

## Thursday October 5th, 2017

13h30-14h	Registration and coffee
14h	Welcome
14h-14h45	<b>Clemens Bergwitz</b> (Yale University, New Haven, USA) <i>"Metabolic and endocrine sensing of phosphate - insights from genetic disorders"</i>
14h45-15h30	<b>Colin Farquharson</b> (Roslin Institute, Edinburgh, UK) <i>"Role of TNAP and PHOSPHO1 during the initiation of skeletal mineralisation"</i>
15h30-16h00	Coffee break and <b>poster viewing</b>
15h45-16h30	<b>Franck Oury</b> (Institut Necker Enfants Malades, Paris, France) <i>"Autophagy reverses age-related memory decline and mediates osteocalcin's regulation of brain cognitive functions"</i>
16h30-17h15	<b>Will Cawthorn</b> (University of Edinburgh, UK) <i>"Why is our bone marrow full of fat? Investigating the formation and function of bone marrow adipose tissue"</i>
17h30	End of the day

## Friday October 6th, 2017

9h00-9h30	Registration and coffee
9h30	Welcome
9h30-10h15	<b>Ralf H Adams</b> (Max-Planck Institute, Muenster, Germany) <i>"Bone-specific specialization of blood vessels and roles in osteogenesis "</i>
10h15-10h40	<i>Cutting-edge technology seminar</i> <b>Steven Nedellec &amp; Laurence Dubreil</b> (MicroPiCell and APEX platforms, Nantes) <i>"Super resolution microscopy and multiphoton imaging"</i>
10h40-11h	Coffee break and <b>discussions</b>
11h-11h45	<b>Marie-Hélène Lafage-Proust</b> (INSERM U1059, Saint Etienne, France) <i>"What is the role of bone vessels in bone remodeling?"</i>
11h45-12h30	<b>Kristina Bostrom</b> (UCLA Molecular Biology Institute, Los Angeles, USA) <i>"Endothelial BMP Signaling – A Key to Vascular Disease"</i>
12h30-14h	Lunch and <b>poster viewing</b>
14h-14h30	<i>Young Investigator talk 1</i> - <b>Miguel Carracedo</b> (Karolinska Institute, Solna, Sweden) <i>"Smooth Muscle Cell Differentiation in Vascular Calcification"</i>
14h30-15h	<i>Young Investigator talk 2</i> - <b>Claire-Sophie Devignes</b> (INSERM U1132, Paris, France) <i>"HIF signaling in osteoblast lineage cells promotes systemic breast cancer growth and metastasis"</i>
15h00-16h15	Coffee break and <b>discussions</b>
15h30-16h15	<b>Benjamin Ory</b> (INSERM U1238 University of Nantes, France) <i>"Epigenetic regulation of primary bone tumors and their microenvironment"</i>
16h15-17h	<b>Michael Briggs</b> (University of Newcastle, UK) <i>"New therapeutic targets in genetic skeletal diseases"</i>
17h	Final words