



Academy Symposium

Focus on hypertension, the number one killer worldwide

Date: 24 March 2017, 10.15 a.m. – 3.30 p.m.

Venue: La Bonbonnière, Achter de Comedie 1, 6211 GZ Maastricht

More information: knaw.nl/hypertension or www.carimmaastricht.nl/academy-symposium

Awareness and control of hypertension are among the greatest medical challenges of our time, with an enormous therapeutic potential.

This symposium will bring together European experts to address various aspects of hypertension research. It aims to further our understanding of the epidemiological importance of high blood pressure as the global number one cause of death, its underlying pathologies, hypertension-induced end-organ damage (with sudden events like stroke and chronic diseases such as heart and kidney failure), and modern therapeutic approaches based on antihypertensive drugs and non-pharmaceutical procedures such as baroreceptor stimulation or renal nerve ablation.

Programme

- | | |
|------------|--|
| 10.15 a.m. | Welcome by Rob Reneman, Professor Emeritus of Physiology, Maastricht University, on behalf of the Royal Netherlands Academy of Arts and Sciences and the Cardiovascular Research Institute Maastricht |
| 10.30 a.m. | 10.30-11.00: Christian Delles, Professor of Cardiovascular Prevention, University of Glasgow – <i>Vascular biology and translational research in hypertension</i> |
| 11.00 a.m. | Ana Briones, Associate Professor of Pharmacology, Universidad Autónoma de Madrid – <i>Prostanoids and oxidative stress as mediators of alterations in vascular function, structure and mechanical properties in hypertension</i> |
| 11.30 a.m. | Coffee break |
| noon | Bram Kroon, Professor of Vascular Medicine, Maastricht University – <i>Resistant Hypertension and device-based treatment</i> |
| 12.30 p.m. | Lunch |
| 1.30 p.m. | Gian Paolo Rossi, Professor of Internal Medicine and Chief of the Molecular Hypertension Lab, University Hospital Padova – <i>Insights into the molecular mechanisms of endocrine hypertension</i> |
| 2.00 p.m. | Maria-Christina Zennaro, Research Director, INSERM U970 Genetic mechanisms of aldosterone-related disorders, Paris – <i>ENSAT-HT: Omics-based strategies for improved diagnosis and treatment of endocrine hypertension</i> |
| 2.30 p.m. | Brian Harvey, Professor of Molecular Medicine, Royal College of Surgeons in Ireland, Dublin – <i>Novel concepts of Aldosterone-MR and Protein Kinase D signalling in the kidney to regulate salt absorption</i> |



3.00 p.m. Round-up and discussion by Thomas Unger, Professor of Pharmacology and Experimental Medicine and Scientific Director of CARIM, Maastricht University

4.30 p.m. Professor Thomas Unger's valedictory lecture – Location: Maastricht University Aula, Minderbroedersberg 4-6

Moderator

The symposium will be hosted and moderated by Professor Rob Reneman, Professor Thomas Unger and Professor Harry Struijker Boudier.