

Curriculum Vitae

Name Brenda Renata KWAK
Date of birth May 19, 1966
Marital status Married, one child (1997)
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EDUCATION

August 1985: 'Propadeuse' in Medicine, Amsterdam, NL
August 1988: 'Doctoraal-examen' in Medicine, Amsterdam, NL
June 1993: Ph.D., Amsterdam, NL
Thesis: Modulation of cardiac gap junction channels (Prof. H.J. Jongsma)
November 1997: Registration in Physiology (S.M.B.W.O.) - NL

POSITIONS

1988 - 1993 Research Assistant ('AiO'), Dept. of Physiology, University of Amsterdam, NL
April-June 1992 Research Internship, Dept. of Neuroscience, Albert Einstein College of Medicine, New York, USA (Prof. D.C. Spray)
1993 – 1996 Post-Doctoral Associate, Dept. of Medical Physiology, Utrecht University, NL
1996 – 1999 Post-Doctoral Assistant, Dept. of Morphology, University of Geneva
1999 – 2001 Post-Doctoral Assistant, Dept. of Internal Medicine - Cardiology, University of Geneva
2002 – 2003 SNF Research Fellow (Program Marie Heim-Vögtlin), Dept. of Internal Medicine - Cardiology, University of Geneva
2003 – 2009 SNF Professorship, Dept. of Internal Medicine - Cardiology, University of Geneva
2009 - present Associate professor, Dept. of Pathology and Immunology, and Dept. of Internal Medicine – Cardiology, University of Geneva

FELLOWSHIPS AND AWARDS

- Servier Investigator Award of the International Society for Heart Research, 1995
- Prix de la Fondation Leenaards, 2000-2003
- Fondation Pfizer Prix de la Recherche (domaine du système cardiovasculaire), 2002
- Cardio-Vascular-Biology Prize of the Swiss Society of Cardiology, 2002
- Swiss National Science Foundation professorship 2003-2009
- Sanofi-Aventis Heart Prize, 2006
- Prix de la Fondation Leenaards, 2007-2010
- Prix Bizot de la Faculté de Médecine, 2008
- Prix de la Fondation Leenaards 2011-2014

SCIENTIFIC EXPERT DUTIES

- Reviewer for American Heart Journal, American Journal of Hypertension, American Journal of Physiology, Antioxidants & Redox Signaling, ATVB, Atherosclerosis, BBA-Biomembranes, Cardiovascular Medicine, Cardiovascular Research, Cell Communication and Adhesion, Circulation, Circulation Research, Clinical and Developmental Immunology, European Journal of Cell Biology, European Heart Journal, FEBS Letters, Journal of Cell Science, Journal of Cellular Physiology, Journal of Immunology, Journal of Thrombosis and Haemostasis, Journal of Vascular Research, Physiological Genomics, Pflügers Archiv – European Journal of Physiology, PlosOne, Seminars in Immunopathology, Thrombosis and Haemostasis.

- Reviewer of grants for Swiss National Science Foundation (SNSF), Deutsche Forschungsgemeinschaft (DFG), Italian Association for Cancer Research (AIRC), Medical Research Council (MRC), British Heart Foundation (BHF).
- Member of Ph.D. thesis committees for Rune Sundset (Tromsø, Norway, 2005), Mickael Derangeon (Poitiers, France, 2007), Izabela Rozenberg (Zürich, 2009), Sarah Mollerup (Copenhagen, Denmark, 2011).
- Member of Editorial Board of Cardiovascular Medicine (2004 – present), Member of Editorial Board of European Journal of Clinical Investigation (July 2009 – present)
- Board Member of Working Group on Cardiovascular Biology of Swiss Society of Cardiology (SSC; 2007 – present. Elected vice-president in 2009), Nucleus Member of Working Group on Atherosclerosis of the European Society of Cardiology (ESC; 2008 – present), Council Member of European Society for Clinical Investigation (2008 – 2011).
- Co-organizer of CardioVascular Biology Seminar Series (Faculty of Medicine, Geneva), SCRTN course “Mouse Models and Techniques in Cardiovascular Research” (Geneva, 2005), SCRTN mini-symposium “Atherosclerosis, Inflammation, Lipids: State of the art” (Lausanne, 2006), SCRTN course “Connexins in the Cardiovascular System” (Bern, 2007), SCRTN minisymposium “Cardiovascular Diseases - The Blood, the Vasculature, and the Perivasculature” (Fribourg, 2007), 14th-16th Annual Cardiovascular Research and Clinical Implications Meetings (Muntelier, 2008-2011)
- Member of Scientific Advisory Board of the Zürich Center for Integrative Human Physiology (ZIHP; 2010 - present)

TEACHING RESPONSABILITIES

- Coordinator/Responsible of the «Heart and Circulation Unit» (problem-based course for second year medical students), Faculty of Medicine, University of Geneva
- Coordinator/Responsible of the ‘cours à option pour étudiants en médecine (2^{ème} et 3^{ème} année) «Recherche Cardiovasculaire», Faculty of Medicine, University of Geneva
- Coordinator/Responsible of the ‘Module de Biologie Cardiovasculaire’, course for PhD students, Faculty of Medicine, University of Geneva
- Lectures in Cardiovascular Physiology (Module «Des organes aux grand systèmes» 1^{ère} année), Faculty of Medicine, University of Geneva, 6 hours/year
- Lectures in Cardiovascular Physiology, Pharmacie 2^{ème} année, Faculty of Science, University of Geneva, 5 hours/year
- Lectures in Vascular Biology, Haute Ecole de Santé, Filière de formation des Physiothérapeutes, Genève, 3 hours/year
- Practicals in Physiology, Histology, Histopathology and Pathology, 1^{ère}-3^{ème} année, Faculty of Medicine, University of Geneva, approx. 32 hours/year

OTHER

- Member of commission pour la Promotion Academique de la Femme, Faculté de Médecine, Genève (2004 – present)
- ‘Ombudsman’ of Division of Cardiology (Rapporteur de l’incident et fait grave au sein de Service de Cardiologie) (2006 – present)
- Member of commission des Animaleries, Faculté de Médecine, Genève (2011 – present)

FUNDING

Current

- Swiss National Science Research Foundation (SNF), 2009-2012
- Fondation Novartis, 2010-2011
- Wolfermann-Nägeli-Stiftung, 2011-2012
- Fondation Leenaards, 2011-2014
- Fondation Gustave et Simone Prevot, 2011-2012

Past

- SNF professorship (2003-2009), Marie Heim-Vögtlin fellowship (2001-2002) and Project funding (2002-2005)
- Fondation Carlos et Elsie De Reuter (1997, 2005, 2008, 2011)

- Fondation Novartis (2002)
- Swiss Cardiovascular Research and Training Network (SCR TN; 2003-2004)
- Fondation Novartis Consumer Health (2004)
- Roche Research Foundation (2004)
- Helmut Horten Stiftung (2005)
- Fondation Gustave et Simone Prevot (2005)
- Fondation Dr. Henri Dubois-Ferrière Dinu Lipatti (2006, 2008)
- Fondation Suisse de Cardiologie, 2009