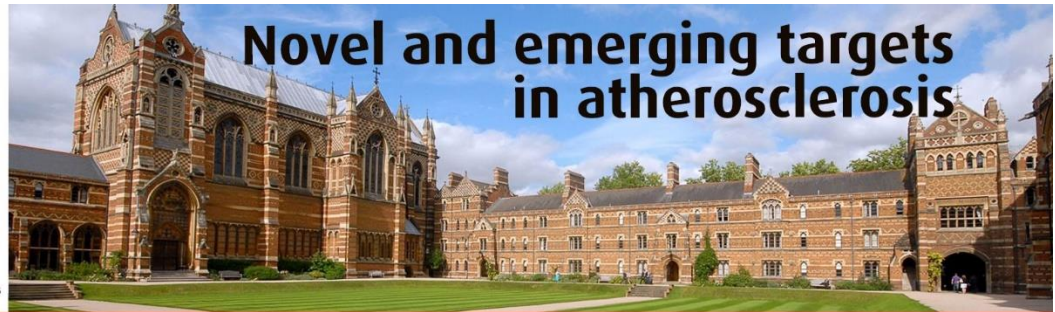




**BRITISH ATHEROSCLEROSIS
SOCIETY**

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Novel and emerging targets in atherosclerosis

SAVE THE DATE: Thursday 8 - Friday 9 September 2022, Keble College, Oxford, UK

Novel and emerging targets in atherosclerosis

PROGRAMME

(the organisers reserve the right to change the programme)

Organised by: [Prof Charalambos Antoniades](#) + [Dr Richard Cubbon](#)

Day one | Thursday 8 September

08:30	Registration opens	<i>Sloane Robinson foyer</i>
09:30 - 10:00	Refreshments Exhibition	<i>Arco Rooms</i>
10:00 - 10:10	Introduction and Welcome: Prof Charalambos Antoniades , Chairman, BAS	<i>O'Reilly Theatre</i>
SESSION 1: Current state of the art approaches in discovery science		<i>O'Reilly Theatre</i>
	<i>Co-chairs: Prof Ziad Mallat (Cambridge) + Dr Helle Jorgensen (Cambridge)</i>	
10:10 - 10:30	Prof Adam Butterworth , Cambridge, UK Using genetic tools in discovery research	
10:30 - 10:40	Discussion	
10:40 - 11:00	Prof Gerard Pasterkamp , Utrecht, The Netherlands State of the art in multi-omics discovery research in atherosclerotic disease	
11:00 - 11:10	Discussion	
11:10 - 11:30	TBC	
11:30 - 11:40	Discussion	
11:40 - 12:00	Refreshments Exhibition	<i>Arco Rooms</i>
SESSION 2: Novel molecular targets in lipids and inflammation		<i>O'Reilly Theatre</i>
	<i>Co-chairs: Prof Sir Rory Collins (Oxford) + Prof Pasquale Maffia (Glasgow)</i>	
12:00 - 12:20	Prof Erik Stroes , Amsterdam, The Netherlands Lp(a) and RNA therapeutics	
12:20 - 12:30	Discussion	
12:30 - 12:50	Prof Alberico Catapano , Milano, Italy Triglycerides : lessons from the omega-3 fatty acid trials	
12:50 - 13:00	Discussion	
13:00-13:20	Prof Nehal Mehta , NIH, USA Psoriasis, inflammation and oxidized LDL	
13:20-13:30	Discussion	
13:30 - 14:15	Lunch	<i>Dining Hall</i>

Sponsored by

Cardiovascular ResearchCo-chairs: *Prof James Leiper (Glasgow) + Prof Tomasz Guzik (Glasgow)*

14:15 - 15:30	14:15 – 14:25	1 Single cell transcriptomics reveals an unprecedented heterogeneity of human plaque macrophages Lea Dib ^{1*} , L. Koneva ¹ , A. Edsfieldt ^{2,3} , M. Nitulescu ² , R. Choudhury ⁴ , R. Lee ⁵ , A. Handa ⁵ , I. Goncalves ^{2,3} , S. Sansom ¹ , C. Monaco ¹ ¹ <i>Kennedy Institute of Rheumatology, Nuffield Department of Orthopaedics Rheumatology and Musculoskeletal Sciences, ²Dept. of Clinical Sciences, Clinical Research Centre, Lund University, Malmö, Sweden, ³Dept. of Cardiology, Skåne University Hospital, Lund/Malmö, Sweden, ⁴Radcliffe Department of Medicine Division of Cardiovascular Medicine, Oxford University, Oxford, Oxfordshire, UK, ⁵Nuffield Department of Surgical Sciences University of Oxford, UK</i>
	14:25 – 14:30	Discussion
	14:30 – 14:40	2 TIMP1 as a driver of vascular smooth muscle cell proliferation in disease Jordi Lambert ^{*1} , Oc, S ¹ , Häußler, D ² , Finigan, A ¹ , Figg, NL ¹ , Krüger, A ² , Jørgensen, HF ¹ ¹ <i>Section of Cardiorespiratory Medicine, Department of Medicine, University of Cambridge, Cambridge, UK</i> ² <i>School of Medicine, Institutes of Molecular Immunology and Experimental Oncology, Technical University of Munich, Munich, DE.</i>
	14:40 – 14:45	Discussion
	14:45 – 14:55	3 Genetic Variants Link Lp(a) with Coronary Inflammation, Arterial Redox State and Clinical Outcomes Murray Polkinghorne ^{1*} , C. Xie ¹ , J. Chauhan ¹ , A. Antonopoulos ¹ , E. de Araujo ¹ , C. Kotanidis ¹ , I. Akoumianakis ¹ , G. Krasopoulos ² , R. Sayeed ² , N. Walcot ² , K. Channon ¹ , T. Guzik ³ , G.D. Norata ⁴ , C. Antoniades ¹ ¹ <i>Division of Cardiovascular Medicine, Radcliffe Department of Medicine, University of Oxford, Oxford, United Kingdom</i> ² <i>John Radcliffe Hospital, Oxford University Hospitals, Oxford, United Kingdom</i> ³ <i>Institute of Cardiovascular & Medical Sciences, University of Glasgow, Glasgow, United Kingdom</i> ⁴ <i>Department of Excellence of Pharmacological and Biomolecular Sciences, University of Milan, Milan, Italy</i>
	14.55 – 15.00	Discussion
	15:00– 15.10	4 The diagnostic potential of plaque-specific methylation patterns in cell-free DNA Tim R Sackers [*] , <i>Laboratory of Experimental Cardiology, University Medical Center Utrecht, Heidelberglaan 100</i> Ernest Diez Benavente, <i>Laboratory of Experimental Cardiology, University Medical Center Utrecht, Heidelberglaan 100</i> Michal Mokry, <i>Laboratory of Experimental Cardiology, University Medical Center Utrecht, Heidelberglaan 100</i> Gerard Pasterkamp, <i>Laboratory of Clinical Chemistry and Haematology, University Medical Center Utrecht, Heidelberglaan 100</i> Hester M. den Ruijter, <i>Laboratory of Experimental Cardiology, University Medical Center Utrecht, Heidelberglaan 100</i>
	15:10 – 15:15	Discussion
	15:15 – 15:25	5 Regulatory T-Cell Response to Low-Dose Interleukin-2 in Ischaemic Heart Disease

		<p>Tian X Zhao^{1*}, RS Sriranjani¹, ZK Tuong^{2,3}, Y Lu¹, AP Sage¹, M Nus¹, David Klatzmann⁵, Alain Tedgui⁶, JHF. Rudd¹, SP Hoole⁷, SP Bond⁸, MR Clatworthy^{2,3}, J Cheriyian^{4,8}, Z Mallat^{1,6}</p> <p>(1) Division of Cardiovascular Medicine, Department of Medicine, University of Cambridge, Cambridge, UK.</p> <p>(2) Molecular Immunity Unit, Department of Medicine, University of Cambridge, Cambridge, UK</p> <p>(3) Cellular Genetics, Wellcome Sanger Institute, Hinxton, UK</p> <p>(4) Division of Experimental Medicine and Immunotherapeutics, University of Cambridge, Cambridge, UK</p> <p>(5) AP-HP, Pitié-Salpêtrière Hospital, Paris, France</p> <p>(6) Paris-Cardiovascular Research Center (PARCC), Inserm, Université de Paris, Paris, France</p> <p>(7) Department of Cardiology, Royal Papworth Hospital NHS Foundation Trust, Cambridge, UK</p> <p>(8) Cambridge Clinical Trials Unit, Cambridge University Hospitals NHS Foundation Trust, Cambridge, UK</p>
	15.25 – 15:30	Discussion
15:30 – 16.00	Refreshments Exhibition	Arco Rooms
Hugh Sinclair lecture		O'Reilly Theatre
	Chair: <i>Prof Charalambos Antoniades (Oxford)</i>	
16.00 - 16:50	<p><i>Prof Paul Ridker</i>, Harvard University, USA</p> <p>Inflammation as a Target for Atherosclerosis: Where are we going?</p>	
17:00 - 18:00	Poster Session	Douglas Price Room
	<p>P1</p> <p>A developmental bias towards aortic calcification: use of iPSCs to study vascular calcification</p> <p>Akbulut A C^{* 1}, Rapp N¹, Davaapil H², Sinha S², Schurgers L¹</p> <p>¹Department of Biochemistry, Cardiovascular Research Institute Maastricht, Maastricht University, The Netherlands</p> <p>²Department of Medicine and Wellcome -MRC Cambridge Stem Cell Institute, University of Cambridge, UK</p>	
	<p>P2</p> <p>Remote acute assessment of patients with high cardiovascular risk post-acute coronary syndrome (TELE-ACS)</p> <p>Nasser S Alshahrani[*], Adam Hartley, Amit Kaura, Mihir Kelshiker, Reza Hajhosseiny, Saud Khawaja, Henry Seligman, Nicholas Peters, Ramzi Khamis</p> <p>National Heart and Lung Institute, Imperial College London, UK</p>	
	<p>P3</p> <p>Effect of Inflammatory Cytokines and T cell proliferation in Hypertension</p> <p>Al-Sheikh EO^{1,2*}, Nosalski, R¹, Maffia, P¹, Guzik TJ¹</p> <p>¹Institute of Cardiovascular and Medical Sciences, University of Glasgow, UK.</p> <p>²Institution of Health Science, University of umm Al-Qura, SA</p>	
	<p>P4</p> <p>Dimethylarginine dimethylaminohydrolase 2 (DDAH2) as a possible therapeutic target for inflammation in atherosclerosis</p> <p>N. Alshuwayer^{1,2*}, L. Dowsett¹, B. Ahmetaj³, F. Leiper¹, J. Leiper¹</p> <p>¹ Institute of Cardiovascular and Medical Sciences, College of Medical, Veterinary and Life Sciences, University of Glasgow, Glasgow, G128QQ, United Kingdom</p> <p>² Department of Anatomy, College of Medicine, King Saud University, Riyadh 11451, Kingdom of Saudi Arabia</p> <p>³Imperial College London, London, United Kingdom</p>	
	<p>P5</p> <p>Synthetic proteins called Affimers as tools for evaluating LOX-1 status in patients with arterial disease</p> <p>Ahmed Al Afi^{1,2*}, Barney W. R. Roper², Darren C. Tomlinson², Sreenivasan Ponnambalam², Shervanthi Homer-Vanniasinkam¹</p> <p>¹Leeds Vascular Institute, Leeds General Infirmary, Great George Street, Leeds LS1 3EX, UK. ²Endothelial Cell Biology Unit, School of Molecular and Cellular Biology, University of Leeds, Leeds LS2 9JT, UK</p>	

P6

Characterising the role of monocyte subsets in driving foam cell formation in cardiovascular disease

J. Begum^{*1}, M. Chimen¹, D. Lezama¹, A.J. Iqbal¹, G. Ed Rainger¹

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P7

Replication of newly discovered SNPs for coronary artery disease in Europeans in a Chinese adults.

Derrick Bennett, Ahmed Edris Mohamed, Kuang Lin, Sofia Massa, Iona Millwood, Robin Walters, Zhengming Chen, Robert Clarke, on behalf of the China Kadoorie Biobank

Clinical Trial Service Unit and Epidemiological Studies Unit, Nuffield Department of Population Health, Big Data Institute Building, Old Road Campus, Roosevelt Drive, Headington

P8

Human primary plaque cells cultures to study molecular mechanisms of sex-differences in atherosclerosis

Michele F. Buono^{a*}, MSc; Ernest Diez Benavente^a, PhD; Mark Daniels^a, MSc; Daniek Kapteijn^a, BSc; Gerard Pasterkamp^b, MD PhD, Hester M. den Ruijter^a, PhD; Michal Mokry^{a,b}, MD PhD

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^b*Central Diagnostics Laboratory, University Medical Center Utrecht, Utrecht, The Netherlands.*

P9

The multi-tyrosine kinase inhibitor Sunitinib has anti-inflammatory activity in a mouse model of hypercholesterolemia

Laura Chaffey^{*}, Amelia Bowman, Annabell Roberti, Gareth S D Purvis, Conan O'Brien, David R Greaves
Sir William Dunn School of Pathology, University of Oxford, South Parks Road, Oxford, OX1 3RE

P10

T2 values should be used with caution to distinguish between acute and chronic myocardial infarction

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P11

Reversing Atherosclerosis by the Specific Removal of Oxidized Cholesterol with Cyclodextrin Dimers

DM Clemens^{1*}, AM Anderson¹, D Dinh¹, P Bhargava¹, K Sadrerafi¹, M Malanga², R Garcia-Fandiño^{1,3,4}, Á Piñeiro^{1,3,5}, MS O'Connor¹

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²*CarboHyde Co., Berlini str., 47-49 Budapest, 1045, Hungary*

³*MD.USE Innovative Solutions S.L., Edificio Emprendia, Campus Vida, 15782 Santiago de Compostela (A Coruña), Spain*

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P12

Key role of endothelial cell Jcad in voluntary exercise capacity

***SAV Draycott**^{1,2}, KE Shimell^{1,2}, E Drydale², J Mayer-Cowland^{1,2}, KM Channon^{1,2} and G Douglas^{1,2}.

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P13

The Circular RNA circANRIL16-5 regulates Atherosclerosis through binding to Cell Cycle regulator TRA2B

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⁴ Department of Oncology and Metabolism, University of Sheffield, Sheffield, UK.

P14

Lipoproteins act as vehicles for lipid antigen delivery and iNKT cell activation

S.E. Engelen^{*}, H.S. Schipper, C. Monaco.

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P15

Allergic inflammation induces endothelial dysfunction and oxidative stress through IL-4 dependent mechanisms

***Gurgone D.**^{1,2,3,4}, Jasiewicz-Honkisz B.², Caiazzo E.^{3,4}, Konior-Rozlachowska A.², Szczepaniak P.², Nosalski R.^{1,2}, McShane L.³, Osmenda G.², Wilk G.², Sliwa T.², McSharry C.³, Kurowska-Stolarska M.³, Mikolajczyk T.P.², Niccoli G.⁵, D'Emmanuele di Villa Bianca R.⁴, Sorrentino R.⁴, Siedlinski M.², Crea F.⁶, Grodzicki T.⁷, Maffia P.^{3,4}, Guzik T.J.^{1,2}

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⁶ Department of Cardiovascular and Pulmonary Sciences, Catholic University of the Sacred Heart, Rome, Italy;

⁷ Department of Internal Medicine and Gerontology, Jagiellonian University Medical College, Krakow, Poland.

P16

In vivo targeting of oxidised-LDL with novel humanised Fab-nanoparticles

Adam Hartley^{1*}, Michelle Greene², Mikhail Caga-Anan¹, Samuel Owen¹, Michael Mullin³, Charis Pericleous¹, Chris Scott², Dorian Haskard¹, Ramzi Khamis¹

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² – Patrick G Johnston Centre for Cancer Research, Queen's University, Belfast, UK

³ – Protein & Cell Sciences, GlaxoSmithKline, Stevenage, United Kingdom

P17

A novel experimental model of atherosclerosis – the ex vivo pump-perfused amputated limb model

Adam Hartley^{1*}, Samuel Owen¹, Mikhail Caga-Anan¹, Jonathan Afoke¹, Joseph Shalhoub², Kimberly Hassen³, Dorian Haskard¹, Ramzi Khamis¹

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² – Vascular Surgery, Department of Surgery & Cancer, Imperial College London, London, UK

³ – Hammersmith Hospital, Imperial College Healthcare NHS Trust, London, UK

P18

Investigating the shear-dependent modulation of EC-VSMC communication in in coronary artery bypass vein graft failure

M Jackson^{*}, Dr A Bond, Professor R Ascione Professor J Johnson and Professor SJ George

Translational Health Sciences, Bristol Medical School, University of Bristol, Level 7, Queen's Building, Bristol Royal Infirmary, BS2 8HW

P19

Independent associations of lipoprotein characteristics on risk of coronary heart disease: a study of 90,000 individuals

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Big Data Institute, Old Road Campus, Oxford OX3 7LF, United Kingdom*

P20

Cellular senescence promotes accumulation of vascular smooth muscle cells in de-differentiated / fibromyocytic phenotype

Anuradha Kaistha PhD*, Abel-Martin Garrido PhD, Sebnem Oc PhD, Kirsty Foote PhD, Helle Jorgensen PhD, Martin Bennett MD, PhD.
Section of Cardiorespiratory Medicine, University of Cambridge

P21

Macrophage subsets differentially regulate cardiac fibroblast activation – involvement of CXCL10

G. Kremastiotis*¹, Y. Li², A. W. Poole², R. Ascione¹, J. L. Johnson¹, S. J. George¹
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P22

Role of Acute Arterial Haemodynamics on Endothelial-to-Mesenchymal Transition Activation in Long Saphenous Veins

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P23

Targeting the migration of CD4⁺CD28^{null} T lymphocytes in acute coronary syndrome

D.R. Lezama¹, J. Bullenkamp², A.A. Mansour¹, A.J. Iqbal¹, I.E. Dumitriu^{1,2}.
¹ *Institute of Cardiovascular Sciences, College of Medical and Dental Sciences, University of Birmingham*
² *Molecular and Clinical Sciences Research Institute, St. George's, University of London*

P24

BCL-6b is a novel regulator of HiPSC-based vascular cell lineage specification

C Liu* - *Centre for Clinical Pharmacology, William Harvey Research Institute, Queen Mary University of London, London*
W Wang - *School of Engineering and Material Science, Queen Mary University of London, London*
Q Xiao - *Centre for Clinical Pharmacology, William Harvey Research Institute, Queen Mary University of London, London*
Centre for Clinical Pharmacology, William Harvey Research Institute, Queen Mary University of London, Charterhouse Square, London, EC1M 6BQ

P25

Role of TCF7L2 in human adipose progenitor biology and genetic susceptibility to type 2 diabetes

Nellie Y Loh*¹, Manu Verma¹, Rugivan Sabaratnam¹, Senthil K Vasan¹, Andrea D van Dam¹, Marijana Todorčević¹, Matthew J Neville¹, Enrique Toledo², Fredrik Karpe¹, Constantinos Christodoulides¹

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P26

Deficiency in Inflammatory Chemokine Receptors Reduces Atherosclerosis and Promotes Plaque Stability

* **MacRitchie N.**¹, Shoaran M.¹, Gu S.¹, Gurgone D.¹, McShane L.¹, Bin Khunayn A.M.A.¹, Ardizzone A.^{1,2}, Esposito E.², Caiazzo E.^{1,3}, Ialenti A.³, Giacca M.⁴, Zentilin L.⁵, Cole J.E.⁶, Ahern D.J.⁶, Monaco C.⁶, Guzik T.J.^{7,8}, Graham G.J.¹, and Maffia P.^{1,3}

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P27

Invasive assessment of microcirculation in Acute Myocardial Infarction: a comparison of the prognostic value of Coronary Flow Reserve, Index of Microcirculatory Resistance and Microvascular Resistance Reserve from the Oxford Acute Myocardial Infarction (OXAMI) Study

Federico Marin, Jeremy Langrish, Andrew Lucking, Rajesh Kharbanda, Keith Channon, Adrian Banning, Giovanni Luigi De Maria, OxAMI Investigators
Oxford Heart Centre, Oxford, UK.

P28

SVEP1 is a promising biomarker within a Coronary Artery Disease Cohort

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P29

Mechanical Forces pull the strings on EndMT and Atherosclerosis via an Alk5-Shc Pathway

V Mehta*¹, KL Pang, CS Givens, Z Chen, J Huang, DT Sweet, H Jo, JS Reader, E Tzima
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HJ - Coulter Department of Biomedical Engineering, Emory University and Georgia Institute of Technology, Atlanta, GA, USA.

P30

SVEP1, a novel regulator of blood pressure

Morris GE *¹, Denniff MJ¹, Douglas G², Kostogrys RB³, Rainbow RD⁴, Samani NJ¹, Webb TR¹

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P31

IL10 signalling in human vascular development: human vascular cell differentiation from induced-pluripotent stem cells

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P32

Immune system dysregulation and its impact on the cardiovascular system in post-COVID19 infection

R. Nosalski, M. Sharma, S. Sharma, L. Mccallum, R.M. Touyz, S. Padmanabhan, T.J.Guzik

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P33

Marginal Zone B cells produce 'natural' atheroprotective IgM antibodies in a T cell dependent manner

James Harrison¹, Steve Newland¹, Wei Jiang¹, Xiaohui Zhao¹, Marc Clement^{1,2}, Leanne Masters¹, Andrej Corovic¹, Xian Zhang³, Fabrizio Drago⁴, Marcella Ma⁵, Maria Ozsvar Kozma⁶, Froher Yasin¹, Yuta Saady¹, Hema Kothari⁴, Tian X Zhao¹, Guo-Ping Shi³, Coleen A McNamara⁴, Christoph Binder⁶, Andrew P Sage¹, Jason M Tarkin¹, Ziad Mallat^{1,7}, **Meritxell Nus**^{1*}

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P34

Glutamine synthetase – A novel modulator of atherosclerosis?

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P35

Adipose Tissue Derived Ceramides Regulate Myocardial Redox State and Predict Cardiovascular Outcomes

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P36

Bruton's tyrosine kinase (BTK) regulates macrophage polarisation within the atherosclerotic lesion

GSD Purvis^{1,2,3,*}, S Hui¹, AJ Iqbal⁴, G Douglas^{2,3}, L Zeboudj¹, D Ahern⁵, C Monaco⁵, KM Channon^{2,3} and DR Greaves¹

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P37

Il-33 is an emerging target in hypertension and vascular dysfunction and remodelling.

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P38

Establishing gel based 3d microenvironment to investigate macrophage migratory behaviour

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²Marmara University School of Medicine, Physiology Department, Istanbul, Türkiye

P39

Indian Consensus for the Utilisation of Combination of Dual Antiplatelet and Statin therapy for the Stratified Treatment of Acute Coronary Syndrome

Jay Shah¹, Prashant Kharche², Ajeya Mundhekar³, Pradeep R Kumar⁴, Soumik Chaudhuri⁵, Joy Sanyal⁶, Sukriti Bhalla Singh⁷, Omer Mustafa Hasan⁸, Saikat Kanjilal⁹, Ameya MT¹⁰(**STRATIFY study group**)

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2. Koshaleya Hospital, Mumbai, India
3. Healthway Hospital, Goa, India
4. Jp Hospital, Rourkela, India
5. Peerless Hospital, Kolkata, India
6. Nivedita Health Care Center, Siliguri, India
7. Aakash Hospital, Delhi, India
8. Allahabad Heart Center, Prayagraj, India
9. Manipal Hospital, Kolkata, India
10. Tirur Nursing Home, Tirur, Kerala, India

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The downregulation of IGFBP-6 in people with periodontitis may exacerbate the risk of atherosclerosis

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Generation of a conditional JCAD overexpressing mouse to investigate the association with coronary artery disease risk

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Diagnosis and prognosis of ischaemic heart disease types in the China Kadoorie Biobank (CKB) study

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Novel independent relationship between inflammatory proteins and myocardial infarction

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Auto Epicardial Adiposity Assessment For Atrial Fibrillation Risk In Severe Coronary Atherosclerosis

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P45

A Nrf2-OSGIN1&2-HSP70 axis mediates cigarette smoke-induced endothelial detachment - implications for plaque erosion

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Systolic blood pressure and risk of cardiovascular diseases: a Mendelian randomization study

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P47

Technical advances in imaging guided minimally invasive post-mortem CT angiography

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P48

Variability in vascular inflammation in response to different COVID-19 variants

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Defective vascular smooth muscle cell tafazzin impairs mitochondrial function and promotes atherosclerosis

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18:00 – 19:00

Young Scientist Community Session

Seminar Room ??



18.00 - 18.20

Tips for writing successful grants/fellowships


Prof. James Leiper (Glasgow)

18:20 – 18:30 Q&A

	18.30 - 18.50 Career talk <i>Dr Nicola Smart</i> (Oxford)	
	18:50 – 19:00 Q&A	
19:30	Dinner	<i>Dining Hall</i>

Day two | Friday 9 September

08:00	Registration opens	<i>Sloane Robinson foyer</i>
08:30 - 09:00	Refreshments Exhibition	<i>Arco Rooms</i>
SESSION 3: Novel approaches to cardiovascular risk factor mitigation		<i>O'Reilly Theatre</i>
	<i>Chairpersons: Prof Louise Bowman (Oxford, UK) + Dr Ric Cubbon (Leeds)</i>	
09:00 - 09:20	<i>Prof Sarah Berry</i> , King's College London Personalised approaches to target cardiometabolic disease: a view through the nutrition-lifestyle-microbiome lens	
09:20 - 09:30	Discussion	
09:30 - 09:50	<i>Prof Signe Torekov</i> , Copenhagen, Denmark GLP-1/GIP agonists: Effects on the cardiovascular system	
09:50 - 10:00	Discussion	
10:00 - 10:20	<i>Prof John Deanfield</i> , University College London Cardiovascular Risk Calculators of the future: What should they capture and how to use them?	
10:20 - 10:30	Discussion	
10:30 - 11:00	Refreshments Exhibition	<i>Arco Rooms</i>
Session 4: Under-represented populations in atherosclerosis research		<i>O'Reilly Theatre</i>
	<i>Chairpersons: Prof Sheila Francis (Sheffield) + Prof Emanuele Di Angelantonio (Cambridge)</i>	
11:00 - 11:20	<i>Prof Iris Jaffe</i> , Tufts Medical Center, USA Sex Differences in the role of the mineralocorticoid receptor in atherosclerosis	
11:20 - 11:30	Discussion	
11:30 - 11:50	<i>Prof Nishi Chaturvedi</i> , UCL, UK The biological basis of inter-ethnic differences in atherosclerosis	
11:50 - 12:00	Discussion	
12:00 - 12:20	<i>Prof Naveed Sattar</i> , Glasgow, UK Under-represented populations: implications for discovery science and clinical trials with some recent useful examples	
12:20 - 12:30	Discussion	
12:30 - 12:40	Concluding remarks from the BAS Chair <i>Prof Charalambos Antoniades</i>	
12:40 - 13:30	Lunch	<i>Arco Rooms</i>
13:30 – 14:30	Sponsored Symposium session Omega-3 fatty acids – basic and clinical science <i>Chair: Prof Charalambos Antoniades (Oxford)</i>	<i>O'Reilly Theatre</i>
	13:30 – 13:50 Omega-3 fatty acids in cardiovascular disease – the underpinning basic science <i>Dr R Preston Mason</i> Brigham & Women's Hospital, USA	
	13:50 – 14:00 Discussion	

	<p>14:00 – 14:20 Omega-3 fatty acids in cardiovascular disease – the clinical evidence <i>Dr Derek Connolly</i> Sandwell & West Birmingham Hospitals NHS Trust</p> <p>14:20 – 14:30 Discussion</p> <p>Sponsored by:</p> 
14:30	Meeting close
14:30 – 16:00	BAS Committee meeting
	<i>Seminar Room 1 – Sloane Robinson Building</i>

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