

# **Dr. Lyanne Schlichter**

**Senior Scientist at University Health Network**

Toronto, ON, CA

Dr. Lyanne Schlichter is a Senior Scientist at Krembil with interests in neuroimmunology, ion-channel regulation, and cancer.

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## **Biography**

Lyanne C. Schlichter is a Senior Scientist at Krembil Research Institute (Krembil) with research interests in neuroimmunology, ion-channel regulation, and cancer. She is also a Professor in the Department of Physiology, University of Toronto.

Lyanne C. Schlichter's laboratory focuses on neuroinflammation and comprises 3 main research topics. Experimental approaches range from in vivo models ? cell cultures ? molecules. Current projects combine two or more principle techniques. She has published many seminal papers on microglia, ion channels, and in vivo studies of inflammation and CNS damage. The lab has been continually well-supported by grants from national granting agencies (CIHR, Heart & Stroke Foundation, Canadian Stroke Network, NSERC), as well as scholarships and fellowships.

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## **Industry Expertise**

Research, Health Care - Services, Education/Learning

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## **Areas of Expertise**

Neuroimaging, Electrophysiology, Neuroscience, Immunology, Cell Physiology, Molecular Biology, Physiology, Stroke Treatment, Cancer, University Teaching

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