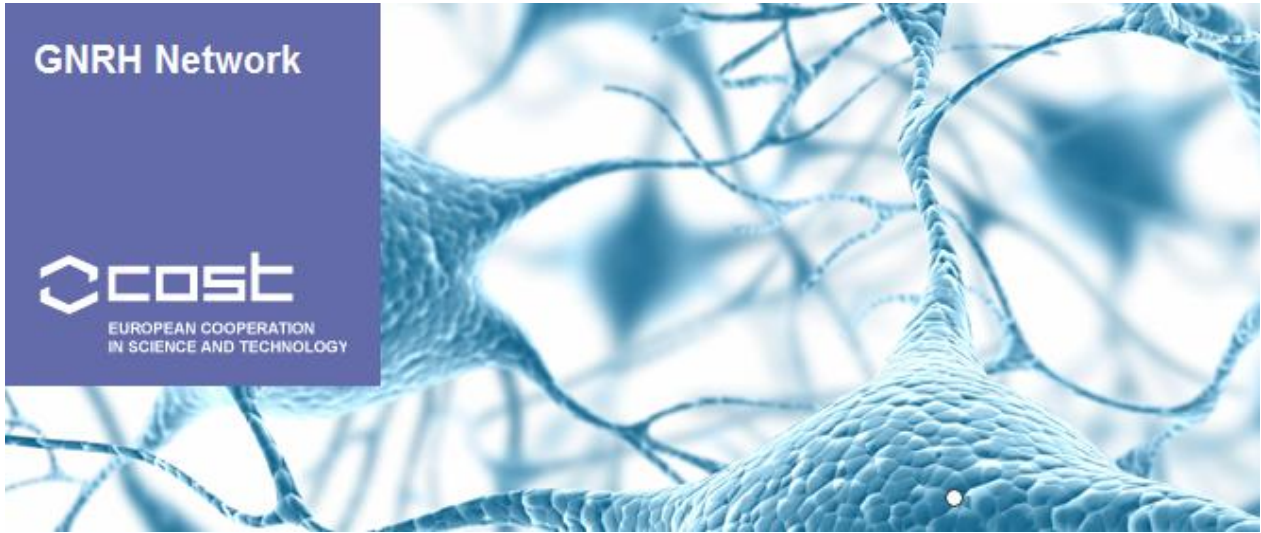


GNRH Network



EUROPEAN COOPERATION
IN SCIENCE AND TECHNOLOGY



April 26th 2015
BM1105: Management Committee Meeting
Monash University Prato Center
Via Pugliesi 26
59100 Prato, Italy

Management Committee meeting

Sunday, April 26th 2015
15:00-18:00 Meeting: Sala Veneziana

Reception

18:00-19:00 Terrace

April 27th - 29th, 2015
COST Action BM1105
Joint Scientific Meeting & Training School
Monash University Prato Center
Via Pugliesi 26, 59100 Prato, Italy

Program at a glance

Sunday - April 26th		Monday - April 27th		Tuesday - April 28th		Wednesday - April 29th	
	Scientific Meeting	Trainign School	Scientific Meeting	Trainign School	Scientific Meeting	Trainign School	
	Symposium 1: Pulsatility 09:00-10:30 Clarke (invited) Clofi (WG) McCardle (WG)	Symposium 4: Pituitary 09:00-10:30 Dattani (WG) Mollard (WG) Rizzotti (WG)	Symposium 7: Energy balance & reproduction 09:00-10:30 Estour (invited) Simonneaux (WG) Claret (WG)				
	Pause	Pause	Pause	Pause	Pause	Pause	
	Symposium 2: stem cells 10:00-12:15 Raivio (MC) Pingault (T1) Sharif (T2)	Symposium 5: olfaction 10:00-12:15 Aranda (T7) Ludwig (T8) Bakker (WG)	Symposium 8: epigenetics 10:00-12:15 Albrecht (T10) Lomniczi (invited) Org (WG)				
	Lunch Networking Posters 12:15-14:00	Lunch Networking Posters 12:15-14:00	Lunch Networking Posters 12:15-14:00				
	Working Group Meetings 14:00-16:30	Working Group Meetings 14:00-16:30	Working Group Meetings 14:00-16:30				
	Training School (Practical) "Translational Research" Patient views (T3,4) NGS (invited) Rescuing mutations (WG)	Training School (Practical) Trainee presentations Clinical Genetics Basic	Training School (Practical) "Models to probe GnRH function" murine models in vitro/ex vivo zebrafish				
MCC Meeting	Pause	Pause	Pause				
	Plenary 1: 17:00-18:00 Origin of GnRH neurons Wray (invited)	Plenary 2: 17:00-18:00 GnRH surges & pulses Herbison (invited)					
	Symposium 3: Early life origins of future metabolic disorders 18:00-19:00 Bouret (T5) Steculorum (T6)	Symposium 6: Hypothalamic inflammation 18:00-19:30 Tena-Sempere (MC) Yeo (T9) Prevot (WG)					
Reception							

Monday, April 27th, 2015
Scientific Meeting – Day 1

09:00-10:30 Symposium 1: Pulsatility

Chairs: Pr Taneli Raivio, University of Helsinki, Finland
Pr Jacques Young, Hôpital Bicêtre, Paris, France

- *Making and Braking a Pulse*
Pr Iain Clarke, Monash University, Australia
- *Neuroendocrine pulsatility: Presentation of an in vitro model*
Pr Philippe Ciofi, INSERM U862, Bordeaux, France
- *Pulsatility in Gonadotropes*
Pr Craig McCardle, University of Bristol, UK

10:30-10:45 Pause

10:45-12:15 Symposium 2: Stem Cells

Chairs: Dr Paolo Giacobini, INSERM U837, Lille, France
Dr Giorgio Merlo, University of Turin, Italy

- *GnRH Neuronal Stem Cells*
Pr Taneli Raivio, University of Helsinki, Finland
- *Role of SOX10 and Olfactory Glial Cells in the Early Development of GnRH-Neurons*
Dr Véronique Pingault, INSERM U955, Créteil, France
- *Post-natal Hypothalamic Neogenesis*
Dr Ariane Sharif, INSERM U837, Lille, France

12:15 COST Networking Lunch

14:00-16:30 Working Group Meetings

14:00-16:30 Training School Day 1: “Translational Research”

14:00-14:45 Welcome: Dr. Vincent Prevot, Pr. Mohamad Maghnie, Dr. Richard Quinton
Patient Perspectives: Ms Jan Pinfield & Mr Neil Smith

14:45-15:45 *NGS in the molecular diagnostic of CHH - exome vs targeted genes:
What is the best strategy?*

Student presentations (4 slides):

Ivan Bassi, Milan Italy & Cheng Xu, Lausanne Switzerland

Panel discussion:

Pr Nicolas de Roux, INSERM U1141, University of Paris Diderot, France

Dr Ken Ong, University of Cambridge, UK

Pr Taneli Raivio, University of Helsinki, Finland

Pr Kemal Topaloglu, Cukurova University, Adana, Turkey

Pr Luca Persani, Istituto Auxologico Italiano, Milan, Italy

Pr Nelly Pitteloud, University of Lausanne, Lausanne, Switzerland

Pr Mehul Dattani, Institute of Child Health, London, UK

15:45-15:00 Pause

16:45-16:30 *Rescuing mutations with small molecule chaperones*
Pr Robert Millar, University of Pretoria, South Africa/University of Edinburgh, UK

17:00-18:00 **Plenary 1**

- *The Origins of GnRH Neurons*
Pr Susan Wray, National Institutes of Health, Bethesda, USA

18:00-19:00 **Symposium 3: Early life Origins of Future Metabolic/Reproductive Disorders**

Chairs: Dr Vincent Prevot, INSERM U837, Lille, France
Pr Manuel Tena-Sempere, University of Cordoba, Spain

- *Developmental Programming of Hypothalamic Feeding and Reproductive Pathways*
Dr Sébastien Bouret, INSERM U837, Lille, France
- *Hormonal Programming of Hypothalamic Circuits*
Dr Sophie Steculorum, Max Planck Institute for Metabolism, Köln, Germany

Tuesday, April 28th, 2015
Scientific Meeting – Day 2

9:00-10:30 **Symposium 4: Pituitary**

Chairs: Pr Nicolas de Roux, INSERM U1141, University of Paris Diderot, France
Pr Mohamed Maghnie, University of Genoa, Italy

- *Genetics of Pituitary Disorders*
Pr Mehul Dattani, Institute of Child Health, London, UK
- *Revisiting how the Pituitary Portal System Functions*
Pr Patrice Mollard, INSERM U5203, Montpellier, France
- *Adult Pituitary Stem Cells*
Dr Karin Rizzoti, MRC National Institute for Medical Research, London, UK

10:30-10:45 **Pause**

10:45-12:15 **Symposium 5: Olfaction**

Chairs: Pr Ulrich Boehm, University of Saarland, Germany
Pr Paolo Peretto, University of Turin, Italy

- *Olfaction in Anorexia and Obese Subjects*
Pr Fernando Fernandez-Aranda, University of Barcelona and CIBERON, Spain
- *Role of Vasopressin in Olfaction*
Pr Michael Ludwig, University of Edinburgh, UK
- *Olfaction and Sexual Behavior*
Julie Bakker, University of Liege, Belgium

12:15-17:00 COST Networking Lunch

14:00-16:30 Working Group Meetings

14:00-16:30 Training School Day 2: Trainee Presentations

- 14:00-15:00**
1. “Endogenous kisspeptin signalling is enhanced in a model of positive estrogen feedback on LH and FSH secretion in women”
Dr. Karolina Skorupskaite (University of Edinburgh, UK)
 2. “Clinical assessment and genetic landscape of a complex family with heterogeneous reproductive and non-reproductive phenotypes”
Dr. Sara Santini (University of Lausanne, Switzerland)
 3. Genetics: presenter TBA

15:00-15:30 Pause

- 15:30-16:30**
1. Basic: presenter TBA
 2. Basic: presenter TBA
 3. Basic: presenter TBA
 4. Basic: presenter TBA

17:00-18:00 Plenary 2

- *Generating GnRH Surges and Pulses*
Pr Allan Herbison, University of Otago, New Zealand

18:00-19:30 Symposium 6: Hypothalamic Inflammation

Chairs: Pr Dave Grattan, University of Otago, New Zealand
Dr Sébastien Bouret, INSERM U837, Lille, France

- *Hypothalamic Impact of Obesity*
Pr Manuel Tena-Sempere, University of Cordoba, Spain
- *FTO, Hypothalamic Inflammation and Leptin Resistance*
Dr Giles Yeo, University of Cambridge, UK
- *Tanycytes as Gatekeepers of the Metabolic Brain*
Dr Vincent Prevot, INSERM U837, Lille, France

Wednesday, April 29th, 2015
Scientific Meeting – Day 3

9:00-10:30 Symposium 7: Energy Balance & Reproduction

Chairs: Pr Nelly Pitteloud, University of Lausanne, Switzerland
Pr Jacques Young, Hôpital Bicêtre, Paris, France

- *Eating Disorders and Constitutional Thinness*
Pr Bruno Estour, CHU St. Etienne, France
- *Kisspeptin as Both a Clock and a Calendar to Time Reproduction*
Dr Valérie Simonneaux, University of Strasbourg, France
- *Mitofusin proteins in POMC neurons: key regulators of energy balance and glucose metabolism*
Dr Marc Claret, Institut d'Investigacions Biomèdiques August Pi i Sunyer (IDIBAPS),
Barcelona, Spain

10:30-11:00 Pause

11:00-12:30 Symposium 8: Epigenetics

Chairs: Pr Nelly Pitteloud, University of Lausanne, Switzerland
Pr Sabine Heger, Henriettenstiftung Hospital, Hanover, Germany

- *Links Between the Circadian Clock and Reproduction*
Pr. Urs Albrecht, University of Fribourg, Switzerland
- *The Epigenetic Switch of Puberty*
Dr Alejandro Lomniczi, Oregon Health Sciences University, USA
- *Genetic and Epigenetic Variations Associated with Puberty Timing in Humans*
Dr Ken Ong, University of Cambridge, UK

12:30 End of Scientific Meeting

14:00-16:30 Working Group Meetings

14:00-16:30 Training School Day 3: “Models to probe GnRH neuronal function”

14:00-14:30 *Genetic mouse models to study GnRH deficiency*
Pr Ulrich Boehm, University of Saarland, Germany

14:30-15:00 *Probing GnRH neuronal function using in vitro or ex vivo experiments*
Dr Paolo Giacobini, INSERM U837, Lille, France

15:00-15:15 Pause

15:15-15:45 *Zebrafish as a model for studying GnRH neuron ontogeny*
Dr Giorgio Merlo, University of Turin, Italy

15:45-16:30 Questions and discussion

16:30 End of Training School