6th Physiological Oxygen and Metallomics Workshop

12.15pm - 4.30pm, Tuesday 7th December 2021

School of Cardiovascular Medicine & Sciences, Franklin-Wilkins Building

King's College London, 150 Stamford Street, London SE1 9NH

Introductory Lectures – Room 1.16

12:00 – 12:15	Arrival and Registration
	Welcome - **Dr Richard Siow**, School of Cardiovascular Medicine & Sciences, KCL
12:15 – 12:20	**Dr Michelle Lickrish**, Technical Sales Specialist, Labtech International **Jay Champerini**, Business Development Manager, Labtech International
12:20 – 12:40	**Prof Giovanni Mann**, School of Cardiovascular Medicine & Sciences, KCL 'Defining physiological normoxia in cell physiology for improved clinical translation'
12:40 – 13:00	**Dr Krista Rantanen**, Director of Scientific Applications, Baker-Ruskinn 'Oxygenie: an innovative, portable O_2-regulated 'incubator' enabling cell imaging'
13:00 – 13:20	**Oliver Carney**, Applications Scientist, BMG Labtech 'Cellular oxygenation and metabolism *in vitro* using BMG O_2 regulated plate readers'
13:20 – 13:40	**Dr Theodora Stewart**, London Metallomics Facility, King's College London **'**Integrating multi-dimensional metal analytics for *in situ* metallomic imaging'
13:40 – 14:00	**Dr Matthew Smith,** School of Cardiovascular Medicine & Sciences, KCL 'Metallomic profiling of vascular cells adapted to physiological normoxia and hypoxia'

Hands-on training using Baker-Ruskinn workstations, Oxygenie and BMG Labtech plate reader

14:00 – 16:00	**Physiological Oxygen Facility Demonstration – Room 3.26** Dr Matthew Smith & Fan Yang (King's College London) Dr Krista Rantanen & Adrian Grant (Baker Ruskinn) Oliver Carney (BMG Labtech) **London Metallomics Facility Visit** Dr Theodora Stewart, LMF Manager, King's College London Bill Spence, Teledyne CETAC Technologies (via Teams) **Labtech International - Scientific Sales, Service and Support** Jay Champerini, Business Development Manager
16:00 – 16:30	Refreshments and discussion with speakers – **Room 1.16**

We gratefully acknowledge support from HRUK, BHF and our R&D collaborators