



McGill

Department of Neuroscience



The 9th Annual

THEODORE L. SOURKES LECTURE IN NEUROPHARMACOLOGY

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“From catecholamines to neuropeptides – a 60-year odyssey”

Abstract

In this talk, honouring the memory of the Theodore L. Sourkes, I will draw upon my lifelong research experience to describe the evolution of some fundamental aspects of neurotransmission. My work began with the localization of monoamines like noradrenaline by electron microscopy and later, with the application of the Falck Hillarp technique, which provided new insights into catecholamines as significant

in pain and depressivelike behavior. Furthermore, our studies revealed alterations in transcript levels, methylation patterns, and peptide content in specific regions of human postmortem brains from patients who had committed suicide. After many years of

All are Welcome!