



## BAS Annual Meeting 2021 Live

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
09:30 - 10:00	30	Log in to platform   Exhibition   Posters   Networking		
10:00 - 10:10	10	BAS Chairman - Introduction and Welcome	Prof Charalambos ANTONIADES	Oxford, UK
10:10 - 11:10	60	<b>SESSION 1: Hypertension – state of the art</b>		
		Co-chairs: <i>Michael Holmes (BAS) + Tomasz Guzik (BAS)</i>		
10:10 - 10:30	20	Hypertension and genomics	Prof Sir Mark CAULFIELD	London, UK
10:30 - 10:40	10	Discussion		
10:40 - 11:00	20	Hypertension and Immunity	Prof David HARRISON	Vanderbilt, USA

11:00 - 11:10	10	Discussion		
11:10 - 11:40	30	Break   Exhibition   Posters   Networking		
11:40 - 13:10	90	<b>SESSION 2: Vascular Smooth muscle cells, ageing and cardiovascular disease</b>		
		Co-chairs: <i>Endre Kiss-Toth</i> (BAS) + <i>Mandy Grootaert</i> (BAS)		
11:40 - 12:00	20	<b>Vascular smooth muscle cell ageing and calcification</b>	<b>Prof Cathy SHANAHAN</b>	London, UK
12:00 - 12:10	10	Discussion		
12:10 - 12:30	20	<b>Novel insights into premature ageing and atherosclerosis</b>	<b>Prof Vicente ANDRES</b>	Madrid, SPAIN
12:30 - 12:40	10	Discussion		
12:40 - 13:00	20	<b>Clonal expansion of SMCs and atherosclerosis</b>	<b>Prof Jacob Fog BENTZON</b>	Aarhus, DENMARK
13:00 - 13:10	10	Discussion		
13:10 - 14:00	50	Lunch   Exhibition   Posters   Networking		
14:00 - 15:30	90	<b>SESSION 3: Early career investigator awards</b>	Judges TBC	with prizes
		<b>Sponsored by Cardiovascular Research</b>		
		Co-chairs: <i>Tomasz Guzik</i> (BAS) + <i>Murray Clarke</i> (BAS)		
14:00 - 14:10	10	1		
14:10 - 14:15	5	Discussion		
14:15 - 14:25	10	2		
14:25 - 14:30	5	Discussion		
14:30 - 14:40	10	3		
14:40 - 14:45	5	Discussion		
14:45 - 14:55	10	4		
14:55 - 15:00	5	Discussion		
15:00 - 15:10	10	5		
15:10 - 15:15	5	Discussion		
15:15 - 15:25	10	6		
15:25 - 15:30	5	Discussion		
15:30 - 16:00	30	Break   Exhibition   Posters   Networking		
16:00 - 17:00	60	<b>Hugh Sinclair lecture</b>		
		<b>Sponsored by Novartis Pharmaceuticals</b>		
		Chairperson: <i>Charis Antoniadis</i> (BAS)		
16:00 - 16:50		<b>Exploring Familial Hypercholesterolaemia – the journey of PCSK9</b>	<b>Prof Catherine BOILEAU</b>	Paris, FRANCE

16:50 - 17:00		Discussion	
17:00 - 17:05	5	Chairs closing remarks	Prof Charalambos ANTONIADES
17:00 - 19:00	120	<b>Moderated poster session</b> <b>Sponsored by British Journal of Pharmacology</b>	

19:00 - 20:00	60	<b>Young BAS Community session - Inspiring Career Talk and questions</b>	
		Co-chairs: <i>Inhye Park</i> (BAS) + <i>Mandy Grootaert</i> (BAS)	
20:00:00		Close day one	
Minutes	375	Total talks - 6hrs 15 mins	
Minutes	140	Total breaks - 2hrs 20 mins	
Minutes	515	TOTAL DAY DURATION - 8hrs 35 mins	

## Friday 17 September

TIME	SESSION DUR. MINS	TOPIC	SPEAKER	LOCATION
08:30 - 09:00	30	Log in to platform   Exhibition   Posters   Networking		
09:00 - 09:05	5	Opening remarks	Prof Charalambos ANTONIADES	Oxford, UK
09:05 - 10:05	60	<b>SESSION 4: The intersection between inflammation and coagulation</b>		
		Co-chairs: <i>Sheila Francis</i> (BAS) + <i>Inhye Park</i> (BAS)		
09:05 - 09:25	20	Interleukin-1 alpha, coagulation and inflammation	Dr Murray CLARKE	Cambridge, UK
09:25 - 09:35	10	Discussion		
09:35 - 09:55	20	Crosstalk between platelets and Immunity	Prof Steffen MASSBERG	Munich, GERMANY
09:55 - 10:05	10	Discussion		
10:05 - 10:35	30	Break   Exhibition   Posters   Networking		
10:35 - 11:55	80	<b>SESSION 5: Emerging interventions for hypertension</b>		
		Co-chairs: <i>Ric Cubbon</i> (BAS) + <i>Tomasz Guzik</i> (BAS)		
10:35 - 10:55	20	Pharmacological and non-pharmacological targets of hypertension	Prof Markus SCHLAICH	Perth, AUSTRALIA
10:55 - 11:05	10	Discussion		
11:05 - 11:25	20	Precision medicine and cardiovascular disease	Prof Dame Anna DOMINICZAK	Glasgow, UK

11:25 - 11:35	10	Discussion		
11:35 - 11:55	20	<b>Periodontal therapy in hypertensive patients</b>	<a href="#">Prof Tomasz GUZIK</a>	Glasgow, UK
11:55 - 12:05	10	Discussion		
12:05 - 12:10	5	<b>BAS Chair - Concluding remarks</b>	<a href="#">Prof Charalambos ANTONIADES</a>	Oxford, UK
12:10 - 13:00	50	Lunch   Exhibition   Posters   Networking		
13:00 - 16:00	180	<b>Single cell-RNA sequencing Symposium</b>		
		<b>Sponsored by 10X Genomics + Miltenyi Biotec</b>		
		Co-chairs: <a href="#">Helle Jorgensen</a> (BAS) + <a href="#">Claudia Monaco</a> (BAS)		
		<b>PART 1:</b>		
13:00 - 13:01	1	Introduction		
13:01 - 13:21	20	<b>Cell Atlas Technologies to Study Vasculature and Inflammation</b>	<a href="#">Prof Sarah TEICHMANN</a>	Cambridge, UK
13:21 - 13:31	10	Discussion		
13:31 - 13:51	20	<b>2 oral presentations selected from submitted abstracts</b>		
13:51 - 14:06	15	Break		
14:06 - 16:00	115	<b>PART 2: Getting Started with Single Cell Gene Expression - from sample to results</b>		
14:06 - 14:26	20	Latest developments in single cell gene expression	<a href="#">Stephen Hague</a> , Science and Technology Advisor, 10x Genomics	
14:26 - 14:46	20	Cell Preparation for Single Cell Genomics	<a href="#">Jana Soyka</a> , Global Product Manager, Miltenyi Biotec	
14:46 - 15:36	50	Hands-on single cell data analysis	<b>10x Genomics Support Team</b>	
15:36 - 15:50	15	Q&A session		
		Close		