

## **Programme USP-KCL's Research Workshops: a Transatlantic Gateway**

Programme for ICB on the 12<sup>th</sup> of May – Anfiteatro Rosa, ICB IV

### Morning Session 9:00-12:30

9:00 Introduction to Workshop, Prof. Alison Colquhoun, President of ICB International Relations Committee

9:05 Welcome speech by the Director of ICB, Prof. Jackson Cioni Bittencourt

9:25 Prof. Thiago Moreira, President of ICB Research Committee

Introduction to Research at ICB / Optogenetic stimulation of catecholaminergic C1 neurons causes cardiorespiratory activation

9:45 Prof. Susan Brain, Cardiovascular Division and Pharmacology Department, KCL

Elucidating the roles of Transient Receptor Potential (TRP) Receptors and Sensory Nerves in Cardiovascular and Inflammatory Disease

10:10 Prof. Soraia Costa, Department of Pharmacology, ICB

Early exposure to environmental pollutant enhances vulnerability to inflammation and impairs vascular function in Adolescence: Is there a role for TRP channels?

10:30 Prof. James Arnold, Department of Cancer Studies, KCL

Tumour associated macrophages and their role in cancer progression

10:55 Prof. Carsten Wrenger, Department of Parasitology, ICB

Targeting Nuclear Receptors by Cellular High-Throughput-Screenings

11:15 Prof. Madeline Parsons, Randall Division of Cell and Molecular Biophysics, KCL

Imaging dynamic signalling events controlling cell adhesion and migration

11:40 Prof. Ruy Jaeger, Department of Cell and Developmental Biology, ICB

ICB Microscopy Core Facilities

12:00 Prof. Roger Morris, Department of Chemistry, KCL (Title to be confirmed)

Lunch 12:30 – 14:30

### Afternoon Session 14:30 – 16:00

**Meet the Professors** – this will be an informal event with participation from interested students and lecturers from the ICB community. The session will allow for more detailed discussion of project interests and the identification of potential areas for collaboration between KCL and ICB.