



Global Genomic Medicine Collaborative

5th G2MC International VIRTUAL Conference *Genomic Medicine Implementation in Low Resources Settings* May 6 - 8, 2020

6 May 2020

13:00 - 14:30 UTC

13:00 UTC

G2MC Working Group Break-out Concurrent Sessions

A - [Education Working Group](#)

Bruce Korf, MD, PhD University of Alabama, USA
Rich Haspel, MD Harvard Medical School, USA

B - [Policy / Advocacy Working Group](#)

Dame Sue Hill, OBE PhD National Health Service, England
Catalina Lopez-Correa, MD PhD Ruta N Medellin, Colombia
Laura Rodriguez, PhD USA

C - Genomic Medicine Flagship Projects - [Rare Diseases](#)

Vajira Dissanayake, MBBS, PhD University of Colombo, Sri Lanka
Alan Shuldiner, MD Regeneron Pharmaceuticals, USA

D - Genomic Medicine Flagship Projects - [Family History](#)

Grant Wood USA

E - [Evidence Working Group](#)

Marc Abramowicz, MD, PhD Geneva University Hospitals (HUG), Switzerland
Fahd Al-Mulla, MBChB, PhD Kuwait University, Kuwait

7 May 2020

11:00 - 15:30 UTC

Zoom Webinar

11:00 UTC

G2MC VIRTUAL 5th International Conference

Welcoming Remarks and Opening Statements

Gabriela Repetto, MD

Universidad del Desarrollo, Chile

Bruce Korf, MD, PhD

University of Alabama, USA

11:05 UTC

Session I: Genomic Landscape in Latin America

Moderators:

Gabriela Repetto, MD Universidad del Desarrollo, Chile

Ricardo Armisen, MD, PhD Universidad del Desarrollo, Chile

11:05 UTC

Keynote Introduction

11:10 UTC

Keynote: *Chilean Response to COVID-19*

Rafael Araos, MD, MSc

Chilean Ministry of Health

Clinica Alemana, Universidad del Desarrollo, Chile

11:25 UTC

Session Introduction

11:30 UTC

The Brazilian Reference Genome Project

Lygia V. Pereira, PhD

Universidad de Sao Paulo, Brazil

11:40 UTC

Clinical Implementation of Pharmacogenomics in Latin America

Bernard Esquivel, MD, PhD, MHA

Latin American Association of Precision Medicine (ALAMP)

OneOme, USA

11:50 UTC

Development of an Actionable NGS Cancer Panel in the Chilean Health Care System

Katherine Marcelain, PhD

Facultad de Medicina, Universidad de Chile, Chile

12:00 UTC *Latin American Hereditary Cancer Network*
Mev Dominguez-Valentin, PhD
Institute for Cancer Research
Oslo University Hospital, Norway

12:10 UTC *Education and Workforce*
Silvia Castillo Taucher, MD
Hospital Clínico Universidad de Chile, Chile

12:20 UTC *Patient Participation and Advocacy*
Cecilia Rodriguez
Patients Alliance, Chile

12:30 UTC **Panel Discussion**
Moderator: Ricardo Armisen, MD, PhD
Panel Members:
Lygia V. Pereira, PhD
Bernard Esquivel, MD, PhD
Katherine Marcelain, PhD
Mev Dominguez-Valentin, PhD
Silvia Castillo, MD
Cecilia Rodriguez

13:00 UTC

BREAK

14:00 UTC

Session II: Genomics of Common Disorders

Moderators:

George Patrinos, PhD University of Patras, Greece

Alan Shuldiner, MD Regeneron Pharmaceuticals, USA

14:00 UTC

Keynote Introduction

14:05 UTC

Keynote: *International Hundred K+ Cohorts Consortium*

Teri Manolio, MD, PhD

National Human Genome Research Institute, USA

- 14:20 UTC **Session Introduction**
- 14:25 UTC *GoGREECE*
George Patrinos, PhD
University of Patras, Greece
- 14:35 UTC *100K Genomic Medicine RCT in Clalit, Israel*
Gad Rennert, MD, PhD
Technion-Israel Institute of Technology, Israel
- 14:45 UTC *Gene-Environment Interactions in Chronic Disease: The Maule Cohort*
Catterina Ferreccio, MD, MPH
Advanced Center for Chronic Diseases (ACCDiS), Chile
- 14:55 UTC **Panel Discussion**
Moderator: Alan Shuldiner, MD
Panel Members:
George Patrinos, PhD
Gad Rennert, MD, PhD
Catterina Ferreccio, MD, MPH
Eimear Kenny, PhD
- 15:25 UTC *Polygenic Risk Scores and Common Disease*
Eimear Kenny, PhD
Mount Sinai School of Medicine, USA
- 15:35 UTC **Day 1 Closing Remarks**
Gabriela Repetto, MD Universidad del Desarrollo, Chile
Bruce Korf, MD, PhD University of Alabama, USA
5th G2MC International Conference Co-chairs

15:45 UTC

ADJOURN

8 May 2020

11:00 - 16:15 UTC

[Zoom Webinar](#)

11:00 UTC

Session III: Genomics of Rare Disorders

Moderators:

Bruce Korf, MD, PhD University of Alabama, USA

Gert Matthijs, PhD University of Leuven, Belgium

11:00 UTC

Keynote Introduction

11:05 UTC

Keynote: *Australian Genomics*

Andrew Sinclair, Ph.D., FAAHMS

Murdoch Children's Research Institute, Australia

11:20 UTC

Session Introduction

11:25 UTC

Genomic Workforce Development, Engagement and Education in New Zealand

Michelle Thunders, Ph.D.

University of Otago, New Zealand

11:35 UTC

The International Rare Diseases Research Consortium (IRDiRC)

Juergen Reichardt, PhD

Australian Institute of Tropical Health and Medicine

James Cook University, Australia

11:45 UTC

Regional Rare Disease Diagnostic Programs

Maria Cecilia Poli-Harlowe, MD, PhD

Clínica Alemana Universidad del Desarrollo, Chile

11:55 UTC

Return of results and scaling their model

Kelly East, MS, CGC

HudsonAlpha Institute for Biotechnology, USA

12:05 UTC

Panel Discussion

Moderators: Bruce Korf, MD, PhD

Panel Members:

Gert Matthijs, PhD

Michelle Thunders, PhD

Juergen Reichardt, PhD

Cecilia Poli, MD, PhD

Kelly East, MS, CGC

12:30 UTC

BREAK

13:00 UTC

Session IV: Solutions to Roadblocks

Moderators:

Geoff Ginsburg, MD, PhD Duke University, USA

Catalina Lopez-Correa, MD PhD Ruta N Medellin, Colombia

13:00 UTC

Keynote Introduction

13:05 UTC

Keynote: *WHO: Vision on Genetics and Genomics*

Soumya Swaminathan, MD

World Health Organization, Switzerland

13:10 UTC

Session Introduction

13:15 UTC

Challenges in Implementing Genomic Medicine in Latin America

Ricardo Armisen, MD, PhD

Universidad del Desarrollo, Chile

13:25 UTC

Implementing Genomic Medicine in Diverse Care Settings: The IGNITE Network

Geoff Ginsburg, MD, PhD

Duke University, USA

13:35 UTC *ISCC-PEG: A Collaborative Approach to Education*
Rich Haspel, MD, PhD
Beth Israel Deaconess Medical Center
Harvard Medical School, USA

13:45 UTC *Next Generation Sequencing to Limited Resource Settings*
Phil Febbo, MD
Illumina, USA

13:55 UTC **Panel Discussion**
Moderator: Catalina Lopez-Correa, MD, PhD
Panel Members:
Geoff Ginsburg MD, PhD
Ricardo Armisen, MD, PhD
Rich Haspel, MD, PhD
Phil Febbo, MD

14:30 UTC

BREAK

15:00 UTC

Session V: Working Groups Report & Closing Remarks

Moderator:
Alan Shuldiner, MD Regeneron Pharmaceuticals, USA

15:00 UTC **Session Introduction**

15:05 UTC **i) Education Working Group**
Bruce Korf, MD, PhD University of Alabama, USA
Rich Haspel, MD Harvard Medical School, USA
ii) Policy / Advocacy Working Group
Dame Sue Hill, MBChB, PhD National Health Service, England
Catalina Lopez-Correa, MD, PhD Ruta N Medellin, Colombia
Laura Rodriguez, PhD USA
iii) Genomic Medicine Flagship Projects Working Group
Rare Diseases
Vajira Dissanayake, MBBS, PhD University of Colombo, Sri Lanka
Alan Shuldiner, MD Regeneron Pharmaceuticals, USA

Family History

Grant Wood, USA

iv) Evidence Working Group

Marc Abramowicz, MD, PhD Geneva University Hospitals
(HUG), Switzerland

Fahd Al-Mulla, MBChB, PhD Kuwait University, Kuwait

16:05 UTC

Closing remarks / Plans for future meeting date

Gabriela Repetto, MD Universidad del Desarrollo, Chile

Bruce Korf, MD, PhD University of Alabama, USA

5th G2MC International Conference Co-chairs

16:15 UTC

ADJOURN