

#### PREVIOUS ROBERT RENEMAN LECTURERS:

1993 M. Verstraete, Leuven, Belgium	2008 B. Furie, Boston, USA
1994 J. Sixma, Utrecht, NL	2009 K. Walsh, Boston, USA
1995 P. Vanhoutte, Courbevoie, France	2010 J. Lusa, Los Angeles, USA
1996 W. Schaper, Bad Neuheim, Germany	2011 W. Ouwehand, Cambridge, UK
1997 P. Davies, Philadelphia, USA	2012 D. Kass, Baltimore, USA
1998 M. Pfeffer, Boston, USA	2013 J. Yudkin, London, UK
1999 Y. Nemerson, New York, USA	2014 P. Reitsma, Leiden, NL
2000 V. Fuster, New York, USA	2015 S. Hatem, Paris, France
2001 M. Schneider, Houston, USA	2016 S. Laurent, Paris, France
2002 F. Rosendaal, Leiden, NL	2017 J. Griffin, San Diego, USA
2003 A. Zeiher, Frankfurt, Germany	2018 M. Giacca, Trieste, Italy
2004 P. Poole-Wilson, London, UK	2019 V. Ramachandran, Boston, USA
2005 D. Wagner, Boston, USA	2020 H. Büller, Amsterdam, NL
2006 S. Wickline, St. Louis, USA	2021 B. Casadei, Oxford, UK
2007 J. Molkentin, Cincinnati, USA	



**School for  
Cardiovascular  
Diseases**



**Maastricht UMC+**



**Maastricht University**



## CARIM Annual Scientific Symposium

CARIM's 2022 Scientific Symposium will be held on Wednesday 16 November 2022. During the morning programme, our recent laureates will present their objectives, followed by a lecture from the winner of the Health Foundation Limburg Harry Crijns Research Grant. A substantial part of the programme will be dedicated to our poster session, in which scientists of CARIM will present and discuss their recent research findings. In the afternoon in our iPSC session, Prof. Marie-José Goumans will give the lecture 'Stem cells from basic research towards clinical application'. Marie-José Goumans is professor at the Department of Molecular Cell Biology at the Leiden UMC. The lab of Prof. Goumans studies how TGF $\beta$  is involved in proper development of the heart and vasculature, as well as how deregulation of the TGF $\beta$  pathway causes congenital heart disease, vascular malformation and cardiac fibrosis. Furthermore, the group is studying cardiac progenitor cells and epicardial derived cells during development and disease and as a potential source for heart regeneration.

This year's traditional Robert Reneman lecture, in honour of the Institute's founding Director, will be given by Prof. Peter Stenvinkel. He serves as a professor and senior lecturer at Department of Renal Medicine of Karolinska University Hospital, Karolinska Institutet, Stockholm, Sweden. He has published >620 original publications and reviews and >30 book chapters on various aspects of inflammation, wasting and metabolism in chronic kidney disease patients. In addition, Peter is the world expert on biomimetics, providing lessons from nature for contemporary ways to improve human health. His Hirsch index is 94 according to WoS and 119 according to Google Scholar. He has given more than 400 invited lectures at various international meetings and congresses in about 30 different countries.

We take great pleasure in inviting you to the CARIM Symposium 2022. We kindly request you to register, also for the evening celebration, via the CARIM website: [www.carimmaastricht.nl](http://www.carimmaastricht.nl)

Prof. Tilman Hackeng, Scientific Director  
CARIM School for Cardiovascular Diseases

## CARIM SYMPOSIUM 2022

**Wednesday 16 November, location Minderbroedersberg 4-6**

09.00 - 09.30 Coffee and welcome  
09.30 - 10.00 Opening by Tilman Hackeng

**SESSION 1 Laureates NWO and Dutch Heart Foundation** - Miranda Nabben (Moderator)  
10.00 - 10.20 Philippe Vangrieken - 'Methylglyoxal as a mediator of insulin resistance: novel mechanism and unique target'  
10.20 - 10.40 Martijn Hoes - 'Unravelling the pathogenesis of peripartum cardiomyopathy'  
10.40 - 11.10 Break  
11.10 - 11.30 Job Verdonschot - 'It's all in the family! A dedicated care pathway to improve the early recognition of relatives at risk for the development of dilated cardiomyopathy'  
11.30 - 11.50 Magdolna Nagy - 'Elucidating the mechanisms and impact of contact activation in acute ischemic stroke'  
11.50 - 12.10 Jordi Heijman - 'Back to the future: Time traveling to treat heart rhythm disorders'  
12.10 - 12.30 Presentation winner Harry Crijns Research Grant - Harry Crijns (Moderator) (sponsored by Bayer, Amgen & Sanofi)

**12.30 - 14.00 Poster session and lunch**

**SESSION 2 ReGEN | iPSC** - Judith Sluimer (Moderator)  
14.00 - 15.00 Marie-José Goumans - 'Stem cells from basic research towards clinical application'  
15.00 - 15.20 Leon Schurgers - 'Cardiovascular regenerative medicine: Stem cells to bridge clinical and basic research at HVC-CARIM'  
15.20 - 15.40 Cengiz Akbulut - 'SCRUM: Rules of engagement'  
15.40 - 16.00 Tom Mastenbroek - 'Automated scalable tissue production: ReGEN Biomedical'  
16.00 - 16.30 Break

**SESSION 3 Robert Reneman Lecture - Leon Schurgers (Moderator)**  
**16.30 - 17.30 Peter Stenvinkel - 'Learning from nature to make everyone healthier - a concept of planetary health'**  
17.30 - 18.00 CARIM awards & prizes, CARIM Priori and wrap-up

18.00 Evening celebration: Thiessen Wijnkoopers, Grote Gracht 18 Maastricht