



BSRM

Belgian Society for Reproductive Medicine

30th Scientific Meeting (15 - 16 November 2013) Schouwburg, Stadsplein 1, 3600 Genk Joint meeting with VWRG/VVOG – GTMR/GGOLFB

FRIDAY 15 NOVEMBER 2013

13:30 - 13:50 Registration
13:50 - 14:00 Welcome by the Presidents
Herman Tournaye, BSRM; Anne Delbaere, GTMR / GGOLFB; Diane De Neubourg, VWRG/VVOG

The oocyte

Chairs: Valérie Standaert, AZ Brugge and Fabienne Thonon, CHR de la Citadelle, Liège
14:00 - 14:30 Folliculogenesis and oogenesis
Christina Magli, Italy
14:30 - 15:00 State of the ART lecture
The oocyte at a glance (morphology)
Jonathan Van Blerkom, University of Colorado, Boulder, USA
15:00 - 15:10 Discussion

Update in reproductive endocrinology and imaging techniques

Chairs: Diane De Neubourg, UZ Leuven and Willem Verpoest, UZ Brussel
15:10 - 15:30 Disturbances in glucose metabolism in the infertile population and early pregnancy
Katrien Benhalima, UZ Leuven
15:30 - 15:50 Thyroid, infertility and reproduction
Brigitte Velkeniers, UZ Brussel
15:50 - 16:10 Novelties in imaging in medically assisted reproduction
Frank Vandekerckhove, UZ Gent

16:10 - 16:40 **Coffee break**

Sponsored symposium by Gedeon Richter

16:40 - 16:55 SPRM perspectives in infertility
Axelle Pintiaux, Département de Gynécologie Obstétrique Université de Liège – CHR de la Citadelle
16:55 - 17:10 New development in myoma treatment: SPRMs
Jacques Donnez, em. prof. UCL, Brussels

ART: where are the limits?

Chairs: Christophe Blockeel, UZ Brussel and Annick Delvigne, CHC St. Vincent, Rocourt
17:10 - 17:30 Surrogacy, the Belgian experience
Candice Autin, CHU Saint-Pierre, Brussels
17:30 - 17:50 The male age limit
Yvon Englert, Hôpital Erasme, Brussels
17:50 - 18:00 Discussion

BSRM Honorary Member 2013

18:00 - 18:10 *Marc Dhont, emeritus professor UZ Gent*
Introduced by Jan Gerris, UZ Gent
18:10 - 18:30 Myths and fallacies in reproductive medicine
Marc Dhont, emeritus professor UZ Gent

19:30 **Reception & dinner party in the 'Limburghal'**

SATURDAY 16 NOVEMBER 2013

Free communications

Chairs: *Nathalie Dhont, ZOL, Genk and Dominique Raick, CHC St.-Vincent, Rocourt*
Free communication session (10 minutes lecture + 5 minutes discussion)

- 09:00 - 09:15 Heterogeneity in the level of mitochondrial DNA heteroplasmy increases during progressive passaging of mouse embryonic stem cells
Jitesh Neupane, UZ Gent
- 09:15 - 09:30 AMH mutations with reduced bioactivity in premature ovarian insufficiency patients
B. Mercadal Alvaro, Hôpital Erasme
- 09:30 - 09:45 Conversion of human embryonic stem cells into a naïve state of pluripotency using chemically defined culturing conditions
Galbha Duggal, UZ Gent
- 09:45 - 10:00 The first 2000 Non-Invasive Prenatal Tests (NIPT) in Belgium and the Netherlands
Patrick Willems, GENDIA, Antwerpen
- 10:00 - 10:15 Triple inhibition of TGFB, FGF/Erk and GSK3B pathways enhances proliferation of epiblast cells and improves derivation of embryonic stem cells in mice
Sabitri Ghimire, UZ Gent
- 10:15 - 10:30 Pregnancy complications and perinatal outcome of obese versus non-obese PCOS women
Veerle de Frène, UZ Gent

BELRAP

10:30 - 10:50 **BSRM: BELRAP 2011**
Thomas D'Hooghe, College of Physicians Reproductive Medicine

10:50 - 11:20 Coffee break

Embryology

Chairs: *Koen Wouters, ZNA Middelheim and Anne Vanlangendonck, Hôpital Erasme*

11:20 - 11:40 Culture media: Secrets and revelations
Arne Sunde, Norwegian University of Science and Technology, Trondheim, Norway

11:40 - 12:00 Totipotency and differentiation in human pre-implantation embryos
Hilde Van de Velde, UZ Brussel

BSRM Keynote Lecture

12:00 - 12:30 Human reproduction in Darwinian perspective
Johan Mertens, University of Ghent

12:30 BSRM Award