

PROGRAM AT A GLANCE

MONDAY JUNE 16, 2003

5:00-6:30 PM Opening reception – La Terrasse

6:30-7:30 PM Plenary lecture 1 – Auditorium

Glucocorticoid programming of adult disorders.
JR Seckl

TUESDAY JUNE 17, 2003

8:15 Welcome address

8:30-9:30 Plenary lecture 2 – Régence A

**The Early Origins Of Health And Disease –
A Biomedical And Clinical Perspective To An Epidemiological Hypothesis.**
PD Gluckman

9:45-10:45 Symposium 1: Patterns of fetal growth and long-term consequences
Chair: M Brochu

**Epigenetic Sources Of Behavioral Differences In Mice: Mother Nature Meets
Mother Nurture:** DD Francis, TR Insel

Glucocorticoids, The Developing Brain And Life After Birth SG Matthews

10:45-11:15 Coffee break

11:15 -12:45 Symposium 1 (cont'd):

Placental Source of Stress Factors F Petraglia, P Florio, S Luisi, FM Severi, C
Bocchi, L Cobellis

Fetal Growth, Stress Responses And The Metabolic Syndrome In Adult Life
D Phillips

Corticotrophin Releasing Hormone and the Pathway to Human Delivery
R Smith, W Giles, S Mesiano, R Nicholson, EC Chan, A Bisits, T Zakar

TUESDAY JUNE 17, 2003 CONT'D

12:45-2:15 Poster session 1 and lunch – Foyer Régence A and Régence C

2:15-3:45 Symposium 2: Plasticity of neural substrates in the maternal brain
Chair: J Lonstein

**Alterations In Neural Functions As A Consequence Of Pregnancy, Lactation,
 And Maternal Care** RS Bridges, BA, Rigerro, VF, Scanlan, EM Byrnes.

**Neural Circuits Regulating The Occurrence Of Mammalian Maternal
 Behavior** M Numan

**Changes In Maternal Hypothalamic Neuropeptides Regulating Food
 Intake And Reproduction: The Lactating Rat As A Model** MS Smith,
 RE Campbell, P Chen, PS Williamson, KL Grove

3:45-4:15 Coffee break

4:15 -5:45 Symposium 2 (cont'd):

**Brain Mechanism Mediating Estrogen-Dependent Suppression of
 Pulsatile Luteinizing Hormone (LH) Release In Lactating Rats:Lessons
 From The Energy-Deficient Models** H Tsukamura, KI Maeda

**The Motivational State Of The Maternal Female Rat: Characteristics And
 Neural Substrate** JJ Morrell

Multisensory Maternal Recognition Of The Lamb By The Mother In Sheep
F Lévy

WEDNESDAY JUNE 18, 2003

9:00-10:30 Symposium 3: Maternal influences on fetal and neonatal growth
Chair: SG Matthews

Cytokines in Pregnancy and Parturition MD Mitchell, M Blumenstein, J Bowen
 Shauver, RJA Helliwell, TA Sato, JA Keelan

Clinical Consequences Of Thyroid Failure For Mother And Infant
AF Muller, A Berghout

**Maternal Long Chain Fatty Acid Metabolism and Nutrition: Influences on
 Pregnancy Outcome and Neonatal Development** SE Carlson, JD Radcl,
 B Levant, KN Kannass, J Colombo

WEDNESDAY JUNE 18, 2003, CONT'D

10:30-11:00 Coffee break

11:00-12:00 Symposium 3 (cont'd):

**Maternal Blood Glucose And The Baby. Some Origins Of The
Hyperglycaemia And Adverse Pregnancy Outcome Study (HAPO).**

DR Hadden

Maternal Nutrition, Developmental Plasticity And Adult Health K Godfrey

12:00-2:00 Poster session 2 and lunch – Foyer Régence A and Régence C

2:00 -3:30 Symposium 4: Contextual determinants of parental behavior and child health

Chair: CA Pedersen

Naturally Occurring Variations in Maternal Behaviour: Neural Mechanisms and Alterations Through Environmental Manipulation F Champagne, MJ

Meaney,

Maternal HPA axis inversion response to the vfd-rearing stressor

JD Coplan, EL Smith, M Arif, JM Gorman, LA Rosenblum, M Altemus,

Learning and plasticity of innate behavior: experience affects maternal behavior and its neurobiology AS Fleming

3:30-4:00 Coffee break

4:00-5:00 Symposium 4 (cont'd):

A Longitudinal Study Of Social, Behavioral, And Neuro-Endocrine Factors In The Inter-Generational Transfer Of Risk LA Serbin, DM Stack, DBD

Fisher, J Ledingham, AE Schwartzman

The Role Of Family And Early Environment Conditions In The Determination Of Individual Differences In Emotional And Stress Responsivity DM Vázquez, M Kabbaj, MH Kabbaj, H Akil

7:00 **Banquet – La Terrasse**

THURSDAY, JUNE 19, 2003

8:30-9:30 Plenary lecture 3: Maternal Regulation of the HPA axis in the Neonate
S Levine

9:45-10:45 Symposium 5: Stress axis in mothers, fetuses and infants

Hormonal Mediators Of Stress And Human Development: Antalarmins As Research And Therapeutic Tools G Chrousos

Effects Of Prenatal Ethanol Exposure On The HPA Axis: Implications For Development And Vulnerability In Adulthood J Weinberg

10:45-11:15 Coffee break

11.15-12.45 Symposium 5 (cont'd):

Adaptations Of Neuroendocrine Stress Responses In Pregnancy, Birth And Lactation: Protective Mechanisms For Mother And Offspring
ID Neumann

Postnatal Intermittent Social Deprivation In Rats And Monkeys: Acute Effects, Chronic Effects And Mediating Mechanisms CR Pryce, D Rüedi-Bettschen, AC Dettling, CR Schnell, J Feldon

Placental Corticotropin-Releasing Hormone (CRH) And Stress In Human Pregnancy PD Wadhwa, CA Sandman, A Chicz-DeMet, L Glynn, M Porto, TJ Garite

GENERAL INFORMATION:

- Breakfast and coffee will be served in foyer Regence A starting at 8:00 AM.
- A light lunch will be served in Regence C on Monday and Tuesday.
- A screening room for speakers is available next to Régence A – Le Royer.
- Poster sessions will be held in the foyer of Régence A.
- Poster presenters are requested to attend their poster for the last hour of the poster session.