

Rhian Touyz (Glasgow, UK)



Biographical sketch

Director of the Institute of Cardiovascular and Medical Sciences, University of Glasgow, UK. She has received numerous academic and research awards from the American Society of Hypertension, the Canadian Society of Hypertension, the Quebec Society of Hypertension, the American Physiological Society and the American Heart Association (AHA). Her main focus of research relates to molecular, cellular and vascular mechanisms of hypertension. Prof Touyz is a clinician-scientist and her areas of research include clinical and experimental hypertension, signal transduction, oxidative stress, ion transport, vascular biology, adipose tissue biology and diabetes. She has a particular interest in translational and clinical research. Specific areas of research include 1) NADPH oxidases, oxidative stress and redox signaling; 2) vascular biology of angiotensin II and aldosterone; 3) TRPM6/7 and ion transport in the vasculature and 4) tyrosine kinases, inflammation and vascular remodeling. Contact: Rhian.Touyz@glasgow.ac.uk *In her speech, she will talk about the role of TRPM7 and Mg²⁺ in cardiovascular (patho)biology focusing on the implications in cardiovascular fibrosis and inflammation and the implications in cardiovascular disease.*