



BAS Annual virtual meeting 2021

Thursday 16 - Friday 17 September

PROGRAMME

(the BAS reserve the right to change the programme)

Vascular Ageing and Hypertension – towards new targets for treatments

Organised by: [Professor Tomas GUZIK](#), [Professor Sheila FRANCIS](#) + [Dr Helle JORGENSEN](#)

Thursday 16 September

TIME	SESSION DUR. MINS	TOPIC	SPEAKER	LOCATION	PRE RECORD LIVE
08:00:00		Platform log in OPENS			
09:30 - 10:00	30	Exhibition Posters Networking			
10:00 - 10:10	10	BAS Chairman - Introduction and Welcome	Prof Charalambos ANTONIADES	Oxford, UK	Live
10:10 - 11:10	60	SESSION 1: Hypertension – state of the art			
		Co-chairs: Michael Holmes (BAS) + Tomasz Guzik (BAS)			Live
10:10 - 10:30	20	Hypertension and genomics	Prof Sir Mark CAULFIELD	London, UK	Pre record
10:30 - 10:40	10	Discussion			Live
10:40 - 11:00	20	Hypertension and Immunity	Prof David HARRISON	Vanderbilt, USA	Pre record
11:00 - 11:10	10	Discussion			Live
11:10 - 11:40	30	Break Exhibition Posters Networking			
11:40 - 13:10	90	SESSION 2: Vascular Smooth muscle cells, ageing and cardiovascular disease			
		Co-chairs: Endre Kiss-Toth (BAS) + Mandy Grootaert (BAS)			Live
11:40 - 12:00	20	Vascular smooth muscle cell ageing and calcification	Prof Cathy SHANAHAN	London, UK	Pre record
12:00 - 12:10	10	Discussion			Live
12:10 - 12:30	20	Novel insights into premature ageing and atherosclerosis	Prof Vicente ANDRES	Madrid, SPAIN	Pre record

12:30 - 12:40	10	Discussion			Live
12:40 - 13:00	20	Clonal structure and fates of SMCs in atherosclerosis	Prof Jacob Fog BENTZON	Aarhus, DENMARK	Pre record
13:00 - 13:10	10	Discussion			Live
13:10 - 14:00	50	Lunch Exhibition Posters Networking			
14:00 - 15:30	90	SESSION 3: Early career investigator awards			
		Sponsored by Cardiovascular Research			
		Co-chairs: Tomasz Guzik (BAS) + Murray Clarke (BAS)			
14:00 - 14:10	10	1 THE NOVEL RNA BINDING PROTEIN ANKHD1 IS REQUIRED FOR VASCULAR HEALTH VIA STABILISATION OF ENOS AND PTGIS	Areej Alahmadi	Sheffield	Live
14:10 - 14:15	5	Discussion			Live
14:15 - 14:25	10	2 ROLE AND FUNCTION OF MACROPHAGES IN HUMAN SYMPTOMATIC CAROTID STENOSIS	Kludia Kocsy	Sheffield	Live
14:25 - 14:30	5	Discussion			Live
14:30 - 14:40	10	3 IN VIVO CORONARY ARTERY THROMBUS IMAGING WITH ¹⁸ F-GP1 PET-CT	Evangelos Tzolos	Edinburgh	Live
14:40 - 14:45	5	Discussion			Live
14:45 - 14:55	10	4 HEDGEHOG SIGNALLING AS A DETERMINANT OF HUMAN FAT EXPANSION AND DISTRIBUTION	Andrea van Dam	Oxford	Live
14:55 - 15:00	5	Discussion			Live
15:00 - 15:10	10	5 SINGLE CELL SEQUENCING REVEALS FIBROBLAST HETEROGENEITY IN HEALTHY AND DISEASED VASCULATURE	Kim van Kuijk	Maastricht	Live
15:10 - 15:15	5	Discussion			Live
15:15 - 15:25	10	6 DEEP LEARNING DETECTION OF EPICARDIAL ADIPOSITY ON CARDIAC CT PREDICTS MORTALITY AND CARDIAC EVENTS	Henry West	Oxford	Live
15:25 - 15:30	5	Discussion			Live
15:30 - 16:00	30	Break Exhibition Posters Networking			
16:00 - 17:00		Hugh Sinclair lecture			
		Chairperson: Charis Antoniades (BAS)			
16:00 - 16:50	50	Exploring Familial Hypercholesterolaemia – the journey of PCSK9	Prof Catherine BOILEAU	Paris, FRANCE	Live
16:50 - 17:00	10	Discussion			Live
17:00 - 17:05	5	Chairs closing remarks	Prof Charalambos ANTONIADES		
17:00 - 19:00	120	Moderated poster session			
		Sponsored by British Journal of Pharmacology			
19:00 - 20:00	60	Young BAS Community session - Inspiring Career Talk and questions			
		Co-chairs: Inhye Park (BAS) + Mandy Grootaert (BAS)			
20:00:00		Close day one			

Friday 17 September

TIME	SESSION DUR. MINS	TOPIC	SPEAKER	LOCATION	PRE RECORD LIVE
08:00 - 09:00	60	Log in to platform Exhibition Posters Networking			
09:00 - 09:05	5	Opening remarks	Prof Charalambos ANTONIADES	Oxford, UK	Live
09:05 - 10:05	60	SESSION 4: The intersection between inflammation and coagulation			
		Co-chairs: Sheila Francis (BAS) + Inhye Park (BAS)			Live
09:05 - 09:25	20	Interleukin-1 alpha, coagulation and inflammation	Dr Murray CLARKE	Cambridge, UK	Pre record
09:25 - 09:35	10	Discussion			Live
09:35 - 09:55	20	Crosstalk between platelets and Immunity	Prof Steffen MASSBERG	Munich, GERMANY	Pre record
09:55 - 10:05	10	Discussion			Live
10:05 - 10:35	30	Break Exhibition Posters Networking			
10:35 - 11:55	80	SESSION 5: Emerging interventions for hypertension			
		Co-chairs: Ric Cubbon (BAS) + Tomasz Guzik (BAS)			Live
10:35 - 10:55	20	Pharmacological and non-pharmacological targets of hypertension	Prof Markus SCHLAICH	Perth, AUSTRALIA	Pre record
10:55 - 11:05	10	Discussion			Live
11:05 - 11:25	20	Precision medicine and cardiovascular disease	Prof Dame Anna DOMINICZAK	Glasgow, UK	Pre record
11:25 - 11:35	10	Discussion			Live
11:35 - 11:55	20	Targeting periodontal inflammation in hypertension	Prof Tomasz GUZIK	Glasgow, UK	Pre record
11:55 - 12:05	10	Discussion			Live
12:05 - 12:10	5	BAS Chair - Concluding remarks	Prof Charalambos ANTONIADES	Oxford, UK	Live
12:10 - 13:00	50	Lunch Exhibition Posters Networking			
13:00 - 16:00	180	Single cell-RNA sequencing Symposium			
		Sponsored by 10X Genomics + Miltenyi Biotec			
		Co-chairs: Helle Jorgensen (BAS) + Claudia Monaco (BAS)			
		PART 1:			
13:00 - 13:01	1	Introduction			
13:01 - 13:21	20	Cell Atlas Technologies to Study Vasculature and Inflammation	Dr Sarah TEICHMANN	Cambridge, UK	Pre record
13:21 - 13:31	10	Discussion			Live
13:31 - 13:38	7	SINGLE CELL TRANSCRIPTOMICS REVEAL ALTERATIONS LINKED TO PLAQUE VULNERABILITY IN HUMAN ATHEROMAS	Lea Dib	Oxford	Live
13:38 - 13:41	3	Discussion			Live
13:41 - 13:48	7	SINGLE-CELL RNA-SEQUENCING REVEALS MECHANISMS UNDERLYING SELECTIVE VSMC ACTIVATION	Sebnem Oc	Cambridge	Live
13:48 - 13:51	3	Discussion			Live
13:51 - 14:06	15	Break			

14:06 - 16:00	115	PART 2: Getting Started with Single Cell Gene Expression - from sample to results		
14:06 - 14:26	20	Latest developments in single cell gene expression	Stephen Hague , Science and Technology Advisor, 10x Genomics	Live
14:26 - 14:46	20	Cell Preparation for Single Cell Genomics	Jana Soyka , Global Product Manager, Miltenyi Biotec	Live
14:46 - 15:36	50	Hands-on single cell data analysis	Nicola Cahill - 10x Genomics Support Team	Live
15:36 - 15:50	15	Q&A session		

Close

