



7th Workshop on Mammalian Folliculogenesis and Oogenesis
ESHRE Campus Symposium
Stresa, 19, 20 & 21 April 2012

Scientific programme

Thursday, 19 April 2012

12:30 - 13:30	Registration
13:30 - 13:45	Opening remarks – <i>Speaker to be confirmed</i>
Early germ cell and follicle history	
13:45 – 14:15	Current understanding of primordial germ cell biology – <i>Donatella Farini (Italy)</i>
14:15 – 14:45	Global DNA methylation erasure in primordial germ cells – <i>Wendy Dean (United Kingdom)</i>
14:45 - 15:15	Novel mechanisms and actions of gonadotropins – <i>Ilpo Huhtaniemi (United Kingdom)</i>
15:15 - 15:30	Discussion
15:30 - 16:00	<i>Coffee break</i>

Systemic and local regulation of follicle development

16:00 – 16:30	What gonadotropin physiology can teach us to improve ovarian stimulation regimens – <i>Stephen Hillier (United Kingdom)</i>
16:30 – 17:00	In vitro follicle growth to investigate follicular paracrine interactions – <i>Evelyn Telfer (United Kingdom)</i>
17:00 – 17:30	Involvement of local factors in aberrant follicle development - <i>Stephen Franks (United Kingdom)</i>
17:30 - 17:45	Discussion
17:45 – 18:30	Selected oral presentations and discussion

Friday, 20 April 2012

Mutual regulation of germinal and somatic compartments

08:30 – 09:00	How the cumulus cell function is regulated and why – <i>Robert Gilchrist (Australia)</i>
09:00 – 09:30	Genome Integrity in Mammalian Oocytes – <i>David Albertini (USA)</i>
09:30 – 10:00	Zinc sparks life – <i>To be confirmed</i>
10:00 – 10:15	Discussion
10:15 – 10:45	<i>Coffee break</i>

Meiotic regulation in the oocyte life history

10:45 – 11:15	At which stages can meiotic errors occur throughout oogenesis? – <i>Ursula Eichenlaub-Ritter (Germany)</i>
11:15 – 11:45	Start and stop signals of oocyte meiotic maturation – <i>Keith Jones (Australia)</i>
11:45 – 12:15	Chromosome-derived gradients in maturing oocytes - <i>John Carroll (United Kingdom)</i>
12:15 – 12:30	Discussion
12:30 – 14:00	<i>Lunch</i>



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Folliculogenesis and maturation in vitro

- 14:00 – 14:30 Oocyte and follicle metabolic requirements in vitro – *Roger Sturmey (United Kingdom)*
- 14:30 - 15:00 Novel systems and factors to improve oocyte quality in vitro - *Evelyn Telfer (United Kingdom)*
- 15:00 – 15:30 Insights into oocyte competence from somatic cells gene expression – *Johan Smitz (Belgium)*
- 15:30 – 16:00 Achievements and challenges of oocyte in vitro maturation in the human – *Giovanni Coticchio (Italy)*

Saturday, 21 April 2012

Maternal legacy for embryo development – I

- 09:00 – 09:30 Origin of oocyte totipotency - *Maurizio Zuccotti (Italy)*
- 09:30 – 10:00 Polarities in oocytes and embryos - *Carlos Plancha (Portugal)*
- 10:00 – 10:15 Discussion
- 10:15 – 10:45 *Coffee break*

Maternal legacy for embryo development - II

- 10:45 – 11:15 Influence of maternal-embryonic transition on embryonic development - *Sergio Ledda (Italy)*
- 11:15 – 11:45 Maternal diabetes and oocyte dysfunctions - *Kelle Moley (USA)*
- 11:45 – 12:15 Maternal diet, embryo effects and offspring health - *Tom Fleming (United Kingdom)*
- 12:15 – 12:30 Discussion
- 12:30 – 12:45 Concluding remarks – *Speaker to be confirmed*
- 12:45 *Buffet lunch*



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Scientific Committee

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Lucia De Santis (Italy)

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