

Pathophysiology, phenotypes and management of type 2 diabetes mellitus in Indian and Chinese populations



Calvin Ke, MD, PhD, FRCPC

Assistant Professor, Department of Medicine, University of Toronto Clinical Scientist, Toronto General Hospital Research Institute Staff Endocrinologist, Toronto General Hospital, University Health Network

- Nearly half of all adults with type 2 diabetes mellitus live in India and China.

 These populations have an underlying predisposition to deficient insulin secretion, which has a key role in the pathogenesis of type 2 diabetes mellitus. This presentation will synthesize the latest evidence examining the pathophysiology, phenotypes, and management of type 2 diabetes mellitus in Indian and Chinese populations.
- Dr. Calvin Ke is an Assistant Professor in the Department of Medicine, University of Toronto, a clinician scientist at the Toronto General Hospital Research Institute, an adjunct scientist at ICES, and a staff endocrinologist at the Toronto General Hospital, University Health Network in Toronto, Canada. He has conducted diabetes research internationally across Canada, China, India, and Guyana. His research interests include the management and outcomes of type 2 diabetes, with a focus on young-onset type 2 diabetes and on Chinese and South Asian populations. He is a member of the International Diabetes Federation Atlas Committee and the NCD Risk Factor Collaboration. He served as an Honorary Visiting Scholar at The Chinese University of Hong Kong. He has published peer-reviewed research articles in high-impact journals such as Annals of Internal Medicine, The Lancet Global Health, PLoS Medicine, and Nature Reviews Endocrinology. He is a recipient of multiple awards including the Canadian Society of Endocrinology and Metabolism Dr. Fernand Labrie Fellowship Research Award, the Queen Elizabeth Advanced Scholars Award, and the South Asian Network Supporting Awareness and Research Burgundy Young Investigator Award.





