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 Stekelings

- 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: Mª 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 Salvetti (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 Frömeter 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
• **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:** Giacomo Rossitto, Francisco Rios

- **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 (HFrEF): lessons from mice to humans

16:00 – 16:30h: **Break**

16:30 – 17:50h:  **Session 9: Clinical session**
**Moderators:** Matthias Barton, Carmine Savoia

- **Thomas Unger (Germany)** – Hypertension guidelines
- **Christian Delles (UK)** – Renal artery stenosis and high blood pressure
- **Carsten Tschöpe (Germany)** - HFrEF 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)** - REnal Sympathetic DEnervation and Neuro-hormonal evaluation by selective venous Catheterization: the RESIDENCY study

17:50 - 18:20h:  **Presidential lecture**
**Moderators:** Muscha Steckelings, Thomas Unger

- **Marisol Fernández-Alfonso (Spain).** What else can we do in the management of hypertension and cardiovascular risk?

18:20 - 19:00h:  **ECCR business meeting**

19:30  **Dinner and social activity**
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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