FONDATION LOUIS-JEANTET

2014 LOUIS-JEANTET SYMPOSIUM

CMU - Centre Médical Universitaire, Rue Michel-Servet 1, 1206 Genève - Auditoire A250

Wednesday, October 15, 2014

08:50 – 09:00 **Henri Bounameaux**
Dean of the Faculty of Medicine, University of Geneva
Opening

SESSION 1 : ADULT STEM CELLS

SESSION 1.1 : 9:00 - 10:55

Chairman : **Hans Clevers**, 2004 Louis-Jeantet prize-winner
Hubrecht Institute
Co-chairman : **Ariel Ruiz i Altaba**, Faculty of Medicine,
University of Geneva

09:00 – 09:25 **Yann Barrandon**
EPF Lausanne
Microenvironment and stemness

09:25 – 09:50 **Cédric Blanpain**
Université libre de Bruxelles
Mechanisms regulating stemness in skin cancers

09:50 – 10:05 Break

10:05 – 10:30 **Margaret Buckingham**
Institut Pasteur, Paris
Regulation of muscle satellite cells

10:30 – 10:55 **Tannishtha Reya**
University of California, San Diego
Stem cell signals in cancer growth and progression

10:55 – 11:10 Break

SESSION 1.1 : 11:10 – 12:25

11:10 – 11:35 **Freddy Radtke**
EPF Lausanne
Inflammation and limbal stem cells

11:35 – 12:00 **Paolo Bianco**
University of Rome
Bone marrow, the skeleton and stem cells

12:00 – 12:25 **Hans Clevers**
Hubrecht Institute
Keynote Lecture : Wnt signaling, Lgr5 stem cells
and cancer

12:25 – 13:40 Lunch

SESSION 2 : PLURIPOTENT STEM CELLS

SESSION 2.1 : 13:40 – 15:35

Chairman : **Austin Smith**, 2010 Louis-Jeantet prize-winner
University of Cambridge
Co-chairman : **Karl-Heinz Krause**, Faculty of Medicine,
University of Geneva

13:40 – 14:05 **Jennifer Nichols**
Cambridge Stem Cell Institute
Embryo origin of pluripotency

14:05 – 14:30 **Hendrik G. Stunnenberg**
Radboud University Nijmegen
Genomics and epigenomics of pluripotency

14:30 – 14:45 Break

14:45 – 15:10 **Juergen A. Knoblich**
Institute of Molecular Biotechnology, Vienna
Modeling human brain development and
disease in 3D culture

15:10 – 15:35 **Lorenz Studer**
Memorial Sloan Kettering Cancer Center, New York
Disease modelling with induced pluripotent
stem cells

15:35 – 15:50 Break

SESSION 2.2 : 15:50 – 17:05

15:50 – 16:15 **Thomas Graf**
Centre for Genomic Regulation, Barcelona
Learning about differentiation from
forced cell fate changes

16:15 – 16:40 **Sara-Jane Dunn**
Microsoft Research, Cambridge
Biological computation in pluripotent stem cells

16:40 – 17:05 **Austin Smith**
University of Cambridge
Keynote Lecture : Ground state of Pluripotency

17:05 – 17:15 **Hans Clevers and Austin Smith**
Concluding remarks

17:15 End of the Symposium

More information and registration online : www.jeantet.ch