



Society for
Reproduction
and Fertility

SRF ANNUAL CONFERENCE 2014 1 -2 September 2014, Edinburgh

The SRF annual conference will this year take place from 1st – 2nd September 2014 in the Edinburgh International Conference Centre 2. The SRF conference will be held as a satellite meeting immediately preceding the **World Congress for Reproductive Biology (WCRB 2014)** which runs from 2nd – 4th September in the same venue.

This year we are honoured to present **Takashi Shinohara** from Kyoto University with the **SRF Distinguished Scientist Award**. Takashi will give a presentation entitled ***Regulation of spermatogonial stem cells***.

We are delighted to announce that this year's **Marshall medal** will be presented to **Martin Johnson**, University of Cambridge. The Marshall Medal is the SRF's highest honour being awarded to outstanding contributors to the study of fertility and reproduction.

Monday 1 September 2014

09:00 - 10:30 **Registration, refreshments, put up posters**

10:30 - 10:40 **Welcome to SRF 2014**

Introduction from Dr Franchesca Houghton (SRF Programme Committee Chair)

SRB/SRF POST-DOCTORAL EXCHANGE PRIZE SESSION

Monday 1 September 2014

Speakers:

10:40 - 11:00 **Amy Winship** (*MIMR-PHI Institute of Medical Research, Australia*)
Blocking endogenous interleukin 11 alters placentation in mice

11:00 - 11:20 **Chiara Mannelli** (*Institute of Animal Reproduction and Food Research, Polish Academy of Sciences, Poland*)

ENVIRONMENTAL CHEMICALS AND REPRODUCTION: HOW BISPHENOL A TRIGGERS A PRO-INFLAMMATORY RESPONSE IN ENDOMETRIAL STROMAL CELLS

11:20 - 11:40 **Antonio Galvao** (*CIISA, Faculty of Veterinary Medicine, University of Lisbon, Portugal*)
Nodal promotes luteolysis via downregulation of steroidogenesis in equine corpus luteum

11:40 - 12:00 **Douglas Gibson** (*University of Edinburgh, United Kingdom*)
Evidence for Intra-uterine Androgen Action During Preparation for Pregnancy in Women

12:00 - 13:00 **Lunch**

13:00 - 14:00 SRF/BAS joint poster viewing

SRF STUDENT PRIZE SESSION

Monday 1 September 2014

Speakers:

14:00 - 14:15 **Susan Spence** (*University of Edinburgh, United Kingdom*)

The role of the phosphatidylinositol-3'-kinase (PI3K) pathway in primordial follicle activation and early ovarian follicle growth.

14:15 - 14:30 **Vicky Young** (*Edinburgh University, United Kingdom*)

TGF- β 1 regulates VEGF-A through the ID1 pathway in women with endometriosis

14:30 - 14:45 **Jessica Sanders** (*Cardiff University, United Kingdom*)

Sperm-specific PAWP does not cause Ca²⁺ release in mouse eggs

14:45 - 15:00 **Jing He** (*University of Edinburgh, United Kingdom*)

A novel repression function of DAZL on the translation of SOX17 mRNA during human fetal oogenesis

15:00 - 15:15 **Justine Olcorn** (*MIMR-PHI Institute of Medical Research, Australia*)

Meiotic and post-meiotic germ cells up-regulate blood-testis barrier function

15:15 - 15:30 **Katarzyna Siemienowicz** (*University of Edinburgh, United Kingdom*)

Potential role of FGF21 in the metabolic pathophysiology of an ovine model of polycystic ovary syndrome

15:30 - 16:00 **Refreshments**

SYMPOSIA: The future of ART

Monday 1 September 2014

Speakers:

16:00 - 16:40 **Michael Davies** (*The Robinson Institute, University of Adelaide, Australia*)

Infertility treatment: Questions from a technology at the edge of knowledge

16:40 - 17:20 **Marisa Bartolomei** (*Smilow Center for Translational Research, U.S.A.*)

Epigenetic regulation of genomic imprinting in ART-conceived offspring in a mouse model system

17:20 - 18:00 **Katsuhiko Hayashi** (*Kyoto University, Japan*)

Generation of eggs from mouse embryonic stem cells

19:00 - 22:30 **SRF Conference Dinner at the Waldorf Astoria Hotel, Edinburgh (The Caledonian)**

Pre-dinner drinks from 19:00, dinner at 19:30

21:00 - 21:30 **Martin Johnson** (*Anatomy School and Trophoblast Research Centre, United Kingdom*)

Marshall Medallist lecture

SSR/SRF NEW INVESTIGATOR AND EXCHANGE SESSION

Tuesday 2 September 2014

08:30 - 09:00 **Refreshments**

Speakers:

09:00 - 09:45 **Stephanie Pangas** (*Baylor College of Medicine, U.S.A.*)
The TGF β family in ovary development and disease

09:45 - 10:30 **Andrew Childs** (*The Royal Veterinary College, United Kingdom*)
The Ins and Outs of Human Fetal Oogenesis

10:30 - 11:00 **Refreshments**

SRF DISTINGUISHED SCIENTIST LECTURE

Tuesday 2 September 2014

Speakers:

11:00 - 12:00 **Takashi Shinohara** (*Kyoto University, Japan*)
Regulation of spermatogonial stem cell self-renewal

12:00 - 13:00 **SRF Annual General meeting**

Wednesday 3 September 2014

18:30 - 20:00 **SRF Postgraduate/Postdoctoral symposia**

All SRF/WCRB delegates are welcome to attend this session. It will focus on key skills for junior researchers at postgraduate/postdoctoral stages of their career.