



FRIDAY 23 OCTOBER 2020 (all times CET)

14.00 (CET)	<p>Conference Opening Chair: Pierre Boutouyrie and Bernhard Hametner</p>
14.10 (CET)	<p>Young Investigator Oral Session 1 Chair: Pierre Boutouyrie and Bernhard Hametner</p> <p>YI 1.1 Aortic Impedance and Total Arterial Compliance from Regional Pulse Wave Velocities Ms Vasiliki Bikia - École polytechnique fédérale de Lausanne, Switzerland</p> <p>YI 1.2 Ideal cardiovascular health score declines from adolescence to emerging adulthood Dr Chloe Park - University College London, London, United Kingdom</p> <p>YI 1.3 Retinal microvascular calibers and incident depressive symptoms: The Multi-Ethnic Study of Atherosclerosis Ms April Van Gennip - Maastricht University Medical Centre, Netherlands</p> <p>YI 1.4 Increases in Circulating Trimethylamine-N-oxide Contribute to the Development of Age-Related Aortic Stiffness in Humans and Mice Ms Abigail Casso - University Of Colorado Boulder, United States</p> <p>YI 1.5 Ten years of ageing in the middle-aged does not increase input impedance or wave reflection - insights from the Asklepios Study. Mrs Daimé Campos Arias - UGent, Belgium</p> <p>YI 1.6 Flow mediated slowing of pulse wave velocity as a measure of endothelial function Ms Anju Sharma - Aioms New Delhi, Rohtak, India</p> <p>YI 1.7 Transmural quantification of murine vascular smooth muscle cell density distribution from 3D microscopy images Mr Koen Van Der Laan - Maastricht University, Maastricht, Netherlands</p> <p>YI 1.8 A computational model-based study on the effect of abdominal aortic aneurysm on pulse wave morphology Mr Tianqi Wang - King's College London, London, United Kingdom</p>
15.30 (CET)	Break
15.45 (CET)	<p>Debate: Chair: Alun Hughes and Thomas Weber EVA vs. SUPERNOVA Dr Edward G. Lakatta, M.D. Georgetown University School of Medicine, Washington DC. and Professor Stéphane Laurent, Emeritus Professor of Pharmacology, Paris Descartes Medical School</p>
16.15 (CET)	Break
16.20 (CET)	<p>Invited Lecture Chair: Rosa Maria Bruno and Andrea Guala Sympathetic control of arterial stiffness and central hemodynamics Dr Gary Pierce, Associate Professor in the Department of Health and Human Physiology, and Department of Internal Medicine, Division of Nephrology and Hypertension, University of Iowa</p>
16.40 (CET)	Break

16.45 (CET)	Poster Session 1
	Parallel 1 – Models and Methodologies: P.01 – P.10 Chair: Thomas Weber and Bart Spronck
	Parallel 2 – Epidemiology & Brain: P.12 – P.19 Chair: Rajkumar Chakravarthi and Tine Willum Hansen
	Parallel 3 – Vascular Ageing 1: P.20 – P.26 Chair: Stéphane Laurent and Bernhard Hametner
	Parallel 4 – Vascular Biology and Pathophysiology: P.27 – P.36 Chair: Patrick Lacolley and Andrea Guala
17.45 (CET)	Break
17.50 (CET)	ARTERY Annual General Meeting Chair: Pierre Boutouyrie
18.20 (CET)	Networking Session: Introduction Chair: Andrea Guala
18.25 (CET)	Get your drinks break
18.30 (CET)	Networking Session: Shuffle 1
18.40 (CET)	Networking Session: Shuffle 2
18.50 (CET)	Networking Session: Shuffle 3

SATURDAY 24 OCTOBER 2020

08.00 (CET)	Zumba
08.30 (CET)	Break
09.00 (CET)	Saturday Opening Chair: Tine Willum Hansen and Patrick Lacolley
09.05 (CET)	CARTESIAN Update Rosa Maria Bruno
09.10 (CET)	Young Investigator Oral Session 2 Chair: Tine Willum Hansen and Patrick Lacolley
	YI 2.1 Pulse wave velocity estimation from the radial pulse waveform using Gaussian process regression: A machine learning based study Ms Weiwei Jin - King's College London, United Kingdom
	YI 2.2 Spontaneous cardiovascular ageing of C57Bl6 mice results in the development of aortic stiffness prior to peripheral blood pressure alterations. Miss Sofie De Moudt - University Of Antwerp, Belgium
	YI 2.3 Methylglyoxal, 3-deoxyglucosone, and glyoxal – precursors of advanced glycation endproducts – are not independently associated with indices of carotid stiffness: The Maastricht Study MD Myrthe van der Bruggen - CARIM School For Cardiovascular Diseases, Maastricht University, Netherlands
	YI 2.4 Neural baroreflex sensitivity and long-term effect of antihypertensive agents--a pharmacological substudy of the Paris Prospective Study III Dr Catherine Fortier - Inserm-U970, Paris cardiovascular research center, France
	YI 2.5 Direct measurement of stiffness index β of superficial arteries without blood pressure estimation Mr. Rahul Manoj - Indian Institute of Technology Madras, Chennai, India
	YI 2.6 Comparison of cardiovascular disease primary prevention guidelines between Australia, England and the United States. Miss Niamh Chapman - University of Tasmania, Hobart, Australia
10.10 (CET)	Break

10.15 (CET)	<p>The History of the ARTERY Society Professor John Cockcroft, Visiting Professor in the Dept of Advanced Cardiology, Columbia University Medical Centre, New York.</p>
10.30 (CET)	<p>Young Investigator Update and ARTERY 2019 Exchange Grant Presentation Chair: Rajkumar Chakravarthi and Bart Spronck</p> <p>Update on ARTERY Young Investigator Initiatives Dr Bernhard Hametner</p>
10.40 (CET)	<p>Tri-layered constitutive modelling of the arterial wall: Evaluation of a new approach based on uniaxial testing of isolated layers Mr Alessandro Giudici – Brunel University, London, United Kingdom</p>
10.55 (CET)	Break
11.05 (CET)	<p>Young Investigator Network Session: The role of social media in research Chair: Thomas Weber and Dimitrios Terentes-Printzios</p> <p>Communication strategy and how to best generate content to mainstream audiences and policymakers Karima Ben Salah, Senior Communications, European Cooperation in Science and Technology, Belgium</p>
11.20 (CET)	<p>How young investigators can circulate and advertise their work through social media and other networks increasing the impact on their work? Sophia Sheridan Digital Communications Officer, European Cooperation in Science and Technology, Belgium</p>
11.35 (CET)	Break
11.40 (CET)	<p>Poster Session 2</p> <p>Parallel 5 – Vascular Ageing 2: P.37 – P.43 Chair: Christopher Mayer and Dimitrios Terentes-Printzios</p> <p>Parallel 6 – Imaging Technologies: P.44 – P.50 Chair: Patrick Segers and Rosa Maria Bruno</p> <p>Parallel 7 – Hypertension: P.53 – P.59 Chair: Alun Hughes and Bart Spronck</p> <p>Parallel 8 – Other: P.60 – P.68 Chair: Véronique Regnault and Johannes Baulmann</p>
12.40 (CET)	Break
12.45 (CET)	<p>Invited Lecture: Chair: Véronique Regnault and Rachel Climie</p> <p>Reappraising the role of inflammation in arterial stiffness Professor Esther Lutgens, Professor of Vascular Immunopathology, Amsterdam University Medical Centre</p>
13.05 (CET)	<p>Awards Ceremony and Closing Remarks Chair: Pierre Boutouyrie and Patrick Lacolley</p>
13.15 (CET)	Virtual Conference Ends