

14-18 August 2023 Croucher Summer Course
Arterial Ageing: from Mechanisms to Applications

PROGRAM (Tentative)

Day 1 (August 14, 2023)	
8:30 AM – 9:30 AM	Registration and Opening
10:00 AM – 12:00 PM	SESSION 1: Arterial Ageing Process (Chair: <i>TBC</i>)
10:00 AM – 11:00 AM	IL01 – Stefan Chlopicki (Poland) <i>Age-dependent changes in endothelial function and arterial tone responses</i>
11:00 AM – 12:00 PM	IL02 – David Furman (US) <i>Inflammatory ageing clock (iAge) and cardiovascular ageing</i>
	Lunch Break
2:00 AM – 2:30 PM	OR01 – Junlei Chang (China) <i>BBB aging and neurodegenerative disease</i>
2:30 AM – 3:00 PM	OR02 –
3:00 PM – 3:30 PM	OR03 –
3:30 PM – 4:30 PM	MODERATED POSTER SESSION I (TBC) PS01 – PS02 – PS03 – PS04 – PS05 –
4:30 PM – 6:00 PM	WORKSHOP 1: Jo De Mey (DK) <i>Unravelling healthy versus pathological arterial ageing</i>
Day 2 (August 15, 2023)	
10:00 AM – 12:00 PM	SESSION 2: Microcirculation (Chair: <i>TBC</i>)
10:00 AM – 11:00 AM	IL03 – Kim Dora (UK) <i>Linking structure and function in the human coronary microcirculation; involvement in ischaemia with no obstructive coronary artery disease (INOCA)</i>
11:00 AM – 12:00 PM	IL04 – Michael Hill (US) <i>Local control of microvascular hemodynamics and the mechanisms of microvascular ageing</i>
	Lunch Break
2:00 AM – 2:30 PM	OR04 – Charles Norton (US) <i>Advanced age increases cerebrovascular resilience to acute oxidative stress</i>
2:30 AM – 3:00 PM	OR05 –
3:00 PM – 3:30 PM	OR06 –

3:30 PM – 4:30 PM	MODERATED POSTER SESSION I (TBC) PS06 – PS07 – PS08 – PS09 – PS10 –
4:30 PM – 6:00 PM	WORKSHOP 2: Kim Dora (UK) High spatial and temporal resolution imaging in the microcirculation
Day 3 (August 16, 2023)	
10:00 AM – 12:00 PM	SESSION 3: Cellular Crosstalks & Signaling Pathways (Chair: <i>TBC</i>)
10:00 AM – 11:00 AM	IL05 – Chris Garland (UK) <i>Electrophysiological approaches to investigate endothelial-smooth muscle signalling; changes underlying vasospasm</i>
11:00 AM – 12:00 PM	IL06 – Maik Gollasch (DE) <i>Arterial elementary calcium signaling in ageing</i> Lunch Break
2:00 AM – 2:30 PM	OR07 – Zhuoming Li (China) <i>Heme oxygenase-1 & endothelial senescence: new light on an old story</i>
2:30 AM – 3:00 PM	OR08 –
3:00 PM – 3:30 PM	OR09 –
3:30 PM – 4:30 PM	MODERATED POSTER SESSION I (TBC) PS11 – PS12 – PS13 – PS14 – PS15 –
4:30 PM – 6:00 PM	WORKSHOP 3: Chris Garland (UK) <i>Electrophysiological approaches to investigate arterial signaling</i>
6:00 PM -9:00 PM	Dinner (TBC)
Day 4 (August 17, 2023)	
10:00 AM – 12:00 PM	SESSION 4: Arterial Ageing Diseases (Chair: <i>TBC</i>)
10:00 AM – 11:00 AM	IL03 – Rhian Touyz (CA) <i>Hypertension and cardiovascular ageing: a clinical perspective</i>
11:00 AM – 12:00 PM	IL04 – Xiaolei Xu (US) <i>Zebrafish as a tractable model for cardiovascular ageing</i> Lunch Break
2:00 AM – 2:30 PM	OR10 – Yi Shi (China) <i>TBC</i>
2:30 AM – 3:00 PM	OR11 –
3:00 PM – 3:30 PM	OR12 –

3:30 PM – 4:30 PM	MODERATED POSTER SESSION I (TBC) PS16 – PS17 – PS18 – PS19 – PS20 –
4:30 PM – 6:00 PM	WORKSHOP 4: Xiaolei Xu (US) <i>Drug screening model system</i>
Day 5 (August 18, 2023)	
10:00 AM – 12:00 PM	SESSION 5: Mediators of Arterial Ageing (Chair: <i>TBC</i>)
10:00 AM – 11:00 AM	IL03 – Nick Flavahan (US) <i>Endothelial dilator dysfunction in ageing arteries</i>
11:00 AM – 12:00 PM	IL04 – Jan Danser (NL) <i>Vascular biology of ageing: the good and the bad of renin-angiotensin system</i>
	Lunch Break
2:00 AM – 2:30 PM	OR13 – Zhichao Zhou (SE) <i>Endothelial dysfunction in type 2 diabetes: Role of erythrocytes and duration of the disease</i>
2:30 AM – 3:00 PM	OR14 –
3:00 PM – 3:30 PM	OR15 –
3:30 PM – 4:30 PM	MODERATED POSTER SESSION I (TBC) PS21 – PS22 – PS23 – PS24 – PS25 –
4:30 PM – 6:00 PM	WORKSHOP 5: TBC