**2013 LOUIS-JEANTET SYMPOSIUM**

Centre Médical Universitaire (CMU), Rue Michel-Servet 1, 1206 Geneva - Auditorium 250

**Wednesday, 23 October 2013**

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

**SESSION 1 : OXYGEN SENSING AND CANCER**

**SESSION 1.1 : 09:00 – 10:55**

Chairmen

09:00 – 09:25
Roland H. Wenger
University of Zurich
Modulating the human hypoxia response

09:25 – 09:50
Stephen Lee
University of Ottawa
The role of RNA hypoxia response element (rHRE)-driven protein synthesis in the hypoxic cell phenotype

09:50 – 10:05 Break

10:05 – 10:30
M. Celeste Simon
University of Pennsylvania
HIF/mTORC1 pathways and their impact on cancer metabolism

10:30 – 10:55
Randall S. Johnson
University of Cambridge
Functional diversity in the HIF system; implications for cancer

10:55 – 11:10 Break

**SESSION 1.2 : 11:10 – 12:25**

11:10 – 11:35
Wilhelm Krek
ETH Zurich
HIF-dependent and HIF-independent function of the von Hippel-Lindau tumour suppressor

11:35 – 12:00
Massimiliano Mazzone
University of Leuven
Oxygen vessels, and inflammation: implications for cancer and ischemia

12:00 – 12:25
Peter J. Ratcliffe
University of Oxford
**Keynote Lecture**: Understanding cellular oxygen sensing pathways; what are the implications?

12:25 – 13:40 Lunch

**SESSION 2 : LYMPHOCYTES AND CANCER**

**SESSION 2.1 : 13:40 – 15:35**

Chairmen

13:40 – 14:05
Holger Gerhardt
Cancer Research UK, London
From cells to networks - Principles of vascular pattern formation

14:05 – 14:30
Anne Eichmann
Yale University
Factors guiding of vascular patterning

14:30 – 14:45 Break

14:45 – 15:10
Christer Betsholtz
University of Uppsala
Pericytes, the blood-brain barrier, and brain diseases

15:10 – 15:35
Ralf H. Adams
Max Planck Institute, Münster
Molecular regulation of angiogenic blood vessel growth

15:35 – 15:50 Break

**SESSION 2.2 : 15:50 – 17:05**

15:50 – 16:15
Taija Makinen
University of Uppsala
Organ-specific mechanisms of lymphatic development

16:15 – 16:40
Tatiana Petrova
University of Lausanne
Biomechanical and transcriptional regulation of lymphatic vessels

16:40 – 17:05
Kari Alitalo
University of Helsinki
**Keynote Lecture**: Biological functions and therapeutic potential of vascular endothelial growth factors

17:05 – 17:15
Jürg A. Schifferli
University of Basel
Concluding remarks

17:15 End of the Symposium

More information and registration online: www.jeantet.ch