



BRITISH ATHEROSCLEROSIS  
SOCIETY

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## 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	TOPIC	SPEAKER	
09:30 - 10:00	Log in to platform   Exhibition   Posters   Networking		
10:00 - 10:10	BAS Chairman - Introduction and Welcome	Prof Charalambos ANTONIADES	Oxford, UK
10:10 - 11:10	<b>SESSION 1: Hypertension – state of the art</b>		
	Co-chairs: <i>Michael Holmes (BAS) + Tomasz Guzik (BAS)</i>		
10:10 - 10:30	Hypertension and genomics	Prof Sir Mark CAULFIELD	London, UK
10:30 - 10:40	Discussion		
10:40 - 11:00	Hypertension and Immunity	Prof David HARRISON	Vanderbilt, USA
11:00 - 11:10	Discussion		
11:10 - 11:40	Break   Exhibition   Posters   Networking		
11:40 - 13:10	<b>SESSION 2: Vascular Smooth muscle cells, ageing and cardiovascular disease</b>		
	Co-chairs: <i>Endre Kiss-Toth (BAS) + Mandy Grootaert (BAS)</i>		
11:40 - 12:00	Vascular smooth muscle cell ageing and calcification	Prof Cathy SHANAHAN	London, UK
12:00 - 12:10	Discussion		
12:10 - 12:30	Novel insights into premature ageing and atherosclerosis	Prof Vicente ANDRES	Madrid, SPAIN
12:30 - 12:40	Discussion		
12:40 - 13:00	Clonal expansion of SMCs and atherosclerosis	Prof Jacob Fog BENZON	Aarhus, DENMARK
13:00 - 13:10	Discussion		
13:10 - 14:00	Lunch   Exhibition   Posters   Networking		
14:00 - 15:30	<b>SESSION 3: Early career investigator awards</b>		
	Judges TBC with prizes		
	<b>Sponsored by Cardiovascular Research</b>		
	Co-chairs: <i>Tomasz Guzik (BAS) + Murray Clarke (BAS)</i>		
14:00 - 14:10	1		
14:10 - 14:15	Discussion		
14:15 - 14:25	2		
14:25 - 14:30	Discussion		
14:30 - 14:40	3		
14:40 - 14:45	Discussion		
14:45 - 14:55	4		
14:55 - 15:00	Discussion		
15:00 - 15:10	5		
15:10 - 15:15	Discussion		
15:15 - 15:25	6		

15:25 - 15:30	Discussion		
15:30 - 16:00	Break   Exhibition   Posters   Networking		
16:00 - 17:00	<b>Hugh Sinclair lecture</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	Chairs closing remarks	<b>Prof Charalambos ANTONIADES</b>	
17:00 - 19:00	<b>Moderated poster session</b> <b>Sponsored by British Journal of Pharmacology</b>		
19:00 - 20:00	<b>Young BAS Community session - Inspiring Career Talk and questions</b>		
	Co-chairs: <i>Inhye Park</i> (BAS) + <i>Mandy Grootaert</i> (BAS)		
	<b>Career talk</b>	<b>Dr Helle JORGENSEN</b>	Cambridge, UK
	Close day one		

## Friday 17 September

TIME	TOPIC	SPEAKER	
08:30 - 09:00	Log in to platform   Exhibition   Posters   Networking		
09:00 - 09:05	<b>Opening remarks</b>	<b>Prof Charalambos ANTONIADES</b>	Oxford, UK
09:05 - 10:05	<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	<b>Interleukin-1 alpha, coagulation and inflammation</b>	<b>Dr Murray CLARKE</b>	Cambridge, UK
09:25 - 09:35	Discussion		
09:35 - 09:55	<b>Crosstalk between platelets and Immunity</b>	<b>Prof Steffen MASSBERG</b>	Munich, GERMANY
09:55 - 10:05	Discussion		
10:05 - 10:35	Break   Exhibition   Posters   Networking		
10:35 - 11:55	<b>SESSION 5: Emerging interventions for hypertension</b>		
	Co-chairs: <i>Ric Cubbon</i> (BAS) + <i>Tomasz Guzik</i> (BAS)		
10:35 - 10:55	<b>Pharmacological and non-pharmacological targets of hypertension</b>	<b>Prof Markus SCHLAICH</b>	Perth, AUSTRALIA
10:55 - 11:05	Discussion		
11:05 - 11:25	<b>Precision medicine and cardiovascular disease</b>	<b>Prof Anna DOMINICZAK</b>	Glasgow, UK
11:25 - 11:35	Discussion		
11:35 - 11:55	<b>Periodontal therapy in hypertensive patients</b>	<b>Prof Tomasz GUZIK</b>	Glasgow, UK
11:55 - 12:05	Discussion		
12:05 - 12:10	<b>BAS Chair - Concluding remarks</b>	<b>Prof Charalambos ANTONIADES</b>	Oxford, UK
12:10 - 13:00	Lunch   Exhibition   Posters   Networking		
13:00 - 16:00	<b>Single cell-RNA sequencing Symposium</b>		
	<b>Sponsored by 10X Genomics + Miltenyi Biotec</b>		
	Co-chairs: <i>Helle Jorgensen</i> (BAS) + <i>Claudia Monaco</i> (BAS)		
13:00 - 13:03	Introduction		
13:03 - 13:23	<b>Cell Atlas Technologies to Study Vasculature and Inflammation</b>	<b>Prof Sarah TEICHMANN</b>	Cambridge, UK
13:23 - 13:43	Discussion		
13:43 - 14:13	2 oral presentations selected from submitted abstracts		
14:13 - 14:35	Break		
14:35 - 16:00	Workshop led by 10X and Miltenyi Biotec on latest development in single cell analysis, sample prep guide and hands-on data analysis		