDIOVASCULAR HEMODYNAMICS AND UMBILICAL ARTERY N-TERMINAL PEPTIDE OF PROB-TYPE NATRIURETIC PEPTIDE IN PLACENTAL INSUFFICIENCY</b> | <u>ANNA GIRSEN</u> <sup>1</sup> , MINNA ALA-KOPSALA <sup>2</sup> , KAARIN MAKIKALLIO <sup>1</sup> , OLLI VUOLTEENAHO <sup>3</sup> , JUHA RASANEN <sup>1</sup> , <sup>1</sup> University of Oulu, Obstetrics and Gynecology, Oulu, Finland <sup>2</sup> University of Oulu, Physiology, Oulu, Finland <sup>3</sup> University of Oulu, Physiology and Biocenter Oulu, Oulu, Finland   |
| 2:30 | 49 | <b>FETAL DOPPLER IN IUGR PREDICTS LONGTERM NEURODEVELOPMENT</b>  | <u>AHMET BASCHAT</u> <sup>1</sup> , NADEEM HASHMI <sup>2</sup> , MICHELLE KUSH <sup>1</sup> , ROSE VISCARDI <sup>2</sup> , CARL P WEINER <sup>3</sup> , CHRISTOPHER HARMAN <sup>1</sup> , <sup>1</sup> University of Maryland at Baltimore, Obstetrics, Gynecology and Reproductive Sciences, Baltimore, Maryland <sup>2</sup> University of Maryland at Baltimore, Pediatrics, Baltimore, Maryland <sup>3</sup> University of Maryland at Baltimore, Physiology, Baltimore, Maryland  |



2:45	50	<b>FIRST TRIMESTER UTERINE ARTERY DOPPLER AND SUBSEQUENT INTRAUTERINE GROWTH RESTRICTION AND PRETERM BIRTH</b>	<p><u>LORRAINE DUGOFF</u><sup>1</sup>, JOHN HOBBS<sup>2</sup>, VINCENT FABER<sup>3</sup>, FERGAL MALONE<sup>4</sup>, MICHAEL BELFORT<sup>5</sup>, DAVID NYBERG<sup>6</sup>, CHRISTINE COMSTOCK<sup>7</sup>, RADEK BUKOWSKI<sup>8</sup>, KEITH EDDLEMAN<sup>9</sup>, SUSAN GROSS<sup>10</sup>, SABRINA CRAIGO<sup>11</sup>, ILAN E. TIMOR<sup>12</sup>, STEPHEN CARR<sup>13</sup>, HONOR WOLFE<sup>14</sup>, MARY E. D'ALTON<sup>4</sup>, <sup>1</sup>University of Colorado Health Sciences Center, Obstetrics and Gynecology, Denver, Colorado <sup>2</sup>University of Colorado Health Sciences Center, Pediatrics, denver, Colorado <sup>3</sup>Dm-Stat, Medford, Massachusetts <sup>4</sup>Columbia University, Maternal Fetal Medicine, New York, New York <sup>5</sup>Utah Valley Regional Medical Center, Provo, Utah <sup>6</sup>Swedish Medical Center, Perinatal Medicine, Seattle, Washington <sup>7</sup>William Beaumont Hospital, Royal Oak, Michigan <sup>8</sup>University of Texas Medical Branch, Galveston, Texas <sup>9</sup>Mount Sinai School of Medicine, Obstetrics, Gynecology and Reproductive Science, New York, New York <sup>10</sup>Albert Einstein College of Medicine, Obstetrics &amp; Gynecology and Women's Health, Bronx, New York <sup>11</sup>New England Medical Center, Department of Maternal Fetal Medicine, Boston, Massachusetts <sup>12</sup>New York University Medical Center, Obstetrics and Gynecology, New York, New York <sup>13</sup>Women and Infants' Hospital, Maternal Fetal Medicine, Providence, Rhode Island <sup>14</sup>University of North Carolina, Department of Obstetrics and Gynecology, Chapel Hill, North Carolina</p>
3:00	51	<b>TARGETING THE FETAL RESPIRATORY MUSCLES FOR PRENATAL GENE THERAPY FOR DUCHENNE MUSCULAR DYSTROPHY</b>	<p><u>BOAZ WEISZ</u><sup>1</sup>, ANNA DAVID<sup>1</sup>, DONALD PEEBLES<sup>1</sup>, LISA GREGORY<sup>2</sup>, DANY PEROCHEAU<sup>1</sup>, SIMON WADDINGTON<sup>2</sup>, MIKE THEMIS<sup>2</sup>, TERRY COOK<sup>3</sup>, CHARLES COUTELLE<sup>2</sup>, CHARLES RODECK<sup>1</sup>, <sup>1</sup>University College London, Obstetrics and Gynaecology, London, <sup>2</sup>Imperial College of Science, Technology and Medicine, University of London, Gene Therapy Research Group, Section of Molecular Genetics, London, <sup>3</sup>Imperial College of Science, Technology and Medicine, University of London, Department of Histopathology, London</p>
3:15	52	<b>NO PHENOTYPE ASSOCIATED WITH ESTABLISHED LIPOPOLYSACCHARIDE MODEL FOR CEREBRAL PALSY</b>	<p><u>JANE PARK</u><sup>1</sup>, SARAH POGGI<sup>2</sup>, LAURA TOSO<sup>1</sup>, DANIEL ABEBE<sup>1</sup>, HAIM EINAT<sup>3</sup>, CATHERINE SPONG<sup>1</sup>, <sup>1</sup>UPDN, NICHD, NIH, Bethesda, Maryland <sup>2</sup>Georgetown University Hospital, Dept. OB-GYN, Washington, District of Columbia <sup>3</sup>LMP, NIMH, NIH, Bethesda, Maryland</p>

**Saturday, February 12, 2005**

8:00AM to 10:00AM		<b>Oral Concurrent Session 5</b> Moderators: Richard Depp, MD Katharine D. Wenstrom, MD	Tahoe
8:00	53	<b>CONTINGENCY SCREENING: MODELING OF AN ALTERNATE PATHWAY FOR FIRST TRIMESTER DOWN SYNDROME RISK ASSESSMENT</b>	<u>RAY O. BAHADO-SINGH</u> <sup>1</sup> , MAURICE J. MAHONEY <sup>1</sup> , JULIA ZACHARY <sup>1</sup> , RONALD J. WAPNER <sup>1</sup> , <sup>1</sup> for the NICHD BUN Study Group, Rockville, Maryland
8:15	54	<b>NOVEL FUNCTIONAL SEQUENCE VARIANTS IN THE PROMOTER OF A GENE DOWNREGULATED IN PRETERM PROM: A POSSIBLE GENETIC BASIS FOR THE PREDISPOSITION TO MEMBRANE RUPTURE?</b>	<u>MAHBOOB CHOWDHURY</u> <sup>1</sup> , GERARD TROMP <sup>1</sup> , HELENA KUIVANIEMI <sup>2</sup> , SAM EDWIN <sup>3</sup> , ROBERTO ROMERO <sup>3</sup> , <sup>1</sup> Wayne State University, Center for Molecular Medicine and Genetics, Detroit, Michigan <sup>2</sup> Wayne State University, Center for Molecular Medicine and Genetics/Surgery, Detroit, Michigan <sup>3</sup> National Institute of Child Health and Human Development, Perinatology Research Branch, Detroit, Michigan
8:30	55	<b>DETERMINATION OF ENGRAFTMENT POTENTIAL OF HUMAN CORD BLOOD STEM-PROGENITOR CELLS AS A FUNCTION OF DONOR CELL DOSAGE AND GESTATIONAL AGE IN THE NOD/SCID MOUSE MODEL</b>	<u>SERDAR URAL</u> <sup>1</sup> , KARIN BLAKEMORE <sup>2</sup> , <sup>1</sup> University of Pennsylvania School of Medicine, Department of Obstetrics and Gynecology, Philadelphia, Pennsylvania <sup>2</sup> The Johns Hopkins University School of Medicine, Department of Gynecology and Obstetrics, Baltimore, Maryland
8:45	56	<b>THE ADDITION OF ABSENT NASAL BONE INCREASES THE SENSITIVITY OF SECOND TRIMESTER GENETIC SONOGRAPHY TO 92.8%</b>	<u>LAMI YEO</u> <sup>1</sup> , ANTHONY VINTZILEOS <sup>1</sup> , CANDE ANANTH <sup>1</sup> , EFTICHA KONTOPOULOS <sup>1</sup> , <sup>1</sup> UMDNJ-Robert Wood Johnson Medical School/Robert Wood Johnson University Hospital, Obstetrics, Gynecology and Reproductive Sciences, New Brunswick, New Jersey
9:00	57	<b>DOES THE PRESENCE OF A FUNNEL INCREASE THE RISK OF ADVERSE PERINATAL OUTCOME IN A PATIENT WITH A SHORT CERVIX?</b>	<u>ORION RUST</u> <sup>1</sup> , ROBERT ATLAS <sup>1</sup> , WILLIAM ROBERTS <sup>1</sup> , WAYNE HESS <sup>1</sup> , <sup>1</sup> Lehigh Valley Hospital Health Network, Maternal Fetal Medicine, Allentown, Pennsylvania
9:15	58	<b>TRENDS IN TWIN PRETERM BIRTH SUBTYPES AND IMPACT ON PERINATAL MORTALITY: UNITED STATES, 1989 THROUGH 2000</b>	<u>CANDE ANANTH</u> <sup>1</sup> , KS JOSEPH <sup>2</sup> , KITAW DEMISSIE <sup>3</sup> , ANTHONY VINTZILEOS <sup>1</sup> , <sup>1</sup> University of Medicine and Dentistry of New Jersey/Robert Wood Johnson University Hospital, Obstetrics, Gynecology and Reproductive Sciences, New Brunswick, New Jersey <sup>2</sup> Dalhousie University, Department of Pediatrics, Halifax, Nova Scotia <sup>3</sup> University of Medicine and Dentistry of New Jersey, Department of Epidemiology, School of Public Health, Piscataway, New Jersey
9:30	59	<b>A PRIOR CESAREAN DELIVERY IS NOT ASSOCIATED WITH AN INCREASED RISK OF ANTEPARTUM STILLBIRTH IN A SUBSEQUENT PREGNANCY: ANALYSIS OF U.S. PERINATAL MORTALITY DATA, 1995-1997</b>	<u>MERT BAHTIYAR</u> <sup>1</sup> , JULIAN ROBINSON <sup>2</sup> , LAMBERT LUMEY <sup>3</sup> , PATRICIA ZYBERT <sup>3</sup> , JOSHUA COPEL <sup>1</sup> , CHARLES LOCKWOOD <sup>1</sup> , ERROL NORWITZ <sup>1</sup> , <sup>1</sup> Yale University, Obstetrics & Gynecology, New Haven, Connecticut <sup>2</sup> Brigham and Women's Hospital, Obstetrics & Gynecology, Boston, Massachusetts <sup>3</sup> Columbia University, Epidemiology, New York, New York
9:45	60	<b>MATERNAL-FETAL MEDICINE SPECIALIST DENSITY IS ASSOCIATED WITH A DECREASED RATE OF MATERNAL MORTALITY</b>	<u>SCOTT SULLIVAN</u> <sup>1</sup> , ROGER NEWMAN <sup>1</sup> , ELIZABETH HILL <sup>2</sup> , <sup>1</sup> Medical University of South Carolina, Obstetrics and Gynecology, Charleston, South Carolina <sup>2</sup> Medical University of South Carolina, Biometry and Epidemiology, Charleston, South Carolina

**Saturday, February 12, 2005**

8:00AM-10:00AM		<b>Oral Concurrent Session 6</b>	Carson
		Moderators: Nancy C. Chescheir, MD Roger B. Newman, MD	
8:00	61	<b>FETAL INFLAMMATORY RESPONSE TO ORAL PATHOGENS AND PRETERM BIRTH</b>	<u>KIM BOGGESS</u> <sup>1</sup> , SUSAN LIEFF <sup>2</sup> , KEVIN MOSS <sup>1</sup> , JAMES BECK <sup>1</sup> , STEVEN OFFENBACHER <sup>1</sup> , AMY MURTHA <sup>1</sup> , <sup>1</sup> University of North Carolina at Chapel Hill, Chapel Hill, North Carolina <sup>2</sup> Rho World, Chapel Hill, North Carolina
8:15	62	<b>EXPRESSION OF DC-SIGN ON HUMAN DECIDUA: A POTENTIAL MECHANISM FOR TRANSPLENTAL TRANSMISSION OF HIV, CMV, AND OTHER INFECTIOUS AGENTS</b>	<u>MARYAM TARSA</u> <sup>1</sup> , MAGDALENA MOUTAFTSI <sup>2</sup> , KUMUD SINGH <sup>2</sup> , STEPHEN SPECTOR <sup>2</sup> , <sup>1</sup> University of California, San Diego, Reproductive Medicine, San Diego, California <sup>2</sup> University of California, San Diego, Pediatrics, La Jolla, California
8:30	63	<b>PRESENTATION OF INFLUENZA A IN PREGNANCY DURING THE 2003-2004 INFLUENZA SEASON</b>	<u>VANESSA LAIBL</u> <sup>1</sup> , JEANNE SHEFFIELD <sup>1</sup> , SCOTT ROBERTS <sup>1</sup> , JAMES LUBY <sup>2</sup> , ASSEFA TULU <sup>3</sup> , MARY LORIMER <sup>1</sup> , SYLVIA TREVENO <sup>4</sup> , GEORGE WENDEL JR. <sup>1</sup> , <sup>1</sup> University of Texas Southwestern Medical Center, Obstetrics and Gynecology, Dallas, Texas <sup>2</sup> University of Texas Southwestern Medical Center, Internal Medicine, Dallas, Texas <sup>3</sup> Dallas County Health Department, Dallas, Texas <sup>4</sup> Parkland Memorial Hospital, Infection Control, Dallas, Texas
8:45	64	<b>INTRAUTERINE AND NEONATAL OUTCOMES ASSOCIATED WITH CONGENITAL PARVOVIRUS B19 INFECTION</b>	<u>WL WHITTLE</u> <sup>1</sup> , EN KELLY <sup>2</sup> , R WINDRIM <sup>1</sup> , PGR SEAWARD <sup>1</sup> , S KEATING <sup>3</sup> , G RYAN <sup>1</sup> , <sup>1</sup> University of Toronto, Fetal Medicine Unit; Dept of Obstetrics and Gynecology, Toronto, Ontario <sup>2</sup> University of Toronto, Dep't of Pediatrics, Toronto, Ontario <sup>3</sup> University of Toronto, Dep't of Pathology, Toronto, Ontario
9:00	65	<b>IMPLANTATION OF GLIAL CELL LINE-DERIVED NEUROTROPHIC FACTOR-SECRETING CELLS PREVENTS LONG-LASTING LEARNING IMPAIRMENT FOLLOWING NEONATAL HYPOXIC-ISCHEMIC BRAIN INSULT IN RATS</b>	<u>SHINJI KATSURAGI</u> <sup>1</sup> , TOMOAKI IKEDA <sup>1</sup> , ISAO DATE <sup>2</sup> , TETSURO SHINGO <sup>2</sup> , TAKAO YASUHARA <sup>2</sup> , KENICHI MISHIMA <sup>3</sup> , MICHIMIRO FUJIWARA <sup>3</sup> , KATSUNORI IWASAKI <sup>3</sup> , NOBUAKI EGASHIRA <sup>3</sup> , NOAYA AOO <sup>3</sup> , TSUYOMU IKENOUE <sup>1</sup> , <sup>1</sup> Miyazaki Medical College, Department of Obstetrics and Gynecology, Kiyotake, <sup>2</sup> Okayama University Graduate School of Medicine and Dentistry, Department of Neurological Surgery, Okayama, <sup>3</sup> Fukuoka University, Department of Physiology and Pharmacology, Fukuoka
9:15	66	<b>HEMATOLOGIC INJURY IN ASPHYXIATED NEONATES SUFFICIENT TO RESULT IN PERMANENT NEUROLOGIC IMPAIRMENT</b>	<u>JEFFREY PHELAN</u> <sup>1</sup> , CORTNEY KIRKENDALL <sup>2</sup> , LISA KORST <sup>3</sup> , GILBERT MARTIN <sup>4</sup> , <sup>1</sup> Childbirth Injury Prevention Foundation, OB/Gyn Citrus Valley Medical Center, Pasadena, California <sup>2</sup> Childbirth Injury Prevention Foundation, Pasadena, California <sup>3</sup> Childrens Hospital, Pediatrics, Los Angeles, California <sup>4</sup> Citrus Valley Medical Center, Neonatology, West Covina, California
9:30	67	<b>THE INTERLEUKIN-6 -174 SINGLE NUCLEOTIDE POLYMORPHISM: CERVICAL PROTEIN PRODUCTION AND PRETERM DELIVERY</b>	<u>WHITNEY JAMIE</u> <sup>1</sup> , RODNEY EDWARDS <sup>1</sup> , RONALD FERGUSON <sup>1</sup> , PATRICK DUFF <sup>1</sup> , <sup>1</sup> University of Florida, Obstetrics and Gynecology, Gainesville, Florida
9:45	68	<b>POLYMORPHISM OF FAS AND FAS LIGAND IN PRETERM PREMATURE RUPTURE OF MEMBRANES</b>	<u>ALEKSANDR FUKS</u> <sup>1</sup> , LANCE PARTON <sup>2</sup> , SATYA POLAVARAPU <sup>1</sup> , DENISE NETTA <sup>3</sup> , SONYA STRASSBERG <sup>2</sup> , IOANA GODI <sup>2</sup> , CHAUR-DONG HSU <sup>1</sup> , <sup>1</sup> New York Medical College - Westchester Medical Center, Obstetrics and Gynecology, Valhalla, New York <sup>2</sup> New York Medical College - Westchester Medical Center, Pediatrics, Valhalla, New York <sup>3</sup> UMDNJ - Robert Wood Johnson Medical School / Robert Wood Johnson University Hospital, Obstetrics and Gynecology, New Brunswick, New Jersey