

ECCR 2022 meeting – Sep 30th to Oct 2nd, 2022

Friday 30th September

14:00: **Opening**

14:10 – 15:30h: **Session 1: New insights into vascular pathophysiology**

Moderators: Carmine Savoia, Muscha Steckelings

- **Alexandre Persu (Belgium)** - Urine proteome biomarkers in fibromuscular displasia
- **Claudia Agabiti-Rosei (Italy)** - New non-invasive methods to evaluate microvascular structure and function
- **Cristina Rodríguez (Spain)** - Novel pharmacological approaches in abdominal aortic aneurysm: Insights from NR4A3 transgenic mice
- **Christian Aalkjaer (Denmark)** - Vascular and cardiac consequences of mutations in the Na,K-ATPase

15:30 – 16:30h: **Session 2: Business meets academia**

Moderators: Marko Poglitsch, Koen Reesink

- **"Climate Change" Workshop**

16:30 – 17:00h: **Break**

17:00 – 17:30h: **Keynote lecture**

Moderators: Marisol Fernández-Alfonso, Ana Briones

- **Tomasz J. Guzik (UK)**. Immune system and microvascular remodeling in humans

17:30 – 17:45h: **Break**

17:45 – 19:05h **Session 3: New targets in cardiovascular disease**

Moderators: M^a Christina Zennaro, Matthias Barton

- **Enno Klussman (Germany)** - Phosphodiesterase 3A and arterial hypertension
- **Michael Bader (Germany)** - Central angiotensin in cardiovascular regulation and beyond
- **Teresa Seccia (Italy)** - Peptidergic G protein–coupled receptor regulation of adrenal function: bench to bedside and back
- **Oral Communication - Igor Silva (Denmark)** - Proof of biological activity and exploration of early signaling events of angiotensin-(1-5)
- **Oral Communication - Abraham Merino López (Spain)** - Role of ISG15 in cardiac damage mediated by angiotensin II-induced hypertension

19:30h **Dinner**

Saturday, 1st October

9:00 – 10:10h: **Session 4: MINDSHIFT session**

Moderators: Koen Reesink and Thomas Unger

- **Kai Wang (Netherlands)** - Metabolic drivers of hypertension: focus on the microcirculation
- **May Fayad (France)** - Genetics and genomics of primary aldosteronism
- **Clement Byiringiro (Italy)** - Optimized strategies for the screening and subtyping of the endocrine forms of hypertension
- **Rita Chamoun (Netherlands)** - Development of a multi-scale integrative framework for subtyping hypertension

10:10 – 11:20h: **Session 5: Covid-19 and cardiovascular complications**

Moderators: Michael Bader, Teresa Seccia

- **Francisco Rios (Canada)** - Vascular dysfunction mediated by inflammatory response associated with SARS-CoV-2 infection
- **Augusto Montezano (Canada)** - A new role for ACE2 in SARS-CoV-2-induced endothelitis.
- **Betty Raman (UK)** - Current imaging recommendations in long COVID
- **Oral Communication – Francesca Salvotti (Italy)** - Treatment with ACE-inhibitors and angiotensin receptor blockers (ARBs) has no impact on outcome nor on long term consequences in COVID-19 patients with moderate to severe pneumonia

11:20 – 11:50h: **Break**

11:50 – 12:50h: **Session 6: Artery-ECCR joint session**

Moderators: Carmine Savoia, Thomas Unger

- **Pedro Miguel Guimarães Marques Cunha (Portugal)** - Dementia and cognitive decline - A cross talk between micro and macrocirculation
- **Veronique Regnault (France)** -The links between immuno-inflammation and hemostasis in acute and chronic vascular diseases
- **Patrick Lacolley (France)** - Molecular aspects of vascular aging and senescence

13:00 – 14:00h: **Lunch**

14:00 – 15:00h: **Session 7: Oral Communications**

Moderators: Marta Gil-Ortega, Augusto Montezano

- **Nicolo Faedda (France)** - Vascular and hormonal interactions in primary aldosteronism
- **Jithin Kuriakose (Scotland)** - Promoting Mas1R:ETBR interaction improves vascular function and lowers blood pressure in experimental hypertension
- **Berna Guven (Turkey)** - Metabolic effects of carvedilol on control and HFpEF mouse heart and hypertrophied H9c2 Cells: the potential contribution of a biased agonist effect
- **Marta Sanz-Gómez (Spain)**- Aged Munich Wistar Frömter rat as a model of cardiorenal syndrome: from chronic kidney disease to cardiovascular impairment
- **Véronique Regnault (France)** - Differential involvement of smooth muscle cells in pro- and antithrombotic activities of abdominal versus ascending aorta aneurysms in human

Sunday, 2nd October

8:45 – 10:00h: **Poster session**

Moderators: Martina Cebova, Francisco Ríos, Marta Gil-Ortega, Maria Christina Zennaro, Giacomo Rossito, Ana Briones

10:00 – 11:20h: **Session 10: ISH Women in Hypertension Research-ECCR joint session**

Moderators: Muscha Steckelings, Christian Delles

- **Paul Connelly (UK)** - Emerging evidence on cardiovascular disease in transgender people
- **Pensee Wu (UK)** - Pregnancy complications and future maternal cardiovascular health
- **Carmen Diniz (Portugal)** - Interplay between sympathetic nervous system and GPCRs in fetal programming of hypertension
- **Matthias Barton (Switzerland)** - Sex-specific treatment of cardiovascular diseases

11:20 – 11:45h: **Break**

11:45 – 13:00h: **Session 11: Mentorship Open Forum: A Career Road Map**

Moderators: Augusto Montezano, Ana Briones

- **Michael Mulvany** - The ORPHEUS framework for PhD training.
- **Round table** ““A Career Roadmap””. Tomasz Guzik, Michael Bader, Muscha Steckelings, Christian Aalkjaer, Michael Mulvany, Francisco Ríos, Marta Gil-Ortega, Giacomo Rossito

13:00 – 13:15h: **Awards and close of meeting**

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