

Short Biography of Paul M. Vanhoutte, MD/PhD

Dr. Paul M. Vanhoutte was born in 1940 in Belgium, where he obtained his degrees at the University of Gent (B.S., M.S., and M.D.) and the University of Antwerpen (Agregatie Hoger Onderwijs, equivalent to Ph.D.). He married Jacqueline Vandenberghe in April 1966; their union was blessed by the birth of four children (Valerie, Jacqueline Jr, Paul Robert and Alexis) followed by seven grand-children (Elina, Evita, Claire, Elio, Remi, Natalie and Katherine Emma). He received his postdoctoral training at the University of Gent and at the Mayo Clinic (Rochester, MN, USA). His academic career started at the University of Gent (Assistant, 1969-1971), followed by the Mayo Clinic (Research Associate, 1972-1973), the University of Antwerpen (Belgium; from Associate Professor to full Professor and Head of the Department of Pharmacology, 1973-1981), again the Mayo Clinic (Professor of Physiology and Pharmacology, 1981-1989) and Baylor College of Medicine (Houston TX, USA, Professor of Medicine, Pharmacology and Physiology, and Director of the Center for Experimental Therapeutics, 1989-1995). From 1992 to 2002, Dr. Vanhoutte was Vice-President R&D, and Director of Discovery Research at the Institut de Recherches Internationales Servier, in Courbevoie (Paris, France). During his tenure as Director of Discovery Research at Servier, he supervised the discovery and preclinical development of drugs designed for the treatment of cardiovascular diseases, diabetes, obesity, central nervous system disorders, cancer and osteoarthritis. From 2003 to 2006 he was Distinguished Visiting Professor and Director/Founder of the Biopharmaceutical Development Centre, at the Faculty of Medicine, University of Hong Kong. From 2006 to 2011 he was the Head of the Department of Pharmacology and Pharmacy; from 2009 to 2015 he was Chair Professor and since 2015 until his death, he was permanent Visiting Professor in the same department, continuing to co-supervise PhD students and to advise more senior investigators of the department. Since 2013, he held a part-time position of Professor at the School of Health Sciences at the University of South Denmark in Odense. He was Visiting Professor at the National University of Rwanda (1967), the Polish Academy of Sciences (1979), Chonbuk National University in Jeonju (South-Korea, 2013-2016) and King Saud University (Riyadh, Saudi Arabia, 2013-2015). He was an Honorary Professor at the Peking Union Medical College (Beijing), the Institute of Materia Medica of Beijing, the Ocean University of Qingdao, the Second Military Medical University in Shanghai and the Shanghai Institute of Materia Medica. He was still Iconic Visiting Professor at the University of Malaya (Kuala Lumpur), and Visiting Professor at the University of Zurich (Switzerland). Dr. Vanhoutte was a member of the Academia Europea, the Académie Nationale de Pharmacie (Paris) and the two Belgian Academies of Medicine, and honorary member of the Brazilian Academy of Medicine. He was a member of the American Association of Physicians, the American Society of Physiology, the American Heart Association (Fellow), the American Society for Clinical Investigation (Emeritus), the American College of Cardiology (Fellow), the American College of Angiology (Fellow), the American Society for Pharmacology and Experimental Therapeutics, the Belgian Society for Physiology and Pharmacology), and the French Pharmacological Society. He was member and Past-President of the Hong Kong Pharmacology Society. He was honorary member of the Physiological Society (London), the British Pharmacological Society (Honorary Fellow of the Chinese Pharmacological Society, the German Society of Angiology, the Société Française de Cardiologie and the European Society of Cardiology (Honorary Fellow). Dr Vanhoutte was the founder and Past-President of both the Serotonin Club [renamed "International Society for Serotonin Research"] and of the Asian Society of Vascular Biology. From 1989 to 2007, he was the Editor-in-Chief of the *Journal of Cardiovascular*

Pharmacology. He was Associate Editor of the *American Journal of Physiology (Heart and Circulatory Physiology)*, of *News in Physiological Sciences*, and of the *Journal of Vascular Medicine and Biology*. He was a member of the Editorial Board of many scientific journals (e.g. *Circulation*, *Circulation Research*, *Cardiovascular Research*, *Hypertension*, *Journal of Hypertension*, *American Journal of Physiology*, *Acta Sinica Pharmacologica*, *Journal of Pharmacology and Experimental Therapeutics*). He was member, and chairman, of the Program Project Review Committee of the National Heart Blood and Lung Institute of the NIH (Bethesda, MD, USA). He chaired the International Union of Basic and Clinical Pharmacology (IUPHAR) Committee for Receptor Nomenclature from 1989 to 1998. He was Secretary General of IUPHAR from 1998 to 2002, and President of the Union from 2002 to 2006. Dr. Vanhoutte wrote three theses. He co-authored or edited 36 books. He published more than 688 original research papers, and 582 editorials, reviews or chapters in books. His major scientific contribution was to appreciate and analyse the importance of endothelial cells in the control of the underlying vascular smooth muscle in vascular health and disease, and to highlight the complexity of that regulation. Dr. Vanhoutte received the Doctor Honoris Causa degree of the University of Gent (Belgium) in 2001, from the Universities of Antwerp (Belgium), Montreal (Canada) and Zurich (Switzerland) in 2003, from the Royal Melbourne Institute of Technology (Australia) in 2005, from the University Louis Pasteur in Strasbourg (France) in 2006, from the Gr. T. Popa University of Medicine and Pharmacy in Iasi (Romania) in 2009, from Monash University in Melbourne (Australia) in 2012 and from the University of South Denmark in Odense (Denmark) in 2016. Named lectures in his honour have been created by the American Society for Pharmacology and Experimental Therapeutics and by the International Society for Serotonin Research (formerly the Serotonin Club). Dr Vanhoutte was a Highly Cited Researcher (ISI) in three categories: Biology & Chemistry, Pharmacology, and Clinical Medicine. His last *h*-index was 143.