

ARTERY 21 Conference Programme

PLEASE NOTE THAT ALL TIMES ARE CET

Times in CET	THURSDAY 21 OCTOBER 2021
15.30-16.00	Virtual Poster Viewing
16.00	Welcome Address Professor Pierre Boutouyrie, Artery President
16.15-17.25	Oral Session 1 Co-Chairs: Professor Alun Hughes, Dr Bart Spronck, Dr Bernhard Hametner
1.1	Central pulse pressure in adolescence is more strongly associated with future cardiovascular health than peripheral pulse pressure Dr Chloe Park , UCL
1.2	New carotid stiffness population centiles in the young and association with measures of general and abdominal obesity Mrs Julia Büschges , Robert Koch-institute
1.3	Does sex and calibration influence cardiovascular risk prediction from central systolic blood pressure? Florence Lamarche , Hôpital de Sacré-Cœur de Montréal
	Discussion
1.4	Ethnic variations in body composition may help to explain differences in arterial stiffness: a UK cross-sectional study in hypertension Dr Luca Faconti , King's College London
1.5	Central-to-peripheral pulse amplification and stiffness gradient determine diastolic wave: Mediation by triphasic flow fluctuation Professor Junichiro Hashimoto , Miyagi University of Education Medical Center
1.6	Differences in systolic-diastolic distensibility indicate carotid wall viscosity in healthy controls, patients with hypertension and type 2 diabetes Dr Alessandro Giudici , Maastricht University
1.7	Acute effect of heat-not-burn versus standard cigarette smoking on arterial stiffness and wave reflections in young smokers Mrs Eleni Emmanouil
	Discussion
17.25-17.45	Invited Lecture: <i>Genetics, molecular mechanisms of rare vascular diseases, relations to arterial function</i> Professor Xavier Jeunemaitre , Hôpital Européen Georges Pompidou, Paris Co-Chairs: Professor Pierre Boutouyrie and Professor Thomas Weber
17.45	Interactive virtual poster viewing

Times in CET	FRIDAY 22 OCTOBER 2021
08.30-09.00	Virtual poster viewing
09.00-09.50	<p>Oral Session 2 Co-Chairs : Dr Chloe Park, Dr Dimitrios Terentes-Printzios, Professor Pierre Boutouyrie</p> <p>2.1 Prediction of long-term outcomes by arterial stiffness and pressure wave reflections in patients with acute stroke: the Athens Stroke Registry Mrs Stamatia Samara, Laiko General Hospital</p> <p>2.2 Respective roles of hemodynamic conditions and inflammatory status in the degradation of endothelial glycocalyx in adults. Dr Jeremy Lagrange, INSERM</p> <p>2.3 Apha1A-adrenoceptor-induced increased calcium influx and prostanoids unbalance promote carotid artery dysfunction in senescence-accelerated (SAMP8) female mice Dr Tiago Costa, University of Sao Paulo</p> <p>2.4 Vascular Ageing Glossary: unifying language for knowledge diffusion Dr Elisabetta Bianchini, Institute of Clinical Physiology, CNR</p> <p>2.5 Acute and long-term effects of aortic banding on central hemodynamics Professor Nikolaos Stergiopoulos</p>
09.50-10.20	Break and Interactive virtual poster viewing
10.20-12.00	<p>Young Investigator Awards Co-Chairs: Dr Bart Spronck, Dr Bernhard Hametner, Professor Thomas Weber</p> <p>3.1 The aortic-femoral arterial stiffness gradient is blood pressure independent in older adults: an atherosclerosis risk in communities (ARIC) study Miss Jillian Poles, University of North Carolina at Chapel Hill</p> <p>3.2 Arterial stiffness is associated with impaired orthostatic diastolic blood pressure reaction and increased central blood pressure: A prospective population-based study Dr Madeleine Johansson, Lund University</p> <p>3.3 The effect of mRNA vaccine against COVID-19 on endothelial function and arterial stiffness Dr Dimitrios Terentes-Printzios, First Department of Cardiology, Hippokraton Hospital, Athens</p> <p>Medical</p> <p>Discussion</p> <p>3.4 Early vascular ageing in patients with hypoparathyroidism Dr Saverio Fabbri, University of Paris</p> <p>3.5 Associations of lower limb atherosclerosis and arteriosclerosis with cardiovascular risk factors and disease in older adults: the ARIC study Mrs Patricia Pagan Lassalle, The University of North Carolina at Chapel Hill</p> <p>3.6 Developing a questionnaire on the knowledge and perceptions of people working with vascular ageing Ms Stavria Artemis, Cyprus University of Technology</p> <p>Discussion</p> <p>3.7 The VaSera heart-to-ankle pulse wave velocity is a nearly diastolic wave speed metric Mr Alessandro Giudici, Maastricht University</p> <p>3.8 Antithrombotic therapy in secondary and tertiary prevention for peripheral arterial disease: a network meta-analysis. Ms Loes Willems, Radboudumc</p> <p>3.9 Superior effect of community-based high-intensity interval exercise for reducing blood pressure and arterial stiffness in low-income older women Mrs Vanessa Amaral, Unesp</p> <p>3.10 Evaluation of hemodynamic and vascular responses after a continuous exercise session of moderate intensity and high intensity intervals in individuals with normal and high normal blood pressure. Miss Sara Rodrigues, Incor-fm-usp</p>
12.00-12.45	ARTERY Annual Business Meeting
12.45-13.45	Lunch and Virtual poster viewing
13.45-15.15	<p>Symposium: COVID and arterial ageing Co-Chairs: Professor Pierre Boutouyrie, Professor Thomas Weber, Professor Alun Hughes</p> <p>4.1 SARS-CoV-2, ACE2 and endothelial signalling –implications in vascular inflammation Professor Rhian Touyz, McGill University, Canada</p>

	4.2	COVID19 vaccination-induced thrombosis Professor Dr Sabine Eichinger
	4.3	Endothelial dysfunction, thrombosis and vascular properties Dr Véronique Regnault, INSERM
	4.4	Long-term cardiovascular consequences of COVID-19: the CARTESIAN study Dr Rosa Maria Bruno, INSERM
15.15-15.45	Break and Interactive virtual poster viewing	
15.45-16.45	YI Network Session Co-Chairs: Dr Bernhard Hametner, Dr Dimitrios Terentes-Printzios Young Investigator representative	
	5.1	COST Action VascAgeNet Dr Elisabetta Bianchini, Institute of Clinical Physiology, CNR
	5.2	Dr Noemi Kiss, Österreichischen Gesundheitskasse
	5.3	COST Action VascAgeNet Dr Andrie Panayiotou, Cyprus University of Technology
	5.4	Dr Richard Varadappa, Academy of Oral Implantology
16.45-17.15	YI Network Business meeting Chair: Dr Bernhard Hametner	
17.15-17.30	Comfort Break	
17.30-19.00	Late Breaking News Co-Chairs: Professor Kennedy Cruickshank and Professor Luc van Bortel	
	6.1	A new individual patient-data based meta-analysis on the predictive value of cfPWV Ms Holly Pavey, Cambridge
	6.2	The predictive value of cfPWV - all publication bias? Professor Ian Wilkinson, Cambridge
	6.3	SPARTE Study Results Professor Stéphane Laurent
	6.4	Perspective for clinical routine & upcoming guidelines Professor Thomas Kahan, Karolinska Institutet
	6.5	ARTERY Society recommendations for the use of pulse wave velocity in clinical routine Professor Athanase Protogerou, Professor Charalambos Vlachopoulos, Professor Thomas Weber
		Discussion
19.00	Close	
20.00	Conference Dinner	

Times in CET	SATURDAY 23 OCTOBER 2021
08.30-09.00	Virtual Poster Viewing
09.00-10.00	Debate: Is pulsatility essential for life? CON: Dr William Cornwell , CU Anschutz PRO: Dr Barry McDonnell Moderator: Professor Christian Latrémouille , Hôpital Européen Georges-Pompidou, Paris
10.00-11.00	Oral Session 3 Co-Chairs: Professor Chakravarthi Rajkumar, Dr Tine Hansen, Dr Bart Spronck
	7.1 Pulse Wave Velocity for 24-hour Ambulatory Blood Pressure Monitoring Fabian Beutel MSc , imec
	7.2 Intra-Operative Video-Based Measurement of Biaxial Strains of the Ascending Thoracic Aorta Shaiv Parikh Msc , Maastricht University
	7.3 On the estimation of arterial compliance from carotid pressure waveform Ms Vasiliki Bikia , École Polytechnique Fédérale De Lausanne
	Discussion
	7.4 Assessing radiotherapy-induced carotid vasculopathy using ultrasound after unilateral irradiation Ms Judith Pruijssen , Radboud University Medical Center
	7.5 Sublingual nitroglycerine ingestion is associated with an increase rather than decrease in brachial-artery retrograde blood flow in healthy human subjects Dr Smriti Badhwar , All India Institute Of Medical Sciences, New Delhi
	Discussion
11.00-11.30	Break and Virtual poster viewing
11:30-12.00	McDonald Lecture Dr Carmel McEniery , Churchill College, Cambridge. Co-Chairs: Professor Pierre Boutouyrie and Professor Thomas Weber
12:0-12.20	Lifetime Achievement Award Dr Gary Mitchell , Cardiovascular Engineering, Inc. Co-Chairs: Professor Pierre Boutouyrie and Professor Thomas Weber
12:20-12.40	Young Investigator Awards, Poster Awards, Oral awards and Research Exchange Grants Professor Pierre Boutouyrie and Professor Thomas Weber Dr Alessandro Giudici and Dr Bernhard Hametner
12:40-13.00	Artery 2022 Professor Patrick Lacolley , INSERM Concluding remarks Professor Pierre Boutouyrie, Professor Thomas Weber
13.00	Lunch