Joint Heart + Lung Rounds

“The importance of humanomics in the era of genomics: The challenge of chronic disease management”

Dr. J. Mark FitzGerald
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Co-Director Institute for Heart and Lung Health

Thursday, October 9, 2014
8:00am - 9:00am
Cullen Family Lecture Theatre
Level 1 Providence Building, St Paul’s Hospital
Videolink to VGH
Jim Pattison Paetzold Pavilion, VGH

Dr. J. Mark FitzGerald graduated from University College Dublin in 1978. After interning and training in Internal Medicine in Dublin, he worked for two years in Lesotho, Southern Africa as a General Internist. Subsequently, he completed post-graduate training in Respiratory Medicine and Clinical Epidemiology at McMaster University before accepting a position on faculty at McMaster University in 1987. In 1989, he moved to the University of British Columbia, he currently is based at The Lung Centre at Vancouver General Hospital. Dr. FitzGerald is Head of the Respiratory Medicine Divisions at both UBC and Vancouver General Hospital and co-Director of the UBC Institute for Heart and Lung Health. He has published over 380 peer reviewed papers and editorials in high impact journals including: the New England Journal of Medicine, British Medical Journal, The Lancet, Annals of Internal Medicine and the Journal of the American Medical Association. He is Chair of the Executive of the Global Initiative in Asthma (GINA) and a current member and past Chair of its Science Committee. He is immediate Past President of the Canadian Thoracic Society.

Abstract: With the ongoing emergence of genomics we are moving towards a new era of personalized medicine. This presentation will highlight, early and late stage, exciting therapeutic options in the management of asthma based on targeted therapy. The presentation will mainly focus on the humanomics of chronic disease management. In particular it will look at the importance of health economics at a population level. It will highlight the importance of health literacy and numeracy, ethnicity, adherence and improving our ability to explain the risk benefit ration of therapeutic options for patients with chronic diseases.

FitzGerald JM, Pourreysami, I. The need for humanomics in the era of genomics and the challenge of chronic disease management. Chest 2014;146:10-12 (Editorial)

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