Curriculum Vitae: Stephane HEYMANS

Gender:	Male
Place and date of birth:	Brussels, November 14, 1970
Married to:	Vanderschueren Ann, May 11, 1970
Children:	Sophie, born June 18, 1996 Paul, born January 2, 1998 Astrid, born May 31, 2000
Address:	Graaf de Grunnelaan 11, B-3001 Heverlee, Belgium (32-16-40.66.65)
Work address	Department of Cardiology Academic Hospital of Maastricht University of Maastricht P. Debyelaan 25 6229 HX Maastricht Netherlands Email: s.heymans@maastrichtuniversity.nl
Languages:	Fluently in Dutch, French and English

Education

Management skills.

2010	Academic Leadership, 8 days, Leeuwendaal
2009	Leadership and Management, 8 days, Business School Maastricht
2009	Personal Efficiency, 4 days, Maastricht University

Clinical and scientific training.

2008	Course Internatianol Clinical Studies, "Basiscursus Regelgeving en Organisatie Klinisch onderzoek", ICH-GCP, Maastricht University
2007	Course "Grant applications", "Wervingskracht", Maastricht University
2000, May	Ph.D.; Doctor in Medical Sciences, Fellow of Belgian Research Foundation, Title: "Role of Proteinases after Acute Myocardial Infarction", Promoters: Carmeliet P., Collen D., University of Leuven
1995	Doctor in Medicine (M.D.), K. U. Leuven, Belgium (Great Distinction, 84 %)
1982-88	St-Jan Berchmans College. Latin/Mathematics.

Residencies and Research Fellowship

2011-	Research Professor of "Inflammation and Matrix Biology in Cardiomyopathies" at the University of Leuven, 10 %
2008-	Head of the Centre for Heart Failure Research (including 16 laboratory members) Maastricht University

2003-	Academical Medical Specialist, Cardiology, University Hospital of Maastricht, The Netherlands
2003-	Guest Senior Investigator, Vesalius Institute, VIB, University of Leuven
2003-2006	Dr Dekker Fellowship for Basic Cardiovascular Research as Staff Member, The Netherlands Heart Foundation
1996-2003	Trainee in Cardiology, Dep. Cardiology, University Hospital of Leuven.
1996-2000	PhD student; Aspirant " National Fund for Scientific Research of Belgium" (NFWO), Peter Carmeliet and Desire Collen, University of Leuven

Academic Appointments

2011-	Professor at the University of Leuven, Faculty of Medicine, 10 %
2010-	Professor in Cardiomyopathies, Maastricht University; Professor at the Koninklijke Nationale Academie Nederland, (KNAW), Interuniversitair Cardiologisch Instituut Nederland (ICIN)
2003-	"Universitair Docent", Ass. Professor, Faculty of Health, Medicine and Life Sciences, University of Maastricht, Netherlands
2003-	Guest Lecturer, Ass. Professor, Faculty of Medicine, University of Leuven, Belgium

Clinical Appointments

2005- Responsible of Multidisciplinary Cardiomyopathy Program, with Immunology, Microbiology and Pathology departments

- Cardiogenetics
- General Heart Failure Clinic
- Clinical trials

2003-	Academical Medical Specialist, Cardiology, University Hospital of Maastricht, The Netherlands
1996-2003	Trainee in Cardiology, Dep. Cardiology, University Hospital of Leuven.
1996-2000	Responsible of a Clinical Trial: Use of recombinant Staphylokinase and its mutants in patients with peripheral arterial disease: inclusion of 210 patients.

Industrial Appointments

2011- Consultant for ACS Biomarker, Maastricht

Young Investigator Awards (under age of 35)

2006	Young Investigator Award of the European Association of Heart Failure (PhD student D. Vanhoutte)
2005	Young Investigator Award of the European Council of Cardiovascular Research
2004	Young Investigator Award of the European Association of Heart Failure

2003	Young Investigator Award of the Belgian Society of Cardiology
2003	Young Investigator Award of the European Society of Hypertension
2002	Young Investigator Award of the International Society of Hypertension
2001	Young Investigator Award of the International Society of Thrombosis and Haemostatis
2001	Young Investigator Award of the European Society of Hypertension
2000	Education Grant of the Young Cardiologists, Belgian Society of Cardiology
1999	Best Fellow of Internal Medicine, Belgian Society of Internal Medicine
1998	Young Investigator Award of the American Heart Association

Grants Obtained

Ongoing research support

- 2012-2016: Coördinator of FP7, EU Marie-Curie IAPP Exchange program with the University of Liege, Santaris Pharma (Denmark), 174 person months
- 2011-2016: PI in FP7, EU consortium Eu Mascara, € 270 thousand, PI
- 2011-2016: WP leader in FP7, EU consortium MEDIA, diastolic heart failure, € 1,054 million
- 2010-2014: Belgian Research Foundation (FWO), MicroRNAs -221 and -222 in viral myocarditis, € 240 thousand, PI
- 2009-2013: NHS, inflammation microRNA-155 in myocardial infarction, € 250 thousand, PI
- 2009-2013: Belgian Research Foundation (FWO), MicroRNAs in cardiac rejection after transplantation, € 240 thousand, PI
- 2009-2010: Horizon, NWO, Genomics of Myocarditis, € 105 thousand, co-PI
- 2009-2012: Belgian Research Foundation (FWO), € 136 thousand, PI
- 2009-2011: Boehringer-Ingelheim. Telmisartan for viral myocarditis, € 85 thousand, PI
- 2009-2013: Belgian Research Foundation (FWO), Matrix proteins and heart failure € 130 thousand, PI
- 2008-2013: NWO, VIDI grant, molecular aspects of viral heart disease € 600 thousand, PI
- 2008-2011: NWO, VENI grant, post-doc dr. B. Schroen, € 210 thousand, PI
- 2008-2012: Netherlands Heart Foundation (NHS), 2008B011, SPARC and myocardial infarction, € 250 thousand, PI
- 2008-2011: Sanguin Grant, Treatment of PVB19-related cardiomyopathy, € 130 thousand, PI
- 2007-2011: NHS, 2007B036, Genetic susceptibility for viral heart disease, € 230 thousand, PI

Past Research support

- 2007-2009: Novartis Grant, € 105 thousand, PI
- 2006-2009: Ingenious Hypercare, NoE EU, matrix and hypertension, € 92 thousand, co-PI
- 2005-2009: NHS, TSP-2 and aging of the heart, 2005B082, € 240 thousand , co-PI
- 2005-2008: Marie Curie, EU, € 180 thousand, co-PI
- 2003-2007: University of Leuven € 350 thousand, PI

- 2003-2006: Dr Dekker Fellowship, NHS, € 320 thousand, PI

Present PhD students and post-docs

- **Anna Papageorgiou, postdoc**
- **Blanche Schroen, postdoc → UD (tenure track)**
- **Sophie Deckx, PhD student,** 2011-2015
- **Tim Peeters, PhD student,** 2011-2015
- **Marieke Rinsk, PhD student,** 2011-2015
- **Lucas van Aelst, MD, PhD student**, 2009-2013
- **Ward Heggermont, MD, PhD student,** 2010-2014
- **Maarten Corsten, MD, PhD student**, 2008-2012
- **Mark Hazebroek, MD, PhD student,** Clinical Research Fellow, 2011-2014
- **G. van Almen, PhD** NHF, 2005B082, 2005-2009 (ending Jan 2011)

Past PhD students

- **Promotor of Melissa Swinnen,** Marie-Curie Excellence Grant, March 2010
- **Promotor of Davy Vanhoutte,** Research Grant Leuven University, June 2008
- **Mentor and co-promotor of M. Schellings,** Research Grant Maastricht, December 2007
- **Mentor and co-promotor of B. Schroens**, Research Grant Maastricht, May 2007

International activities

- Guest Lecturer and Scientist at the University of Leuven, Belgium. since 2003
- Nucleus member of the Committee of Diastolic Heart Failure, European Heart Failure Association
- Nucleus member of the Working Group of Myocardial Function of the European Society of Cardiology.
- Nucleus member of the Committee on Translational Research of the European Society of Heart Failure, European Heart Failure Association
- Member of the American Heart Association, European Society of Cardiology, European Society of Heart Failure, European Council on Cardiovascular Research
- Reviewer of different Journals, including Nature Medicine, Circulation, American Journal of Pathology, Circulation Research, Hypertension, European Heart Journal, Cardiovascular Research, …

Short Description of CV

Stephane Heymans (°14 Nov 1970) received his medical degree in 1995 at the University of Leuven, Belgium, with Prof.dr. Desire Collen and Prof.dr. P. Carmeliet as promotors. After obtaining his PhD in Medical Sciences in 2000, he started his residency in Cardiology in 2000 at the University of Leuven. He became a Cardiologist staff member at the dept. of Cardiology at the University of Maastricht, the Netherlands, in 2003, and a senior scientist at the same dept. He is responsible of the program on Cardiomyopathies, a multidisciplinary program including dep. of Pathology, Immunology and Medical Microbiology. As a young investigator (till 2005), he obtained 12 YI awards, including the YIA's of the American Heart Association, European Association of Cardiology, Hypertension and Heart Failure.
He subsequently became principal investigator at the Cardiovascular Research Institute Maastricht in 2007, and head of the Heart Failure Research Centre, in 2008. Since 2003 he collected over 5.2 million euro € of funding for basic research. In 2007, he became nucleus member of the Heart Failure Association Committees of Translational Research and Diastolic Dysfunction. He has an extensive European and International Network, as reflected in his involvement in 4 European projects, both as PI, work package leader, and coordinator (Marie Curie IAPP). He organized in 2008 a consensus meeting on "Inflammation and Heart Failure", evolving in a recently published consensus document. He became ICIN, Maastricht and Leuven University Professor in 2010 and 2011 resp. His main research topic is inflammation, fibrosis and remodeling during heart failure, with a particular focus on matricellular proteins, glycoproteins and microRNA's.

Brief summary of research over last five years

In 2010, I became professor of Cardiomyopathies, within the Netherlands Heart Institute (ICIN), the Maastricht University, and the University of Leuven (10 %). This reflects my research focusing on the implication of inflammation and fibrosis in heart failure, both in old and young patients. This work occurs within a strong European network of researchers, as reflected by my numerous European projects.

In 2007 and 2008, my translational research was granted with a VIDI and VENI (NWO) and two grants from the Netherlands Heart Foundation. In addition, two of my previous PhD students got a postdoc grant (Veni) to continue our work within my group and abroad.

In 2003, I became staff member at the department of Cardiology and gained a half-time research position at the Cardiovascular Institute of the University of Maastricht (CARIM), at first supported by the elite "Dekker Junior Staff member" fellowship (2003-2006). Since February 2008, I've started my own laboratorium as the head of the Centre for Heart Failure Research. Members now include 3 senior investigators (1 post-doc and 2 UHD), 7 PhD students and 4 technicians.

In 2000, I obtained my PhD cum laude at the University of Leuven, Belgium, with Peter Carmeliet and Desire Collen as promoters. I first focussed on the crucial role of proteinases in infarct healing and hypertension, using innovative techniques including bone marrow transplantation, gene therapy and treatment with growth factors. Results were published in high-impact journals, including a highly-cited Nature Medicine manuscript (more then 330 citation in 7 years) as a result of collaboration between 7 international groups.

My scientific work as a starting scientist has been rewarded with more then eleven Young Investigator Awards by, for example, the American and the European Heart Associations. Papers are published in high impact journals in the cardiovascular field such as Nature Medicine, Nature Genetics, Circulation and Circulation Research. Research occurs in close collaboration and by

visiting different international laboratories including P. Bornstein, Washington University (thrombospondin-2); H. Sage, Seattle (SPARC); P. Carmeliet, Leuven University, Belgium (gene transfer); M. Graccia, Trieste University, Italy (gene transfer); and Francis Spinale (matrix metalloproteinases)., and the Berlin Charité (C. Tschoeppe, W. Poller, HP Schultheiss).