



ARTERY 22

19-22 October 2022  
Centre de Congrès Prouvé  
Nancy, France  
www.arterysociety.org



Association for Research into  
Arterial Structure and Physiology

## WEDNESDAY 19 OCTOBER 2022

	<b>Registration</b>
16.00 - 18.00	Master classes
	The management of patients with heart failure: the present and the future, Faiez Zannad
	Discovery and translationnel science in atherosclerosis , Jean-Baptiste Michel
	Methodological approaches of arterial stiffness in humans, Rosa-Maria Bruno
16.00	Executive Committee Meeting
17.00	Scientific Council meeting
18.00	Resolution of vascular inflammation, resolvin pathways, Magnus Bäck
<b>18.30</b>	<b>Break &amp; exhibition viewing</b>
18.45	Editorial Board Meeting Artery Research

## THURSDAY 20 OCTOBER 2022

<b>08.00</b>	<b>Registration</b>
08.30	COST Action VascAgeNet
09.30	Special session: Position paper : PWV in clinical practice
	Athanasios Protogerou / Charalambos Vlachopoulos / Thomas Weber
<b>10.30</b>	<b>Break &amp; exhibition viewing</b>
<b>11.00</b>	<b>Welcome address</b>
11.15	Novel molecular pathways for discovering stiffness-targeted drugs, Pierre Boutouyrie
11.45	Oral Session I (Young investigator award 1)
12.45	Role of perivascular adipose tissue on arterial function and structure, Marisol Fernandez-Alfonso
<b>13.15</b>	<b>Lunch</b>
<b>13.45</b>	<b>Facilitated poster and exhibition viewing</b>
14.30	Relationships between components of blood pressure and cardiovascular events in patients with chronic coronary syndromes and Hypertension: does arterial stiffness explain the J-curve? Emmanuelle Vidal Petiot
15.00	Career Development Lectures (three lectures)
<b>16.00</b>	<b>Refreshments, poster and exhibition viewing</b>
16.00	ARTERY Young Investigator business meeting



16.30	Joint Session with LATAM Artery, North American Artery, Pulse of Asia, Alexandre Vallee
17.00	Artificial intelligence and vascular hemodynamics
	Coronary artery disease diagnosis by artificial neural networks, Alexandre Vallee
	Machine learning for assessment of vascular ageing, Vasiliki Bikia
	Estimating PWV from the radial waveform using AI & Machine learning, Phil Chowieńczyk
17.30	Sex-specific differences in the outcomes of abdominal aortic aneurysms, Janet Powell
18.00	Moderated poster session i and welcome networking reception - science and wine
20.00	ARTERY Young investigator networking evening

## FRIDAY 21 OCTOBER 2022

07.00	ARTERY22 Run
<b>08.00</b>	<b>Refreshments, poster and exhibition viewing</b>
09.00	Oral session II (joint ECCR/ARTERY)
10.00	Moderated poster session 2
<b>10.45</b>	<b>Refreshments, poster and exhibition viewing</b>
11.15	Lecture in memory Nico Westerhof  Modeling of the arterial circulation: A primer for non-bioengineers, Patrick Segers
11.45	Oral session III (Young investigator award 2)
<b>12.45</b>	<b>Lunch &amp; exhibition viewing</b>
13.15	Young Investigator Session
14.15	Symposium  Targeting cytokines and immune checkpoints in cancer patients, Hafid Ait-Oufella  Cardiac metabolism in cancer survivals, Kerstin N. Timm, Anurag Choksey  Cancer and atherothrombosis? Arterial Thrombosis in Cancer Patients?, Jochanan E Naschitz, Antonella Tufano
<b>15.45</b>	<b>Refreshments, poster and exhibition viewing</b>
15.45	Oral session IV
<b>16.15</b>	<b>Refreshments, poster and exhibition viewing</b>
16.45	Focus update: The gut-stiffness axis  Clinical overview of Crohn disease - new concepts-new immuno-treatments, Laurent Peyrin Biroulet



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	Gut mucosal alteration/inflammation/thrombosis in inflammatory bowel disease
	Vascular alterations in inflammatory bowel diseases, Veronique Regnault
17.15	Neutrophil extracellular traps and thrombosis, Kimberley Martinod
17.45	ARTERY Annual Business Meeting
<b>19.00</b>	<b>Break</b>
20.00	ARTERY Conference Dinner with award ceremony

## SATURDAY 22 OCTOBER 2022

<b>08.30</b>	<b>Refreshments, poster and exhibition viewing</b>
09.00	Update: Cuffless BP monitoring: ready for prime time ?
	Validation of an optical bracelet, Gregoire Wuerzner
	The bioengineer's view, Alberto Avolio
	The validation process, George Stergiou
	Discussion
10.15	Focus update: Young investigators
	Telomeres : Basic and clinical point of view, Telomeres : Basic and clinical point of view, Simon Toupance
	The ageing aorta: Endothelium dysfunction, The ageing aorta: Endothelium dysfunction, Sofie De Moudt
	Cardiorenal syndrome, Cardiorenal syndrome, Natalia Lopez-Andres
<b>10.45</b>	<b>Refreshments, poster and exhibition viewing</b>
11.15	Oral session V
12.15	McDonald Lecture, Peter Nilsson
12.45	Lifetime Achievement Award, Alberto Avolio
<b>13.05</b>	<b>Concluding remarks and close of conference</b>
<b>13.25</b>	<b>Light lunch</b>
<b>14.15</b>	<b>End of Conference</b>