

2020 George Fodor Award



Michael Adams, MD

Queen's University
Kingston, Ontario

Hypertension Canada is honoured to recognize Dr. Michael Adams as the recipient of the 2020 Hypertension Canada George Fodor Award for his accomplishments as a scientist and educator who has impacted the management of hypertension and cardiovascular disease.

Dr. Adams is a Professor of Pharmacology and Toxicology and Head of the Department of Biomedical and Molecular Sciences at Queen's University (2010-2019) where he has been located since 1988. Dr. Adams

is well known to Hypertension Canada membership as a former member of the board and past chair of the Research and Awards Committee (2010-2011). He is a regular and lively participant in the Canadian Hypertension Congress and a past recipient of the Hypertension Canada Distinguished Service Award and Canadian Hypertension Society Young Investigator Award.

He is simply an outstanding scientist who has dedicated his research career to understanding the pathogenesis of hypertension, chronic kidney disease, and related cardiovascular conditions. His work has provided fundamental insights into the role of the kidney in response to antihypertensive treatment (see *Hypertension* 42:932-936, 2003; *Hypertension* 44: 89-94, 2004). In addition, Dr. Adams was one of the first investigators to recognize the importance of sexual dysfunction as an early warning sign for Hypertension/CVD. Screening for cardiovascular disease in individuals with sexual dysfunction has subsequently emerged as a cost-effective strategy for reducing cardiovascular events.

More recently, Dr. Adams has been instrumental in the development and characterization of novel animal models of vascular calcification in chronic kidney disease. These models will no doubt be used to inform future management of this condition and aid in the development of novel therapeutics.

In total, Dr. Adams holds patents for 16 primary inventions within Canada, US and worldwide for novel therapies targeting vascular and erectile dysfunction, has authored more than 180 publications and has more than 6000 lifetime citations. His research is highly regarded internationally and he is consistently invited to deliver keynote lectures at major research institutions (University of Gothenburg, Medical College of Georgia, University of Arizona) and at international symposia (The International

Society of Hypertension, ASPET, the World Congress on Sexual Medicine). He has delivered more than 110 invited lectures nationally and internationally.

In addition to his research accomplishments, Dr. Adams has also excelled in leadership positions. He has chaired several international symposia that have served to educate future leaders in cardiovascular and sexual health. Within his own institution he chaired the Department of Biomedical and Molecular Sciences until 2019. He currently sits on the scientific committee for the International Society for Sexual and Impotence Research and the Advisory Board for the International Society of Sexual Medicine. Most importantly, he was a founding board member of Hypertension Canada who was instrumental in positioning Hypertension Canada as a world leader in hypertension research, advocacy, education, and management.

In summary, Dr. Michael Adams' accomplishments have greatly impacted the management of hypertension and related cardiovascular disease through his research, leadership, and educational efforts and is most deserving of the 2020 Hypertension Canada George Fodor Award.