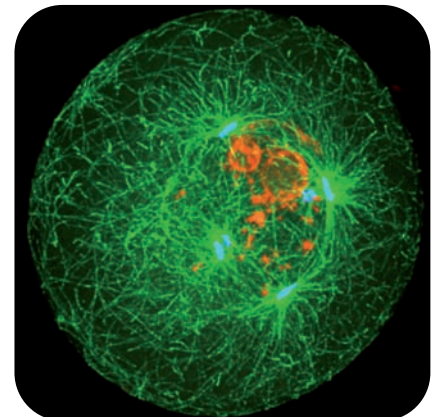


Cell dynamics and cellular interactions in reproductive biology

Wednesday, September 7th, 2011
CNRS, Campus Gérard Mégie
Auditorium Marie-Curie
3 rue Michel-Ange, Paris 16^e

- ▶ 8:30 AM Reception
- ▶ 9:00 AM Introduction
- SESSION 1 Ligands and receptors in endocrine tissues**
Chairwoman: **Danielle Monniaux**
- ▶ 9:15 AM
 - ▶ Evolutionary Analyses of Polypeptide Ligands and Receptors in Reproductive Tissues
Aaron J.W. Hsueh, Department of Obstetrics and Gynecology, Stanford University School of Medicine, Californie
- SESSION 2 Gonad development and germ stem cells**
Chairwoman: **Catherine Jessus**
- ▶ 10:00 AM
 - ▶ Aurora-B and Survivin control the germline stem cell lineage in Drosophila
Jean-René Huynh, Institut Curie, CNRS/UMR 3215, Paris
- ▶ 10:30 AM Coffee break
- SESSION 3 Oocyte biology and control of oocyte maturation**
Chairwoman: **Catherine Jessus**
- ▶ 11:00 AM
 - ▶ Oocyte maturation and developmental competence: novel insights from genome-wide analysis of translation
Marco Conti, Center for Reproductive Sciences, San Francisco, Californie
- ▶ 11:45 AM
 - ▶ Asymmetric divisions in mouse oocytes
Marie-Hélène Verlhac, Collège de France, Centre interdisciplinaire de recherche en biologie, CNRS/ UMR 7241 - Unité Inserm 1050, Paris
- ▶ 12:15 PM
 - ▶ What we owe our mother: oocyte RNA in embryo developmental competence
Rozenn Dalbiès-Tran, UMR 6175 INRA-CNRS-Université de Tours-Haras Nationaux, Nouzilly
- ▶ 12:45 PM Lunch break

MTOCs (MicroTubule Organizing Centers) (blue) surrounding the nucleus of a prophase I mouse oocyte organize microtubules (green). Chromosomes appear red.
© Stéphane BRUNET and Marie-Hélène VERLHAC,
CIRB, Collège de France, Paris



SESSION 4 Discussion: “Reproduction: an integrated physiological function, but a fragmented research community?”

▸ 2:15 PM

- Led by **Philippe Chemineau** (INRA) and **Pierre Jouannet** (HU)
With **André Le Bivic** (CNRS), **Dominique Daegelen** (Inserm), **Julien Bobe** (INRA), **Frédérique Clément** (INRIA), **Corinne Cotinot** (INRA), **Barbara Demeneix** (CNRS/MNHN), **Florian Guillou** (INRA), **René Habert** (CEA), **Vincent Prévot** (Inserm)

SESSION 5 Sperm maturation

Chairman: **Barbara Demeneix**

▸ 3:30 PM

- Epididymal sperm maturation and post-testicular male infertility
Joël Drevet, GReD, CNRS UMR 6247- Unité Inserm 931, Clermont Université, Clermont-Ferrand

▸ 4:00 PM

- Molecular basis of male haploid genome reprogramming
Saadi Khochbin, Centre de recherche Institut Albert-Bonniot, Grenoble

▸ 4:30 PM

Coffee break

SESSION 6 Interactions between gametes

Chairman: **Joël Drevet**

▸ 5:00 PM

- Molecular basis of gamete interaction: the state of the art
Jean-Philippe Wolf, Paris 5, Unité Inserm 1016, Institut Cochin

▸ 5:30 PM

Conclusions

REGISTRATION ON: <http://colloqueBCDE2011.dakini.fr>