

4TH ANNUAL GEMINI MEETING

GIJON, SPAIN

29th September – 2nd October 2011

Programme

Thursday 29th September 2011

18:00-20:30 Registration Open and Reception

Friday 30th September 2011

08:30 Registration Open

09:00-09:10 Conference Chairman Opening: **Enrique Gomez Pineiro, SERIDA, Spain**

09:10-09:15 GEMINI Chairman Opening: **Alireza Fazeli, University of Sheffield, UK**

Plenary Lecture

09:15-09:50 **Christopher O'Neill, The University of Sydney, Australia**
Survival signaling in the preimplantation embryo

Sessions WGIII: Maternal Nutrition

WGIII Short Communications

09:50-10:10 **Anne Tarrade, INRA, France**
Impact of a maternal hyperlipidic hypercholesterolemic diet on placental function, in a rabbit model

10:10-10:30 **Ronald Biemann, Martin Luther University, Germany**
The food contaminant tributyltin affects adipogenic commitment of mesenchymal stem cells

Special Cost Lecture

10:30-11:00 **Tiziana Brevini, The University of Milan, Italy**
Why communicate science to the public?

11:00-11:30 Coffee Break

WGIII Short Communications

11:30-11:50 **Georgios Amiridis, University of Thessaly, Greece**
Ghrelin decreases pituitary response to GnRH in superovulated ewes

WGIII Main Lectures

11:50-12:25 **Alejandro Vaquero-Garcia, ICREA / IDIBELL, Spain**
The role of Sirtuins in chromatin regulation in response to oxidative and metabolic stress

12:25-13:00 **Enrique Gomez Pineiro, SERIDA, Spain**
Maternal Recognition of Early Embryos in the Bovine Uterus

13:00-14:45 Lunch (for registered participants)

Sessions WGI: Experimental Models

WGI Short Communications

14:45-15:05 **Celia de Frutos, INIA, Spain**
Parental age determines telomere length of the offspring in Mice

15:05-15:25 **Amanda Cordova, INRA, France**
Spatio-temporal specificity of bovine oviduct embryotrophic activity

WGI Main Lectures

15:25-16:00 **Andras Dinnyes, Szent Istvan University Godollo, Hungary**
Pluripotent mammalian stem cells to model early development and differentiation

Special Cost Session

16:00-16:30 **Alireza Fazeli, GEMINI Chairman, University of Sheffield UK**
GEMINI achievements and Final report

16:30-17:00 Tea Break

17:00-19:30 Poster Session 1: Informal poster discussion for Working Group I & II

20:30-00:00 Dinner (for registered participants)

Saturday 1st October 2011

08:30 Registration open

Special Cost Session

09:00-09:30 **Alireza Fazeli, Andras Dinnyes & Pascale Chavette-Palmer**
EU Grant Applications (Success and Failure stories)

Plenary Lecture

09:30-10:05 **Claudine Junien, INRA, France**
Early nutrition, epigenetics and sexual dimorphism : divergent developmental programming trajectories may provide sex-specific cues for dietary alleviation

Sessions WGII: Tools, Technologies, and Systems Biology

WGII Short Communications

10:05-10:25 **Ahmed Aldarmahi, University of Sheffield, UK**
Maternal Tract Reaction to a Self Entity is Different From That of a Non-Self Entity

10:25-10:45 **Marta Muñoz, SERIDA, Spain**
A Simple in vitro culture step allows individual embryo monitoring with improved output

10:45–11:25 Coffee break

11:25-11:45 **Svetlana Uzbekova, INRA, France**
Proteomic ICM-MS profiling of single bovine oocytes and surrounding cumulus cells as a novel approach to access potential biomarkers of oocyte quality

WGII Main Lecture

11:45-12:20 **Alain Trubuil, INRA, France**
Imaging and Modelling: some mathematical tools

WGI Short Communication: Experimental Models

12:20-12:40 **Yael Heifeitz, The Hebrew University, Israel**
Sperm storage: the dynamics of sperm within the female Drosophila sperm storage organs

Special Cost Lecture

12:40-13:00 **Antonella Baldi, University of Milan, Italy**
COST Strategy

13:00–14:30 Lunch (for registered participants)

14:30-17:00 Poster Session 2: Informal poster discussion for Working Group III

Special Cost Session

17:00-17:30 **Fulvio Gandolfi, Tom Fleming, Eckhard Wolf, Jean-Pierre Ozil, Pascale Chavette-Palmer, Ann Van Soom, Andras Dinnyes**
Final Discussion of Group leaders and outlook for future

17:30–18:00 *Tea break*

18:00-19:30 **“MC Meeting”** (MC members only)
21:00 *Gala Dinner*

Sunday 2nd October 2011

One day Excursion (for registered participants)