

Dr. Sergio Grinstein is a Professor in the Department of Biochemistry at the University of Toronto and a Senior Scientist at the Hospital for Sick Children in Toronto. He completed his Ph.D. in 1976 at the Centro de Investigacion y Estudios Avanzados, in Mexico City. He then spent two years as a post-doctoral fellow at the Hospital for Sick Children, followed by a year in the Department of Biochemistry at the Federal Institute of Technology in Zurich. Following his post-doctoral fellowships he began his independent research career at the Hospital for Sick Children in 1979.



Over the past 40 years, Dr. Grinstein has been an outstanding scientist and mentor. As one of Canada's most productive scientists, Dr. Grinstein has trained over 90 post-doctoral fellows and graduate students and has published >500 research articles and reviews. Former trainees populate several universities within Canada and globally including Western, Guelph, Toronto, Ryerson, McMaster, Laval, McGill and Alberta.

Dr. Grinstein is a Fellow of the Royal Society of Canada, in 2002 he received the McLaughlin Medal from the Society. He was twice named an International Scholar of the Howard Hughes Medical Institute and was the CIHR's inaugural recipient of the Michael Smith Prize in Health Research. Recently, he received the Hugh Davson Distinguished Lecturer Career Award from the American Physiological Society. Finally, and perhaps fittingly in 1987 Dr Grinstein received the Ayerst Award (New Investigator Award) from the Canadian Biochemical Society, a predecessor of the CSMB.

Dr. Grinstein has contributed many seminal findings to the fields of cell biology, physiology and immunity. His contribution included studies on the V-ATPase and NADPH oxidase in neutrophils, the regulation of cytosolic and organellar pH, membrane dynamics and signaling required for phagocytosis, the spatial organization and signaling of scavenger receptors.