1ˢᵗ International Symposium in Cancer Genomics and Bioinformatics

PROGRAM

January 16, 2016

Julio Cabello Auditorium, Faculty of Medicine University of Chile
Av. Independencia 1027, Independencia. Santiago - Chile

Welcome

8:30 to 9:00	Registration and Coffee
9:00 to 9:30	Welcome and Introduction

Macela Angulo, Head of Technological Capabilities Division of Chilean Economic Development Agency - Corfo.
Carlos Murillo, General Manager of Pfizer Chile.
Dr. Manuel Kukuljan, Dean Faculty of Medicine University of Chile.

Session 1   **GENOMICS: PRESENT AND FUTURE**, moderator **Dr. Katherine Marcelain.**

9:30 to 10:10   **Dr. Geoffrey Ginsburg**, director of the Center for Applied Genomics and Precision Medicine at Duke University, North Carolina, United States.
"Precision Medicine Health and Medicine – Today and Tomorrow"

10:10 to 10:50   **Dra. Lori Ann Orlando**, associate Professor of Medicine and Associate Director of the Center for Applied Genomics and Precision Medicine at Duke University, North Carolina, United States.
"Use of family history in genomics studies"

10:50 to 11:20   **Dra. Mariana Perroni**, medical specialist IBM Watson Health LA.
"Big data in cancer genomics"

11:20 to 11:35   Questions

11:35 to 11:50   Coffee

Session 2   **FROM LABORATORY TO CLINICAL PRACTICE**, moderator **Dr. Ricardo Verdugo**

11:50 to 12:10   **Dr. Patricio Manque**, Principal Investigator Neuro System Lab, Center for Genomics and Bioinformatics at the Faculty of Sciences, Mayor University.
"miRNAomics: A new approach to biomarker identification"

12:10 to 12:30   **Dr. Ricardo Armisén**, Head of Research at Center of Excellence in Precision Medicine (CEMP) Pfizer Chile.
"Genomics and lung cancer in Chile"

12:30 to 12:45	Questions
12:45 to 14:00	Lunch

Session 3 **GENOMICS IN CLINICAL PRACTICE**, moderator **Dr. Ricardo Armisén**

14:00 to 14:30 **Dr. Geoffrey Ginsburg**, director of the Center for Applied Genomics and Precision Medicine at Duke University, North Carolina, United States.
"Implementation of Genomic Medicine in Practice – Globally"

14:30 to 15:00 **Dra. Lori Ann Orlando**, associate Professor of Medicine and Associate Director of the Center for Applied Genomics and Precision Medicine at Duke University, United States.
"Case study: Family history"

15:00 to 15:30 **Dr. Gaurav Kaushik**, scientific program Manager, Seven Bridges, Massachusetts, United States.
"Cancer genomics at petabyte-scale: scalability, collaboration, and reproducibility on the cancer genomics cloud"

15:30 to 15:45	Questions
15:45 to 16:00	Coffee

Session 4 **PRECISION MEDICINE ONCOLOGY**, moderator **Dra.Olga Baraja**

16:00 to 16:20 **Dr. Danilo González-Nilo**, Director of Center for Bioinformatics and Integrative Biology (CBIB), Andrés Bello University, Chile.
"Integration of genomics and BioNanotecnology: Future trends in human health."

16.20 to 16:40 **Dr. Katherine Marcelain**, Professor of the Human Genetics Program of the ICBM and of the Basic Clinical Oncology Department, Faculty of Medicine University of Chile.
"Precision medicine in cancer"

16:40 to 17:00 **Dr. Ricardo Verdugo**, Professor of the Human Genetics Program of the ICBM and of the Basic Clinical Oncology Department, Faculty of Medicine University of Chile.
"The ancestry of chileans and its relevance for cancer"

17:00 to 17:15	Questions