

## Short Resume

### Julie Y.H. Chan, PhD

Julie Chan received her PhD in Neuroscience from Washington State University, in the field of central neural control of cardiovascular functions. Following one year post-doctoral training at the same university, she returned to Taiwan in 1990 to join the Department of Medical Education and Research at the Taipei Veterans General Hospital as a principal investigator and was promoted to senior (professorial) principal investigator in 1996. In 1998, Julie moved to the Veterans General Hospital in Kaohsiung, Taiwan, where she served as the Head of the Basic Medical Research Division until 2011 when she joined the Kaohsiung Chang Gung Memorial Hospital to chair the Department of Medical Research. Julie Chan's laboratory has a long-standing research interest in brain stem cardiovascular regulatory mechanisms. Her current research interest focuses on the roles of brain nitric oxide and reactive oxygen species in pathogenesis of cardiovascular disorders, particularly in association with metabolic syndrome, chronic inflammation and hypertension of developmental origin. Julie Chan has served as a regional representative to the International Society of Autonomic Neuroscience (2000-2003), a member of International Brain Research Organization (IBRO) Asian Pacific Regional Committee (2008-2016), and council member and President of Federation of Asian and Oceanian Physiological Sciences (FAOPS, 2009-2019). She is currently the President of the International Union of Physiological Societies (IUPS, 2017-2021). Julie is the associate Editor of Journal of Biomedical Sciences, Reviewing Editor of Journal of Physiology. She sits on Editorial Board of several prestigious journals, including Circulation Research, Biochemical Pharmacology, American Journal of Physiology, Heart and Circulatory Physiology, Biomedical Journal and IBRO Reports.

