Body composition, Thermogenesis & Inflammation in Pathogenesis of Obesity and Metabolic Syndrome

9:15 – 10:00 Registration - Coffee/Croissants
10:00 – 10:10 Welcome to FORC-2011 J.-P. Montani (Fribourg, CH)

10:10 – 13:00 Morning Symposium

10:10 – 10:45 Tracking body composition in pathogenesis of obesity and metabolic syndrome
Manfred J Muller (Christian-Albrechts University, Kiel, Germany)

10:45 – 11:20 Impaired protein metabolism: interlinks between obesity and insulin resistance
Yves Boirie (University of Clermont, France)

11:20 – 11:50 Coffee break & Poster viewing

11:50 – 12:25 Visceral fat and metabolic inflammation: The portal theory revisited
Daniel Konrad (University Children’s Hospital, Zurich, CH)

12:25 – 13:00 The vascular endothelium and macrophages in metabolic diseases
Zhihong Yang (University of Fribourg, CH)

13:00 – 14:15 Lunch

14:15 – 17:40 Afternoon Symposium

14:15 – 14:50 The adipose organ: white-brown adipocyte plasticity and metabolic inflammation
Saverio Cinti (University of Ancona, Italy)

14:50 – 15:25 What constitutes adaptive thermogenesis in body composition regulation?
Abdul G Dulloo (University of Fribourg, CH)

15:25 – 16:00 Core temperature: a forgotten variable in energy expenditure & obesity?
Lewis Landsberg (Northwestern University, USA)

16:00 – 16:30 Coffee break & Poster viewing

16:30 – 17:05 Lipotoxicity and skeletal muscle insulin resistance
Francesca Amati (University of Lausanne, CH)

17:05 – 17:40 Molecular pathways between metabolic inflammation & adaptive thermogenesis
Giovanni Solinas (University of Fribourg, CH)

17:40-17:45 Closing FORC-2011 + Forthcoming events in obesity research