

**Marvin Fritzler**

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Dr. Marvin Fritzler is 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 for 14 years. He received a BSc in 1968 (University of Alberta), a PhD in cell biology in 1971 (University of Calgary) and a MD in 1974 (University of Calgary). He received post-doctoral training under the mentorship of Dr. Eng Tan at The Scripps Research Institute and the University of Colorado (1976-1978). Dr. Fritzler's research interests focus on the molecular and cell biology of autoantigens and the induction of autoimmunity by environmental and xenobiotic exposures. The spectrum of diagnostic tests based on his discoveries over the 40 years of his career reflect his commitment to knowledge translation and precision health. These tests are provided to clinicians and researchers around the world.

Dr. Fritzler has published more than 430 peer-reviewed manuscripts and his work has been cited more than 24,000 times (H index 74; i10 index 326). 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. In 1986, Dr. Fritzler was the founder of the first International Congress on Systemic Lupus Erythematosus in Calgary. 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 in 2005 the Chair of the Alberta Research and Innovation Authority. Among his many awards, he was inducted into the BioAlberta Hall of Fame, was awarded the Alberta Centennial Medal and the ASTech Foundation Award for his leadership in shaping the research and innovation system in the Province of Alberta. Among other awards and lectures of distinction, he was inducted into the American Lupus Society Hall of Fame in 1986, named Distinguished Alumnus of the University of Calgary in 1988, 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 The Arthritis Society, Hero Award of Distinction. In 2013 he was inducted as a Master of the American College of Rheumatology, into the Order of the University of Calgary in 2014 and was awarded the American Association of Clinical Chemistry - Carl R Jolliff - Lifetime Achievement Award in 2016, Le Prix Rogers Demers, International Contributions to Rheumatology in 2018, the Canadian Society Clinical Chemists Research Excellence Award in 2018 and the Association of Medical Laboratory Immunologists Neter Award for outstanding contributions to laboratory immunology in 2019.