

Title: Insulin Therapy - The Discovery that shaped a century of innovation.

Presenter: Dr. Hertzl Gerstein, MD, MSc, FRCPC

Brief Summary of the Talk: This is a story that captures the imagination, epitomizes the impact, of medical research, directly relevant to the lives and indeed the existence of tens of millions of people. This is a story of the disease, the patients, the researchers and the discovery.



Doctor Hertzl C. Gerstein MD MSc FRCPC Biosketch

ADS Plenary Speaker

Dr. Hertzl C. Gerstein is a Professor at McMaster University and Hamilton Health Sciences, where he holds the Population Health Research Institute Chair in Diabetes and is the Director of the Diabetes Care and Research Program and Deputy Director of the Population Health Research Institute.

□ Read more >>

Dr. Gerstein's research has been published in over 400 papers, spans 50 countries, and has been funded by the NIH, the Canadian Institutes of Health Research, the Heart and Stroke Foundation of Canada, the Canadian Diabetes Association and the pharmaceutical industry. His research focuses on: a) the prevention and therapy of diabetes and its many consequences; b) the relationship between dysglycemia (a term he coined in 1995), cardiovascular outcomes, cognitive impairment, other diabetes-related chronic consequences, and new diabetes; c) strategies for type 2 diabetes remission; d) novel biomarkers for cardiovascular disease in diabetes; and e) the biologic basis of glucose-related health consequences. In 2016 he produced and distributed a music video to mitigate the impact of diabetes on affected people and their families. In 2012 he received the Canadian Diabetes Association's Lifetime Achievement Award.

Other media examples of Dr. Gerstein:

- 1) Canadian research shows Type 2 diabetes may be reversible – featuring Hertzl Gerstein. https://www.youtube.com/watch?v=mE_lckmzvHw
- 2) Hamilton Health Sciences – Diabetes Care and Research Program music video: Diabetes –Let's Defeat it: <https://www.youtube.com/watch?v=Qmh4qGLd2Tk> (Note: Hertzl composed and wrote the lyrics for the song).