

**The Twenty – Fourth  
H. Douglas McEwen and Ethel McEwen  
Lecture in Pharmacology and Toxicology**

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**Jack H. Jhamandas, MD, PhD, FRCPC, FCAHS**

Distinguished University Professor

Department of Medicine (Neurology)  
Neuroscience and Mental Health Institute

Li Ka Shing Institute of Virology  
Centre for Prion and Protein Folding Diseases

*“Quest for A Novel Therapy against Alzheimer’s Disease”*

**Wednesday September 28th, 2022**

**Time: 3:00 – 4:00 pm**

**Location: School of Medicine, Room 132A**

Sponsored by:

Department of Biomedical and Molecular Sciences  
Faculty of Health Sciences  
Queen’s University

# The H. Douglas McEwen and Ethel McEwen Lectureship

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Dr. H. Douglas McEwen, a graduate of Queen's (B.A. 1926, M.A. 1927) and the University of Rochester (Ph.D. 1935), after serving at the University of South Dakota, returned to his alma mater in 1947. For twenty-two years, he was a faithful and loyal servant of Queen's University and the Faculty of Medicine, in Pharmacology and, for fourteen years, as Secretary to his Faculty. Thereafter, he retired as Emeritus Professor of Pharmacology.

Dr. McEwen was a tower of strength as a teacher of Pharmacology to medical students. His lectures were well prepared, delivered with sparkling good humour, and well received by students. He was one of a generation who utilized demonstrations to reinforce his lectures. An outstanding characteristic of Douglas McEwen was his insistence that the welfare of the student was one of the highest priorities in departmental, faculty and university affairs. Dr. McEwen's research interests were in the fields of cancer, liver function, smooth muscle, and nutrition. He was a skillful experimentalist and was very helpful to graduate students who remember his kindly counsel with gratitude. Dr. McEwen's role as Secretary of the Faculty is remembered with gratitude.

Ethel McEwen is remembered with respect and affection for her kindness and support of the Faculty.

## Jack H. Jhamandas, MD, PhD, FRCPC, FCAHS

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Dr. Jack Jhamandas is currently *Distinguished University Professor* in the Division of Neurology, Department of Medicine at the University of Alberta. He received his BSc in Applied Physics and MSc in Biophysics from the University of Alberta, his MD from the University of Calgary and completed his clinical training in Internal Medicine at the Toronto Western Hospital and in Neurology at the Montreal Neurological Institute and he received his PhD in Neuroscience from McGill University.

Dr. Jhamandas is a neurologist and neuroscientist whose research program on Alzheimer's disease has been funded by the CIHR and other agencies. He has received the Gold Medal in Medicine from the Royal College of Physicians and Surgeons of Canada; a Killam Professorship; a Tier 1 Canada Research Chair in Alzheimer's Research and elected a Fellow of the Canadian Academy of Health Sciences.

The development of novel and effective disease modifying therapies for Alzheimer's disease is one of the greatest scientific challenges of our time and over the past 25 years Dr. Jhamandas' experimental studies that have advanced knowledge in this area and hold the promise of yielding novel therapeutics for the disease. In highly original pre-clinical work involving multidisciplinary approaches and use of animal genetic models simulating human disease, Dr. Jhamandas and his associates have developed small brain-penetrable molecules targeting the amylin receptor that have demonstrated impressive effectiveness. Given his timely and ground-breaking research and its strong translational dimension for drug discovery, further development in this area could yield transformative therapy for Alzheimer's disease.

## Previous McEwen Lectureship Recipients

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Dr. Yves De Koninck, PhD  
Laval University

John Garthwaite, PhD  
University College London

Denis M. Grant, PhD  
University of Toronto

Stephen H. Safe, PhD  
Texas A & M University

D. Michael Bouvier, PhD  
Université de Montréal

R. Alan North, MB, PhD  
University of Sheffield

D. Lorne J. Tyrrell, MD, PhD  
University of Alberta

Joe Beavo, PhD  
University of Washington

Stephen P. Spielberg, PhD, MD  
University of Toronto

Scott A. Waldman, MD, PhD  
Thomas Jefferson University

Robert F. Furchgott, PhD  
SUNY Health Science Center

Lawrence J. Marnett, PhD  
Vanderbilt University

Edith McGeer, PhD  
University of British Columbia

Sterling K. Clarren, MD  
University of British Columbia

Richard J. Wurtman, PhD  
Massachusetts Institute of Technology

Jack P. Uetrecht, MD, PhD  
University of Toronto

Cecil B. Pickett, PhD  
Merck Research Laboratories

John S. Lazo, PhD  
University of Pittsburgh

Pieter B. Timmermans, PhD  
DuPont Merck Pharmaceutical Company

Peter Friberg, MD, PhD  
Göteborg University, Sweden

Susan B. Horwitz, PhD  
Albert Einstein College of Medicine

Michael Salter, MD, PhD  
University of Toronto

Curtis D. Klassen, PhD  
University of Kansas