

# The University of Cape Town and the Academy of Science of South Africa (ASSAf)

cordially invite you to a Public Lecture by

ASSAf Distinguished Visiting Scholar

**Prof Philip Awadalla**

on

## **Exploiting Large Population Cohorts to Capture Genomic x Environmental Determinants of Chronic Diseases**

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**Date:** Monday 29<sup>th</sup> February 2015

**Time:** Lecture starts at 13h00

**Venue:** Wolfson Pavilion Lecture Theatre, IDM, University of Cape Town Medical School

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### **About Prof Philip Awadalla**

Philip Awadalla, PhD, is a Senior Investigator at the Ontario Institute for Cancer Research, Professor of Population and Medical Genomics at the University of Toronto, and is a Principal Investigator of the Canadian Partnership for Tomorrow Project and the Ontario Health Study. He is also the Director of the Genome Canada, Canadian Data Integration Centre. Awadalla was trained at the University of Edinburgh, and his team focuses on the development of next-generation genomics approaches, model-based tools and population-based approaches to study mutation and recombination rates, genome biology, and cancer. His team's research also focuses on systems and population genomics approaches to capture signals in large population cohorts or families to capture disease phenotypes, specifically identifying genetic determinants of blood disorders and cancers; and genomic epidemiology of age related disorders in population cohorts.

### **Brief background about the Academy of Science of South Africa**

The Academy of Science of South Africa (ASSAf) is the officially recognised national science academy of South Africa. Its mandate is, first, to promote and inspire outstanding achievements in all fields of scientific enquiry and to grant recognition for excellence; and second, either at its own initiative, or upon request, to undertake studies on matters of public interest with a view to providing evidence-based scientific advice to government and other constituencies. The Academy's members include scholars from across the natural and social sciences and humanities, engineering, and health sciences.