

CURRICULUM VITAE

Stephane HEYMANS

Title: MD, PhD

Gender: male

Place and Date of Birth: Brussels, Belgium, November 14th, 1970

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EDUCATION/TRAINING

- 2000 PhD; Doctor in Medical Sciences, Fellow of Belgian Research Foundation, Title: "Role of Proteinases after Acute Myocardial Infarction", Promoters: Carmeliet P., Collen D., KU Leuven, Belgium
- 1995 Doctor in Medicine (MD), KU Leuven, Belgium (Great Distinction, 84 %)
- 1988 St-Jan Berchmans College. Latin/Mathematics.

CLINICAL SPECIALITY

Cardiology	2003
Heart Failure, Cardiomyopathies	2007
Professor of Cardiomyopathies	2010

SCIENTIFIC RESEARCH AND POSITIONS

- 1994-1995 Experimental work: Adenoviral gene transfer, CTG, Leuven, Carmeliet P.
- 1996-2000 PhD student; Aspirant "National Fund for Scientific Research of Belgium"
- 1996-2003 Trainee in Cardiology, Department of Cardiology, University Hospital of Leuven.
- 2003-2006 Dr Dekker Fellowship for Basic Cardiovascular Research as Staff Member, The Netherlands Heart Foundation
- 2003- Guest Senior Investigator and Lecturer, Vesalius Institute, VIB, KU Leuven, Belgium
- 2003- Academic Medical Specialist, Cardiology, University Hospital of Maastricht, Netherlands
- 2003- Investigator at Maastricht University, CARIM, Netherlands
- 2008- Director of the Centre for Heart Failure Research (including 16 laboratory members in 2011) Maastricht University
- 2008- Ass. Professor, Faculty of Health, Medicine and Life Sciences, University of Maastricht, Netherlands
- 2010- Professor in Cardiomyopathies, Heart Failure, University of Maastricht and the Interuniversity Cardiology Institute Netherlands (ICIN)
- 2011- Professor of Matrix Biology in Cardiovascular Pathology, Department of Cardiovascular Science, KU Leuven, Belgium

PROFESSIONAL EXPERIENCES

Memberships

- 2003 Member of the American Heart Association, European Society of Cardiology, European Society of Heart Failure, European Council on Cardiovascular Research
- 2007 Nucleus member of the Committee of Diastolic Heart Failure, European Heart Failure Association
- 2008 Nucleus member of the Committee on Translational Research of the European Society of Heart Failure, European Heart Failure Association
- 2010 Nucleus member of the Working Group on Myocardial Function within the European Society of Cardiology
- 2012 Board member of the European Heart Failure Association (HFA of the ESC)
- 2014 Coordinator of the Committee of Translation Research of the HFA of the ESC

Honors and awards

Young Investigator Awards of the American Heart Association, 1998, International Society of Thrombosis and Haemostasis, 2001; International Society of Hypertension 2002; European Society of Hypertension 2003, European Association of Heart Failure 2004; European Council of Cardiovascular

Research, 2005; European Association of Heart Failure, 2006; VIDI Award of the Dutch Research Institute, Netherlands, 2009; Leon Dumont European Cardiovascular Research Award, 2013; Outstanding Achievement Award of the ESC, 2015.

Other Experience and Professional Memberships

- 2003 - Reviewer of different Journals, including Circulation, American Journal of Pathology, Circulation Research, Hypertension, European Heart Journal, Cardiovascular Research,
- 2003 - Member of the American Heart Association, European Society of Cardiology, European Society of Heart Failure, European Council on Cardiovascular Research
- S.H. has been an invited speaker at numerous international congresses and meetings (36 since 2003), including the prestigious Keystone, Gordon and FASEB symposia/meetings (6 since 2009), the European HF association of the ESC (14 presentation between 2006-2014), the European Society of Cardiology (9 between 2008-2014), and other international meetings on inflammation, oncology or matrix biology. Before, I gave a lot of oral presentations of my work (26 between 1999-2005)
 - S.H. has been part of different national and international grant reviewing committees, including the ERC starter and consolidator grants (n=4); the FNRS research foundation (the French NWO), the Dutch Heart Foundation (senior postdoc), the NWO (Veni)

Consultancy activities

ACS Biomarkers: Novel biomarkers for heart failure based on microRNA determination in blood

Honeywell company: Inflammation in the heart

Novartis: Heart failure therapeutics

RESEARCH ACTIVITIES

Current research activities

Research foci include the involvement of non-coding RNAs (microRNAs and long non-coding RNAs) and non-structural matrix proteins (glycoproteins and proteoglycans) in modulating cardiac inflammation, fibrosis and dysfunction, as well as in ocular inflammation and injury, often parallel mechanisms.

Research support

My translational work within this field of non-ischemic CMPs has resulted in an increasing number of personal, national and European collaborative projects (for a total amount of over € 8,3 million in 9 years). In 2009, I obtained the Vidi grant, in 2003 the dr. E. Dekker junior staff member research position. Furthermore, I was able to consolidate 3 Dutch Heart Foundation (NHS) project grants (2006, 2007 and 2008), and 4 Belgian PhD and postdoc fellowships (2000, 2007, 2009, 2010). In 2012 and 2013, I became principal investigator and work package leader in 5 FP7 European projects, and in 1 national CVON-NHS collaborative project. Importantly, these EU-projects and personal grants are all translational projects allowing me to collect patient data and cardiac samples in metabolic risk-induced HFPEF (FP7-MEDIA 2011 and FP7-Homage 2013), toxic (FP7-Hecatos 2013) and viral CMP (VIDI and FP7-Homage). I also stimulated my other team members to go for international grants, such as my previous PhD student and post-doc, dr. Blanche Schroen, who got the Veni and Vidi in my group in 2009 and 2013, and a NHS project in 2010, Dekkers in 2014. She is now a permanent assistant professor in my group since 2011.

Scientific output

The author's scientific output consists of 106 research papers in peer-reviewed international journals since the finalization of his MD, PhD and cardiology training (2003). This work resulted in an h-index of 34 and a total number of citations of 6066 (Web of Science); with a halftime clinical/ halftime research position. A complete publication list of lectures and publications can be found at

<http://www.ncbi.nlm.nih.gov/pubmed/?term=Heymans+S>.