

Dr. Lorraine Kalia

Clinician Scientist at University Health Network

Toronto, ON, CA

Dr. Kalia is a professor in the Department of Medicine at the University of Toronto and a clinician scientist at Toronto Western Hospital.

Biography

Dr. Kalia completed her combined MD/PhD training at the University of Toronto. Her doctoral research was performed under the supervision of Dr. Michael Salter at the Hospital for Sick Children. She pursued residency training in neurology at the University of Toronto and postdoctoral research at the MassGeneral Institute for Neurodegenerative Disease at Harvard University with Dr. Pamela McLean. Dr. Kalia returned to Toronto to continue her training as a movement disorders fellow at the Toronto Western Hospital with Dr. Anthony Lang.

Dr. Kalia is an assistant professor in the Division of Neurology, Department of Medicine at the University of Toronto. She is a clinician scientist at the Toronto Western Hospital, University Health Network with appointments at the Krembil Research Institute (Krembil), Tanz Centre for Research in Neurodegenerative Diseases, and Department of Laboratory Medicine and Pathobiology.

Her research program focuses on Parkinson's disease and aims to understand the key molecular pathways responsible for neurodegeneration to develop novel therapies. Her lab uses a comprehensive approach involving molecular biology techniques, in vitro biochemical assays, cellular models, and in vivo animal models. Her clinical practice is dedicated to the care of patients with Parkinson's disease and related disorders. Thus she is in an ideal position: 1) to utilize observations made in the clinic to generate hypotheses that can be tested in the lab; and, 2) to translate lab discoveries to have positive impacts on the lives of patients with neurodegenerative disorders.

Industry Expertise

Health Care - Services, Research, Education/Learning

Areas of Expertise

Neurology, Parkinson's Disease, Clinical Research, Medical Education, Neurodegeneration, Movement Disorders, Molecular Biology, Cell Biology

Education

University of Toronto

Ph.D. Neuroscience

Queen's University

B.S. Biology

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