

TUESDAY 6th July

- 12.00 – 20.00 Arrival and Registration at Wills Hall
- 19.00 Dinner for those who have pre-booked the meal
- 21.00-24.00 Wills Hall bar open for an informal gathering of delegates.

WEDNESDAY 7th July

- 8.00 Registration desk opens at Kingsdown Conference Centre
8.20 Coach leaves Wills Hall for Kingsdown Conference Centre
- 9.00-9.15 Welcoming Address by C.D. Ingram
- 9.15-10.05 Introductory Lecture: O.1 VARIATIONS IN MATERNAL CARE. M.J. Meaney*

Oral Session 1 - Chairman: G. Leng

- 10.05-10.35 O.2 ACTIVITY-DEPENDENT MORPHOLOGICAL SYNAPTIC PLASTICITY OF THE ADULT OXYTOCIN SYSTEM. D.T. Theodosis*.
- 10.35-10.50 O.3 OXYTOCIN - WHO NEEDS IT? T.R. Insel, L. Young, B. Gingrich, J. Ferguson, M.M. Matzuk and J.T. Winslow.
- 10.50-11.05 O.4 STEROID CONTROL OF THE OXYTOCIN/OXYTOCIN RECEPTOR SYSTEM. R. Ivell.
- 11.05-11.30 Coffee- Mounting of posters.

Oral Session 2 - Chairman: S.L. Lightman

- 11.30-12.00 O.5 ENDOGENOUS OPIOID REGULATION OF OXYTOCIN AND ACTH SECRETION DURING PREGNANCY AND PARTURITION. A.J. Douglas*.
- 12.00-12.30 O.6 RELEVANCE OF REPRODUCTIVE STATE AND FEMALE-SPECIFIC PAIN PROCESSING TO NOCICEPTION. A.R. Gintzler*, M. Dawson-Basoa and N.-J. Liu.
- 12.30-13.00 O.7 NEUROENDOCRINE AND BEHAVIOURAL ADAPTATIONS IN PREGNANCY AND LACTATION: INVOLVEMENT OF BRAIN OXYTOCIN AND PROLACTIN. I.D. Neumann*.
- 13.00-14.00 Lunch
- 14.00-16.0 ATTENDED POSTER SESSION

Oral Session 3 - Chairman: T.R. Insel and J.B. Wakerley

- 16.00-16.30 O.8 REGULATION OF PROLACTIN SECRETION DURING PREGNANCY AND LACTATION. J.L. Voogt*.
- 16.30-16.45 O.9 BRAIN TARGETS FOR THE ACTION OF PROLACTIN. F. Nyberg.
- 16.45-17.00 O.10 CO-LOCALIZATION OF PROLACTIN-RECEPTOR IMMUNOREACTIVITY WITH TYROSINE HYDROXYLASE BUT NOT β -ENDORPHIN IN THE ARCUATE NUCLEUS OF THE LACTATING RAT. D.R. Grattan and R. Porteous.
- 17.00-17.15 O.11 DOPAMINE INHIBITS PROLACTIN SECRETION FROM THE TYPE I MORPHOLOGICAL SUBTYPE OF LACTOTROPH IN LACTATING FEMALE RATS. L.P. Chapman, H.C. Christian and J.F. Morris.
- 17.15-17.45 O.12 FOOD INTAKE AND LEPTIN DURING PREGNANCY AND LACTATION. T. Higuchi* and L.E. Johnstone.
- 17.45-18.00 O.13 CONTRIBUTIONS OF MILK DELIVERY TO THE METABOLIC CHANGES THAT ACCOMPANY LACTATION IN RATS. B. Woodside, A. Abizaid and C.-D. Walker.
- 18.00-18.15 O.14 EFFECT OF RELAXIN ON THE EXPRESSION OF ANGIOTENSIN II RECEPTORS IN THE SUBFORNICAL ORGAN OF RATS DURING PREGNANCY. A.J.S. Summerlee, R.S. Poterski and B.C. Wilson.
- 18.45 Conference Photograph in Royal Fort Garden or Museum depending on weather
- 19.00 Welcome Reception at City Museum
- 21.00 Coach back to Wills Hall

THURSDAY 8th July

8.30 Coach from Wills Hall to Kingsdown Conference Centre

Oral Session 4 - Chairpersons: A.J.S. Summerlee and D.T. Theodosis

- 9.00-9.50 O.15 CENTRAL SUPPRESSION OF LH RELEASE AND RELATIONSHIP WITH LACTATIONAL AMENORRHOEA. K.-I. Maeda* and H. Tsukamura.
- 9.50-10.20 O.16 CLINICAL ASPECTS OF NEUROENDOCRINE CHANGES AND FERTILITY IN BREASTFEEDING WOMEN. A.S. McNeilly*.
- 10.20-10.50 O.17 GONADAL STEROID-INDUCED NEURONAL PLASTICITY IN NEUROENDOCRINE NETWORKS. A.E. Herbison*, V.S. Fenelon and A.B. Brussaard.
- 10.50-11.05 O.18 PHYSIOLOGICAL AND PHARMACOLOGICAL MODULATION OF GABA_A RECEPTORS PLASTICITY DURING PREGNANCY. A.Concas, P. Follesa, M. Serra and G. Biggio.
- 11.05-11.30 Coffee

Oral Session 5 - Chairman: R. Landgraf

- 11.30-12.00 O.19 PERIPARTUM PLASTICITY WITHIN THE HYPOTHALAMO-PITUITARY-ADRENAL AXIS. S.L. Lightman*, R.J. Windle, S.A. Wood, Y.M. Kershaw, M.H. Andrews and C.D. Ingram.
- 12.00-12.15 O.20 INCREASED COLOCALIZATION OF CRF AND AVP IN HYPOTHALAMIC PVN NEURONS DURING LACTATION HAS FUNCTIONAL IMPLICATIONS FOR THE CONTROL OF ACTH SECRETION. C.-D. Walker, D.J. Toufexis and A. Burlet.
- 12.15-12.30 O.21 ELEVATION IN CSF CRH AND REDUCTION IN CSF MHPG DURING PREGNANCY IN HUMANS. M. Altemus, J. Fong, R. Yang, D. Fergeson, V. Luine and D. Jho.
- 12.30-12.45 O.22 NEUROBIOLOGY OF STRESS IN HUMAN PREGNANCY-II: IMPLICATIONS FOR FETAL CNS DEVELOPMENT. P.D. Wadhwa, C.A. Sandman, H. Truszczyńska, A. Chiczy-DeMet, C. Dunkel-Schetter and T.J. Garite.
- 12.45-13.00 O.23 MECHANISMS BY WHICH ANTENATAL MATERNAL MOOD MAY AFFECT THE DEVELOPMENT OF THE FETUS. V. Glover, R. Gitau, J. Teixeira and N. Fisk.

Either : Transport back to Wills Hall

Or Coach tour of Bath, returning at about 18.00

FRIDAY 9th July

8.30 Coach from Wills Hall to Kingsdown Conference Centre

Oral Session 6 - Chairpersons: K. Uvnäs-Moberg and R. Kumar

- 9.00-9.30 0.24 ENDOCRINE AND BEHAVIOURAL CHANGES IN THE POSTPARTUM PERIOD. C.S. Carter*, M. Altemus and G.P. Chrousos.
- 9.30-10.00 0.25 ENDOCRINE REGULATION OF MATERNAL BEHAVIOR. P.E. Mann* and R.S. Bridges.
- 10.00-10.15 0.26 CONTRASTING MATERNAL STYLES IN PIGS AND SHEEP: THE ROLE OF OPIOIDS AND OXYTOCIN IN MEDIATING SPECIES DIFFERENCES IN MATERNAL BEHAVIOURAL EXPRESSION. C.M. Dwyer, S. Jarvis and A.B. Lawrence.
- 10.15-10.30 0.27 TREATMENT WITH INDOMETHACIN INTERRUPTS PRE-PARTUM NEST-BUILDING IN THE PIG. C.L. Gilbert, T.H.J. Burne, J.A. Goode and P.J.E. Murfitt.
- 10.30-10.45 0.28 TRANSIENT IMPAIRMENT OF LAMB RECOGNITION MEMORY FOLLOWING SPECIFIC BASAL FOREBRAIN CHOLINERGIC LESION IN MATERNAL EWES. F. Lévy, G. Ferreira, M. Meurisse, R. Gervais and N. Ravel.
- 10.45-11.15 Coffee

Oral Session 7 - Chairperson: C.L. Gilbert

- 11.15-11.30 0.29 DOPAMINE RECEPTOR BLOCKADE IN THE NUCLEUS ACCUMBENS INHIBITS MATERNAL RETRIEVAL AND LICKING, BUT ENHANCES KYPHOTIC NURSING BEHAVIOR IN LACTATING RATS. J.M. Stern and S.E. Keer.
- 11.30-11.45 0.30 YOUR MOTHER (RAT) SHOULD KNOW: PREGNANCY DRIVES MODIFICATIONS IN NEUROGENESIS AND HIPPOCAMPAL NEURAL AND GLIAL MORPHOLOGY AND ACTIVITY. C.H. Kinsley, E.A. Amory, J. Wartella, G.W. Gifford and K.G. Lambert.
- 11.45-12.15 0.31 GENOMIC IMPRINTING AND MATERNAL BEHAVIOUR. E.B. Keverne*.
- 12.15-14.00 Lunch and poster viewing

Oral Session 8 - Chairpersons: C.-D. Walker and M. Altemus

- 14.00-14.30 0.32 HORMONES AND SEVERE POSTNATAL MENTAL ILLNESS. R. Kumar* and S.A. Checkley.

- 14.30-14.45 O.33 THE GENETICS OF PUERPERAL PSYCHOSIS. I. Jones, E. Robertson, N.E. Coyle, J. Benjamin, C.L. Lendon, I.F. Brockington and N. Craddock.
- 14.45-15.00 O.34 CAN THYROID PEROXIDASE ANTIBODIES DURING PREGNANCY BE REGARDED AS A MARKER FOR MATERNAL MOOD DISORDERS? V.J. Pop.
- 15.00-15.15 O.35 RELEASE OF OXYTOCIN IN WOMEN EARLY POST-PARTUM AND DURING BREAST FEEDING, RELATIONSHIP WITH BEHAVIOR, HORMONAL PROFILES AND BREAST-FEEDING PARAMETERS. K. Uvnäs-Moberg, E. Nissen, A. Berit Ransjö-Arvidsson and A.M. Widström.
- 15.15-15.30 O.36 PREGNANCY AND THE POSTPARTUM: CHANGES IN COGNITION AND MOOD J. G. Buckwalter, D.K. Buckwalter, F.Z. Stanczyk, C.A. McCleary, B.W. Bluestein, K.P. Rankin, L. Chang and T.M. Goodwin.
- 15.30-15.45 O.37 EXPLICIT MEMORY IN PREGNANT WOMEN. P.A. Keenan, D.T. Yaldao, M.E. Stress, D.R. Fuerst and K.A. Ginsburg.
- 15.45-16.15 Tea
- 16.15-17.45 Round table discussion and concluding remarks
Chairpersons: J.M. Stern, M. Meaney and J.A. Russell
- 18.00 Coach to Wills Hall
- 19.15 Coach to the Banquet calling at the Conference Centre
- 19.30-23.00 Tour and Banquet on Brunel's historic ship the S.S. Great Britain.
- 23.00 Coach back to Wills Hall