



Programme

Timings are in BST (GMT +1)

Thursday 17 September

16:00	Chairpersons: Prof Manuel Mayr (Kings College, London) Prof Charis Antoniades (University of Oxford)
16:00 – 17:00	Hugh Sinclair memorial Lecture: Biological Ageing and Coronary Artery Disease – a Journey Prof Sir Nilesh J Samani Professor of Cardiology Department of Cardiovascular Sciences University of Leicester Consultant Cardiologist Medical Director, British Heart Foundation
	Chairpersons: Dr Helle Jørgensen (University of Cambridge) Prof Sheila Francis (University of Sheffield)
17:00 – 18:00	Rapid fire presentations
	17:00 – 17:05 Introduction (Helle Jørgensen + Sheila Francis)
	17:05 – 17:10 RF1 DEFICIENCY OF MYELOID PHD PROTEINS AGGRAVATES ATHEROGENESIS VIA MACROPHAGE APOPTOSIS AND PARACRINE FIBROTIC SIGNALING Kim van Kuijk (Maastricht, Netherlands)
	17:10 – 17:12 Discussion
	17:12 – 17:13 Changeover
	17:13 – 17:18 RF2 EXPLORING THE TOTAL AND DIRECT EFFECT OF 14 TRIGLYCERIDE-CONTAINING LIPOPROTEIN SUB-FRACTION METABOLITES AND CORONARY HEART DISEASE: A TWO-SAMPLE MENDELIAN RANDOMISATION ANALYSIS Roshni Joshi (London, UK)
	17:18 – 17:20 Discussion



	<p>17:20 – 17:21 Changeover</p> <p>17:21 – 17:26 RF3 COMPARATIVE SECRETOME ANALYSIS OF OBESE PERIVASCULAR ADIPOSE TISSUE REVEALS IMPAIRED ADIPOSE-NEURONAL CROSSTALK Elisa Duregotti (London, UK)</p> <p>17:26 – 17:28 Discussion</p> <p>17:28 – 17:29 Changeover</p> <p>17:29 – 17:34 RF4 CHOLESTERYL ESTER TRANSFER PROTEIN AS A DRUG TARGET Amand F Schmidt (London, UK)</p> <p>17:34 – 17:36 Discussion</p> <p>17:36 – 17:37 Changeover</p> <p>17:37 – 17:42 RF5 DEVELOPMENT OF A PRETARGETED ANTIBODY-BASED PROBE FOR THE MOLECULAR IMAGING OF ATHEROSCLEROSIS Cinzia Marceddu (London, UK)</p> <p>17:42 – 17:44 Discussion</p> <p>17:44 – 17:45 Changeover</p> <p>17:45 – 17:50 RF6 BRUTON'S TYROSINE KINASE (BTK) REGULATES MITOCHONDRIAL FUNCTION RESULTING IN ENHANCED M2-LIKE MACROPHAGE POLARISATION IN ATHEROSCLEROSIS Gareth Purvis (Oxford, UK)</p> <p>17:45 – 17:47 Discussion</p>
17:47	Delegates to Vote
17:50	Day one session close

Friday 18 September

10:00	<p>Chairpersons: Prof Tom Guzik (University of Glasgow) Prof Claudia Monaco (University of Oxford)</p>
10:00 – 11:00	<p>Early Career Investigator Competition Session sponsor: Cardiovascular Research</p> <p>10:00 – 10:07 YIA1 ROLE OF SIRTUIN 6 IN VASCULAR SMOOTH MUSCLE CELLS IN ATHEROSCLEROSIS Mandy Grootaert (Cambridge, UK)</p> <p>10:07 – 10:11 Discussion</p> <p>10:11 – 10:12</p>

	<p>Changeover</p> <p>10:12 – 10:19 YIA2 OBESITY DRIVES FOCAL ATHEROGENESIS BY INACTIVATING ENDOTHELIAL HIF2A Daniela Pirri (Sheffield, UK)</p> <p>10:19 – 10:23 Discussion</p> <p>10:23 – 10:24 Changeover</p> <p>10:24 – 10:31 YIA3 THE LOSS OF CARMN DYSREGULATES VASCULAR SMOOTH MUSCLE CELLS PHENOTYPE AND ACCELERATES ATHEROSCLEROSIS IN MICE Francesca Vacante (Edinburgh, UK)</p> <p>10:31 – 10:35 Discussion</p> <p>10:35 – 10:36 Changeover</p> <p>10:36 – 10:43 YIA4 THE SIGNALING ROLES OF THE ADAPTOR PROTEIN NCK1 IN ATHEROGENIC ENDOTHELIAL ACTIVATION Mabruka Alfaidi (Shreveport, USA)</p> <p>10:43 – 10:47 Discussion</p> <p>10:47 – 10:48 Changeover</p> <p>10:48 – 10:55 YIA5 TRIB3 DEFICIENCY INCREASES PLAQUE STABILITY AND REGULATES MACROPHAGE FUNCTION Laura Martinez Campesino (Sheffield, UK)</p> <p>10:55 – 10:59 Discussion</p>
11:00	<p>Chairpersons: Prof Manuel Mayr (Kings College, London) Prof Charis Antoniades (University of Oxford)</p>
11:00 – 12:00	<p>John French memorial lecture: Elucidating the causes of cardiovascular disease through human genetics Prof Michael Holmes Associate Professor and BHF Intermediate Clinical Research Fellow Medical Research Council Population Health Research Unit, Nuffield Department of Population Health, University of Oxford</p>
12:00 – 12:10	<p>Prize giving for the YI competition Chairpersons: Prof Tom Guzik (University of Glasgow) Prof Claudia Monaco (University of Oxford)</p>
12:10 -12:15	<p>Closing remarks: Prof Manuel Mayr (Kings College, London) Day two session close</p>