

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:

- **Alexandre Persu (Belgium)** - Urine proteome biomarkers in fibromuscular dysplasia.
- **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

- **TBD**

16:30 – 17:00h: **Break**

17:00 – 17:30h: **Keynote lecture:**

Moderators:

- **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:

- **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 – 11:30h: **Session 5: Covid-19 and cardiovascular complications**

Moderators:

- **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 - Gianluca E.M. Boari (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.

11:30 – 12:00h: **Break**

12:00 – 13:00h: **Session 6: Artery-ECCR joint session**

Moderators: Carmine Savoia

- **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: ECRs

- **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
- **Jeremy Lagrange (France)** - Differential involvement of smooth muscle cells in pro- and antithrombotic activities of abdominal versus ascending aorta aneurysms in human
- **Joakim A. Bastrup (Denmark)** - Identification of novel ECM proteins associated with early-onset hypertension by deep proteomic mapping of different arterial beds

15:00 – 16:00h **Session 8: Early Career Research session**

Moderators: ECRs

- **Rhian Touyz (Canada)** - How to write a review
- **Katriona Brooksbank (UK)**. As a scientist, how can we best engage with the public?
- **Gabriele Schiattarella (Germany)** – Mechanisms of Heart Failure with Preserved Ejection Fraction (HFpEF): LESSONS from Mice to Humans

16:00 – 16:30h: **Break**

16:30 – 17:50 h: **Session 9: Clinical session**

Moderators:

- **Thomas Unger (Germany)** – Hypertension guidelines
- **Christian Delles (UK)** – Renal artery stenosis and high blood pressure
- **Carsten Tschöpe (Germany)** - HFpEF and Hypertension: New insights
- **Oral Communication - Elvira Fanelli (Belgium)** - Short-Term Blood Pressure Variability In Young And Old Hypertensive Patients, Compared With Patients With Autonomic Neuropathy
- **Oral Communication - Domenico Bagordo (Italy)** - REal Sympathetic DEnervation and Neuro-hormonal evaluation by selective venous Catheterization: the RESIDENCY study

17:30 - 18:00h: **Presidential lecture**
Moderators:
18:00 - 19:00h: **ECCR business meeting**
19:30 h **Dinner**
20:30 h **Social activity (Augusto Montezano)**

Sunday, 2nd October

8:45 – 10:00h: **Poster session**

Moderators:

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

Moderators: Muscha Steckelings and Mathias Barton

- **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 GPCR 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, Augusto Montezano, Ana Briones, Christian Aalkjaer, Michael Mulvany

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