

**2019 CSCC Award for Outstanding Contribution to Clinical Chemistry**  
**Sponsored by Siemens Healthineers**

**Dr. SM Hossein Sadzadeh**



The 2019 CSCC Award Outstanding Contributions to Clinical Chemistry is awarded to Dr. SM Hossein Sadzadeh. Dr. Sadzadeh is the current Section Chief, Clinical Biochemistry at Calgary Laboratory Services (CLS), Co-Director of the Clinical Biochemistry Fellowship Program at CLS and Clinical Professor at the University of Calgary. He has made tremendous contributions to the field of clinical chemistry in teaching, service and research.

Dr. Sadzadeh has held academic appointments at Harvard Medical School, the University of Arizona, the University of Washington, Cedars Sinai Medical Centre, and the University of Calgary/CLS. He is certified in clinical chemistry by the American Board of Clinical Chemistry and the National Registry in Clinical Chemistry. He is also licensed by the State of California as a clinical chemist scientist and is a fellow of the American Association for Clinical Chemistry Academy (formerly the National Academy of Clinical Biochemistry). He has maintained a very active research program receiving over \$4,000,000 in research funding to study a wide array of topics in clinical chemistry, including oxidative free radicals, iron and haptoglobin, and use of dried blood and urine specimens for chemistry and toxicology testing. He has authored over 80 papers, books and monographs, and has authored over 115 abstracts.

Dr. Sadzadeh has an energetic and passionate devotion to clinical service that this has been consistent throughout his career. At CLS, he has championed the implementation of LC-MS/MS testing in both the toxicology and endocrinology labs, resulting in the development of five new clinical assays and the funding of four new LC-MS/MS systems through rigorous interdepartmental competitions within CLS. This is transforming the analytical toxicology and endocrinology laboratories at CLS, and will hopefully position them as leaders in mass spectrometry testing with Alberta and across Canada.

Dr. Sadzadeh is also a dedicated teacher and mentor. He has been a research mentor to more than 50 undergraduate, graduate and postdoctoral trainees. He has also trained over 30 clinical chemistry fellows, and has served as the program director for fellowship training programs in California, Washington, Arizona and Calgary. Notably, he has been instrumental in supporting and developing the clinical biochemistry fellowship program at CLS, which is only one of two programs in Canada to be accredited by both the Canadian Academy of Clinical Biochemistry (CACB) and the Commission on Accreditation in Clinical Chemistry (COMACC).