



WILLIAM HARVEY RESEARCH INSTITUTE ANNUAL RESEARCH REVIEW

Wednesday 21st June 2023, 9.00am-4.15pm
Derek Willoughby Lecture Theatre, Charterhouse Square

DRAFT PROGRAMME

09.00	WELCOME by Professor Panos Deloukas, Director WHRI
<u>SESSION 1</u>	Chaired by Jack Williams
09.05-09.20	Prof Michelangelo Campanella, CPPM <i>Pharmacology of Mitochondria and their social habit in Health and Disease</i>
09.25-09.35	Maria Fragiadaki, TMT & LLH <i>Unravelling the enigmatic ANKHD1: Insights into its Role in Polycystic Kidney Disease Pathogenesis and Vascular Preservation</i>
09.40-9.50	Alice Fuller, EMR <i>Gate Control of Sensory Neurotransmission in Peripheral Ganglia by Proprioceptive Sensory Neurons</i>
9.50-10.05	Claudio Raimondi, CVMD <i>Neuropilin-1 prevents endothelial cell activation and interacts with TGFBR2 and VE-cadherin to promote adherens junction stability</i>
10.10-10.55	<i>Outstanding Contribution to Science prize</i> Professor Sir Peter Donnelly, GenomicsPLC <i>The potential for genomics to empower a prevention-first agenda for healthcare</i> Introduction and Medal Presentation by Professor Panos Deloukas
11.00-11.20	Coffee break : Foyer, Derek Willoughby Lecture Theatre
<u>SESSION 2</u>	Chaired by Alice Fuller
11.25-11.40	Prof Paul Evans, Biochemical Pharmacology <i>Endothelial responses to flow in development and disease</i>
11.45-11.55	Loïc Rolas, CMR <i>Endothelial cell senescence: A key regulator of leukocyte responses in inflamed tissues</i>
12.00-12.10	Umesh Dhawan, Biopharm <i>Macrophage-secreted DNase prevents neutrophil extracellular trap mediated impairment of efferocytosis in atherosclerosis</i>
12.15-1.00	<i>Sir John Vane Medal prize</i> Professor Marina Botto, Imperial College London <i>Complement and lupus – lessons from the past and new insights for the future</i>

	Introduction and Medal Presentation by Professor Federica Marelli-Berg
1.00-2.15	Lunch and poster viewing : The Shield
SESSION 3:	Chaired by Loïc Rolas
2.15-2.25	Jack L Williams, Endocrinology <i>Loss of MYLK3 causes DCM via a MYL2-independent mechanism</i>
2.30-2.40	Maryna Samus, CMR <i>Accelerated experimental cancer growth and altered tumour-host interactions in mice with ACKR1-deficient erythroid cells</i>
2.45-2.55	Oleksandra Prisyazhna, CPPM <i>Redox control of blood pressure by RSK2 – therapeutic implications</i>
3.00-3.10	Johannes Schroth TMT <i>The Metabolic Basis of Postoperative T cell Immune-Suppression</i>
3.15-4.00	Derek Willoughby Award Professor Arne Akbar, University College London <i>Strategies to enhance immunity during ageing</i> Introduction and Medal presentation by Professor Amrita Ahluwalia
4.00-4.10	Prizes awarded by Panos Deloukas Education prize Best short talk Best poster <i>(Prizes for short talk and poster decided by Judging Panel)</i> Image competition <i>(Prize for best image decided by WHRI staff and students)</i> WHRF Ltd WHRF Ltd (Dr Trini Montero-Melendez) and WHRF Lay communication prize
4.10-4.20	CLOSING REMARKS by Prof Panos Deloukas
5.00-6.00	External ISAB members – closed discussion with PDRAs/junior academics*
From 5.30	WHRI Summer Party - Charterhouse Square Lawn

* ISAB (International Scientific Advisory Board) members would also like to meet with PhD students and senior academics on Wednesday 22nd. Details will be communicated separately to these groups.
