

## 2018 CSCC Award for Research Excellence

Sponsored by Ortho Clinical Diagnostics

### Dr. Marvin Fritzler



The CSCC is pleased to recognize the outstanding research contributions of Marvin Fritzler, BSc, PhD, MD, FRCP(C), FAAM, AMLI. with the 2018 CSCC Research Excellence Award.

Dr. Marvin Fritzler is a Professor of Medicine in the Cumming School of Medicine at The University of Calgary. He is the Founder and Director of Mitogen Advanced Diagnostics Laboratory and held the Arthritis Society Research Chair at the University of Calgary for 14 years. Dr. Fritzler's research interests lie in the molecular and cell biology of autoantigens and the induction of autoimmunity by environmental exposures.

Dr. Fritzler has published more than 400 peer-reviewed manuscripts and his work has been cited more than 14,000 times (H index 51). Dr. Fritzler has been invited to lecture in international symposia, focusing on autoantibodies as biomarkers for predicting, preventing and treating autoimmune diseases, and especially their application to precision medicine. He had an active clinical practice in autoimmune diseases until 2001 when he was appointed to the Government of Alberta's science, technology and innovation policy and strategy board and then from 2005-2015, Chair of the Alberta Research and Innovation Authority.

Dr. Fritzler has been recognized by many research awards related to his work on Lupus, Arthritis and autoimmunity. Many CSCC members will recall that in 2005 Dr. Fritzler received the CSCC Travelling Lectureship award. In one lecture Marvin described how a northern Alberta man had an unusual pattern of autoantibody cytoplasmic staining. Marvin's lab revealed that the auto-antigen was a previously unknown eukaryotic cell organelle, the GW body that has subsequently been found to be involved in mRNA processing. Dr. Fritzler is a CSCC member and our representative on the IFCC committee on harmonization of autoimmune tests.

For these, and his many other contributions to medicine and the community, he was inducted into the American Lupus Society Hall of Fame in 1986, was inducted as an Honorary Member into the Mexican Academy of Medicine in 2002; designated Scientist of the Year by the Canadian Rheumatology Association in 2003 and also in 2003 received The Arthritis Society, Hero Award of Distinction. In 2013 he was inducted as a Master of the American College of Rheumatology and the received the American Association of Clinical Chemistry Lifetime Achievement Award in 2016.

Dr. Fritzler has made major contributions to research and clinical applications of diagnostic testing with worldwide impact and benefit patients.

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