



King's College London 3rd Physiological Oxygen Training Workshop on 9 April 2018

School of Cardiovascular Medicine & Sciences, Franklin-Wilkins Building,
150 Stamford Street, London SE1 9NH

Programme

Introductory Lectures – Room 2.40, 2nd Floor Franklin-Wilkins Building

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| 9:30 – 9:45 | Prof Giovanni E. Mann – Welcome |
| 9:45 – 10:10 | Andrew Skinn , Founder and Director of Ruskinn Technology
'Physiological oxygen: a passion for innovation' |
| 10:10 – 10:30 | Oliver Carney , Senior Applications Scientist, BMG Labtech, UK
'Cutting edge gas control in high performance microplate reader with LVF monochromators' |
| 10:30 – 11:00 | Richard Fernandes , CEO Luxcel Biosciences, Ireland
'Measuring cellular oxygenation and metabolism <i>in vitro</i> ' |
| 11:00 – 11:30 | Kara Held , Baker-Ruskinn, Sanford, Maine, USA
'How to better mimic cell physiology' |
| 11:30 – 11:45 | Giovanni E. Mann , BHF Centre of Research Excellence, King's College London, UK
'Defining physiological normoxia <i>in vitro</i> for translation to animal models and man' |
| 11:45 – 12:45 | Lunch and informal discussion |

Hands-on laboratory training using Baker-Ruskinn workstations and BMG Labtech plate reader – Lab 3.26

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| 13:00 – 15:00 | Sarah J. Chapple, Gabriela Warpsinski , BHF Centre of Research Excellence, King's College London, UK
Performing cell culture in Sci-tive and InVivo workstations under defined ambient O ₂ levels
Measurements of intracellular O ₂ levels in live cells using MitoXpress® Intra in a CLARIOstar O ₂ regulated plate reader |
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Keynote Workshop Seminar – Room 2.40, 3rd Floor Franklin-Wilkins Building

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| 15:00 – 16:00 | Prof Michael Duchon , University College London, UK
'Mitochondrial pathways as therapeutic targets in human disease' |
| 16:00 – 16:15 | Prof Giovanni E. Mann – Closing comments |
| 16:15 – 17:15 | Refreshments and discussion with speakers |

We gratefully acknowledge support-in-kind from our R&D collaborators



Map of Waterloo Campus: <https://www.kcl.ac.uk/study/campus/waterloo.aspx>