
18th Annual Western Perinatal Research Meeting

The Banff Centre ♦ Banff ♦ Alberta ♦ Canada

February 11th – 14th, 2010

THURSDAY, FEBRUARY 11th, 2010

1500 Registration to Western Perinatal Research Meeting

SYMPOSIUM: DETERMINANTS OF LOW BIRTH WEIGHT & PRETERM BIRTH

Chair: Dr. Prakesh Shah

1700 Symposium: Determinants of low birth weight and preterm birth: Knowledge synthesis and translation

Presentations

1. Burden of the problem of preterm birth/low birth weight
Dr. Prakesh Shah, Associate Professor, Dept. of Pediatrics, University of Toronto
2. Maternal demographics and past medical/obstetric history
Dr. Vibhuti Shah, Associate Professor, Dept. of Pediatrics, University of Toronto
3. Nutritional factors
Dr. Victoria Allen, Associate Professor, Dept. of Obs. & Gyn., Dalhousie University

1900 Dinner in Vistas Dining Room

FRIDAY, FEBRUARY 12th, 2010

06:30 Breakfast in Vistas Dining Room

SYMPOSIUM: DETERMINANTS OF LOW BIRTH WEIGHT & PRETERM BIRTH

Chair: Dr. Suzanne Tough

08:00 Symposium: Determinants of low birth weight and preterm birth: Knowledge synthesis and translation

Presentations

4. Maternal anthropometric factors
Dr. Sarah McDonald, Associate Professor, Dept. of Obs. & Gyn., McMaster University
5. Stress (acute, neighborhood factors)
Dr. Fran Scott, Associate Professor, Dalla Lana School of Public Health
6. Life style related factors
Dr. Kellie Murphy, Associate Professor, Dept. of Obs. & Gyn., University of Toronto
7. Environmental and occupational factors
Dr. Prakesh Shah, Associate Professor, Dept. of Pediatrics, University of Toronto
8. Substance abuse in pregnancy
Dr. Kellie Murphy, Associate Professor, Dept. of Obs. & Gyn., University of Toronto

10:55 Refreshment break

SYMPOSIUM: DETERMINANTS OF LOW BIRTH WEIGHT & PRETERM BIRTH

Chair: Dr. Kellie Murphy

11:10 Symposium: Determinants of low birth weight and preterm birth: Knowledge synthesis and translation

Presentations

9. ART

Dr. Sarah McDonald, Associate Professor, Dept. of Obs. & Gyn., McMaster University

10. Prenatal care

Dr. Eileen Hutton, Assistant Dean and Director of Midwifery, McMaster University

11. Parental factors

Dr. Christine Newburn-Cook, Associate Dean of Research, Faculty of Nursing, University of Alberta

12. Practical aspects of knowledge transfer

Corine Frick, Director, Alberta Perinatal Health Program, Calgary

13:00 Lunch in Vistas Dining Room

SCIENTIFIC SESSION

Chair: Dr. Jill Boulton

14:00 2 oral presentations (10 minutes each: 5 minutes for questions)

14:30 Dr. Nick Evans

Head of the Dept. of Neonatology

Royal Prince Alfred Hospital

Sydney, Australia

'Haemodynamic pathophysiology of the preterm transitional circulation'

15:15 Refreshment break

SCIENTIFIC SESSION

Chair: Dr. Kamran Yusuf

15:45 3 oral presentations (10 minutes each; 5 minutes for questions)

16:30 Dr. Patrick McNamara

Assistant Professor, Dept. of Pediatrics, University of Toronto

Clinician, Division of Neonatology

'Understanding the Ductus Arteriosus. Are we hemodynamically naive?'

17:15 End of Scientific Session

17:15 Poster Session (3 minutes each; 2 minutes for questions)

Moderated Poster Sessions

17:15

17:15

17:45

17:45

18:15

18:15

19:00 Welcome Reception

2010 Winter Olympics Opening Ceremony Broadcast

SATURDAY, FEBRUARY 13th, 2010

06:30 Breakfast in Vistas Dining Room

SCIENTIFIC SESSION

Chair: Dr. Wendy Hall

08:00 3 oral presentations (10 minutes each; 5 minutes for questions)

08:45 Dr. William Fraser

Professor & Chair of Obstetrics & Gynecology
University of Montreal

'Maternal Infant Research on Environmental Chemicals (MIREC): a national cohort study'

09:30 3 oral presentations (10 minutes each; 5 minutes for questions)

10:15 Refreshment break

SCIENTIFIC SESSION

Chair: Dr. Karen Benzies

10:30 3 oral presentations (10 minutes each; 5 minutes for questions)

11:15 Dr. Pathik Wadhwa

Associate Professor
Dept. of Psychiatry & Human Behaviour
University of California

'Impact of prenatal stress and stress biology in humans on birth and subsequent child health outcomes'

12:00 Lunch in Max Bell Auditorium

SCIENTIFIC SESSION

Chair: Dr. Denise Hemmings

13:15 3 oral presentations (10 minutes each; 5 minutes for questions)

14:00 Dr. Marek Zygmunt

Dept. of Obstetrics & Gynecology
University of Greifswald
Germany

'The amazing placenta and its contribution to our health and disease'

14:45 3 oral presentations (10 minutes each; 5 minutes for questions)

15:30 Refreshment break

SCIENTIFIC SESSION

Chair: Dr. Sandy Davidge

16:00 2010 Molly Towell Guest Lecturer

Dr. Larry Guilbert

Dept. of Medical Microbiology & Immunology
University of Alberta
Faculty of Medicine & Dentistry

'Culture models of the human villous placenta'

Introduction: Dr. Sandy Davidge

17:00 Annual General Meeting

17:30 End of Scientific Session

- 18:30** Reception
- 19:00** Banquet Dinner
Dinner Welcome Note- Dr. Peter Mitchell
Dinner Presentation

SUNDAY, FEBRUARY 14th, 2010

- 06:30** Breakfast in Vistas Dining Room

SCIENTIFIC SESSION

Chair: Dr. Jerry Yager

- 08:45** 3 oral presentations (10 minutes each; 5 minutes for questions)

- 09:30** **Dr. Bryan Kolb**
Canadian Centre for Behavioural Neuroscience
University of Lethbridge
'Factors influencing Brain & Behavioural Development'

- 10:15** *Refreshment break*

SCIENTIFIC SESSION

Chair: Dr. Shyamala Dakshinamurti

- 10:45** **Dr. Marc DelBigio**
Professor of Pathology
University of Manitoba
'Hemorrhagic periventricular brain injury'

- 11:30** 3 oral presentations (10 minutes each; 5 minutes for questions)

- 12:15** The 'Fred and Jane Bryans Trainee Presentation Awards' Ceremony- **Dr. Dan Rurak**

- 12:25** *Meeting close*

- 12:30** Lunch in Vistas Dining Room
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