

## WILLIAM HARVEY RESEARCH INSTITUTE Annual Review 2020



WEDNESDAY 24<sup>th</sup> June 2020  
Microsoft Teams

### PROGRAMME

10.50am	<b>WELCOME-Prof Costantino Pitzalis</b>	2.15pm	<b>Dr Valentina Cipriani (C4TB)</b> "Factor H-Related Protein 4 (FHR-4) drives complement dysregulation in age-related macular degeneration"
Session 1	<i>Chaired by James Whiteford</i>		
11.00am	<b>Dr Lalit Dubey (CMR)</b> "Cellular Cross-Talk within The Mesenteric Lymph Node: Novel Perspective on Stromal cells"	2.25pm	<b>Dr Vanessa Lowe (TMT)</b> "Role of cardiomyocyte-derived c-type natriuretic peptide in myocardial infarction"
11.15am	<b>Dr Hongmei Fu (BP)</b> "Control of CD8+ T cell Effector Function by Glucose Transporter 2."	2.35pm	<b>Dr Katia Mariniello (Endo)</b> "A novel stem cell population in the adrenal cortex: role in physiology and implication for the pathogenesis of adrenocortical carcinoma"
11.25am	<b>Dr Regis Joulia (CMR)</b> "Neutrophil sub-endothelial cell migration is regulated by perivascular mast cells in vivo"	2.45pm	<b>Dr Christopher Switzer (CP)</b> "Sustained cellular stress induces DNA demethylation during tumorigenesis and cardiac fibrosis"
11.35am	<b>Dr Davide Lucchesi (EMR)</b> "IL-27 regulates the magnitude of ectopic germinal centres in experimental sialadenitis but fails to modulate IL-17 and IFN $\gamma$ production in CD4 T cells from patients with Sjögren's syndrome."	2.55pm	<b>BREAK</b>
11.45am	<b>Dr Deepti Gurdasani (C4TB)</b> "Machine learning in genomics and health"	3.30pm	<b>John Vane Award Lecture:</b>  <i>Introduced by Prof Amrita Ahluwalia</i>
12.00pm	<b>Lunch Break</b>		<b>Prof Nick Morrell (University of Cambridge)</b> "Leveraging clues from human genetics to treat pulmonary arterial hypertension"
1.00pm	<b>Virtual Poster Session</b>		
Session 2	<i>Chaired by James Whiteford</i>	4.30pm	<b>WHRF Presentation</b> <b>Mr Jeremy Tigue, Chair WHRF</b> <i>Lay Communications and Travel Awards</i>
2.00pm	<b>Dr Neil Dufton (CMR)</b> "Targeting endothelial cell plasticity and Endothelial-to-mesenchymal transition (EndMT) to enhance tissue repair and reverse fibrosis"	4.45pm	<b>PRIZES</b> <b>Presented by Prof Marta Korbonits</b> <i>Best Poster</i> <i>Best Talk</i>
		4.50pm	<b>FINAL ADDRESS-Prof Sir Mark Caulfield</b>