Genomic Medicine for Everyone
Accelerating Implementation of Genomic Medicine for Global Equity & Access

Please note this agenda is subject to change. If you have any questions, please don't hesitate to contact us.

Pre-Conference: G2MC Functional Groups Breakout Sessions/Workshops
Monday, October 2, 2023

10:00-15:00 Registration - Building H8

10:30-12:40 CET Breakout / Workshop Sessions:
10:30-11:30 CET
Implementation Projects Working Group - Room H8-01-D
Membership Working Group - Room H8-01-E
Resource Center Working Group - Room H8-01-F

11:30-11:40 CET – BREAK

11:40-12:40 CET
Family Health History Flagship project - Room H8-01-F
Rare Genetic Disorders Flagship project - Room H8-01-D

12:40-14:40 CET – LUNCH – Installation Posters and Exhibitors

DAY 1: MONDAY, OCTOBER 2, 2023 - AUDITORIUM H8-01

15:00-15:15 CET 7th International G2MC Conference
Welcoming Remarks
Teji Rakhra-Burris, MA, President and CEO
Global Genomic Medicine Collaborative (GGMC), USA

Opening Statements by the Conference Co-Chairs
Marc Abramowicz, MD, PhD
University Hospital of Geneva, Switzerland
Vajira Dissanayake, MBBS, PhD, FNASSL, FIAHSI
University of Colombo, Sri Lanka

G2MC Strategic Plan Overview by the G2MC Co-Chairs
George Patrinos, PhD
University of Patras, Greece
Bruce Korf, MD, PhD
University of Alabama, USA

15:15-15:20 CET Keynote Introduction: Marc Abramowicz, MD, PhD,
University of Geneva, Switzerland
15:20-15:50 CET  
**Keynote Address:**
Jeremy Farrar, PhD
Chief Scientist, World Health Organization, Switzerland

15:50-16:00 CET  
**Live Q&A**

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**Session I: Global Collaboration to Advance Genomic Medicine Implementation**

**Moderators:**
Marc Abramowicz, MD, PhD, University of Geneva, Switzerland
Theodora Katsila, PhD, National Hellenic Research Foundation, Greece

16:00-16:05 CET  
**Introduction**

16:05-16:20 CET  
**A G2MC Collaborative Project: An Assessment of Medical Genetic Needs of Providers within Nepal**
Pratiksha Gyawali, MBBS, MD
Kathmandu University, Nepal
Shane Quinonez, MD
University of Michigan, USA

16:20-16:35 CET  
**Implementation of Genomic Medicine in VietNam: An Example of Collaboration with Switzerland on Pediatric Epilepsy**
Trang Hoang Bao Pham, MD, MSc
Children's Hospital 2, Neurology Department, Vietnam

16:35-16:50 CET  
**Genomic Medicine on a Tight Budget for Pediatric Epilepsy in Africa**
Gemma Carvill, PhD
Northwestern University, USA

16:50-17:05 CET  
**The Role Of Genomic Counseling And Public Health Genomics In Low and Middle Income Countries in the Asia Pacific Region**
Meow-Keong Thong, MBBS, MD, FHGSA
University of Malaya, Malaysia

17:05-17:30 CET  
**Facilitated Panel Discussion (live Q&A)**
Pratiksha Gyawali, MBBS, MD
Shane Quinonez, MD
Trang Hoang Bao Pham, MD, MSc
Gemma Carvill, PhD
Meow-Keong Thong, MBBS, MD, FHGSA

17:30-18:30 CET  
**Networking Opportunity - Hall H8 - Catering Zone**

18:30-20:00 CET  
**WELCOME RECEPTION - Hall H8 - Catering Zone**
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
<th>Institution(s)</th>
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</thead>
<tbody>
<tr>
<td>08:00-08:05 CET</td>
<td>Welcome Day 2 &amp; Keynote Introduction: Bruce Korf, MD, PhD, University of Alabama, USA</td>
<td>Bruce Korf, MD, PhD</td>
<td>University of Alabama, USA</td>
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<tr>
<td>08:05-08:35 CET</td>
<td>Keynote Address: Sheri Schully, PhD All of Us Research Program, NIH, USA</td>
<td>Sheri Schully, PhD</td>
<td>NIH, USA</td>
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<td>08:35-08:45 CET</td>
<td>Live Q&amp;A</td>
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**Session II: Preparing the Workforce for Genomic Medicine (Education and Training)**

Moderators:
Richard L. Haspel, MD, PhD, Harvard Medical School, USA
Annette Uwineza, PhD, University Of Rwanda, Rwanda

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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
<th>Institution(s)</th>
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<tbody>
<tr>
<td>08:45-08:50 CET</td>
<td>Introduction</td>
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<tr>
<td>08:50-09:00 CET</td>
<td>Skills And Competencies For Delivering The Global Genomic Medicine &amp; Healthcare</td>
<td>Dhavendra Kumar, MBBS, MD, DCH (RCPSI), MMedSci, PGCertMedEd, FRCPI, FRCP, FRCPCH, FACMG, DSc.(Hon)</td>
<td>Global Consortium for Genomic Education (GC4GE), Queen Mary University of London, UK</td>
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<tr>
<td>09:00-09:10 CET</td>
<td>Education and Training Programs Developed to Implement Genomic Medicine in a South Asian Context</td>
<td>Nirmala D. Sirisena, MBBS, MSc, PhD</td>
<td>University of Colombo, Sri Lanka</td>
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<td>09:10-09:20 CET</td>
<td>Beyond the USA: NHGRI Genomics Education Resources</td>
<td>Richard L. Haspel, MD, PhD</td>
<td>NHGRI, USA</td>
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<td>09:20-09:30 CET</td>
<td>Education of Early and Mid Career Investigators in the African Network</td>
<td>Victoria Nembaware, PhD</td>
<td>University of Cape Town, South Africa</td>
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<tr>
<td>09:30-09:40 CET</td>
<td>Education and Training to Support the Implementation of Genomic Medicine in the Global South</td>
<td>Michelle Bishop, PhD</td>
<td>Wellcome Connecting Science, UK</td>
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</tbody>
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Session III: Early Career Investigator FORUM - Flash Talks

Moderators:
George Patrinos, PhD, University of Patras, Greece
Juergen Reichardt, PhD, James Cook University, Australia

10:00-10:35 CET   Introduction and Flash Talks (2 min each)

Arnab Ghosh, National Institute of Biomedical Genomics, India
Olfa Messaoud, Institut Pasteur De Tunis/University Tunis El Manar, Tunisia
Reem Hamad, Institute Of Endemic Diseases, Sudan
Micaela Barbieri Kennedy, University of Buenos Aires, Argentina
Vindya Subasinghe, Birmingham Women's & Children's NHS Foundation Trust, UK
Lilian Njagi, University Of Nairobi/Kenya Medical Research Institute, Kenya
Chantal De Long, Stellenbosch University, South Africa
Waruni Nawagamuwa, University Of Colombo, Sri Lanka
*Grace Larbie Gafa, Africa Kidney Disease Research Network/University Of Ghana Medical School, Ghana
*Shareefa Isaacs, Stellenbosch University , South Africa
*Youssef El Kadiri, National Institute Of Health of Rabat, Morocco
*Shathushika Arumainayaham, University Of Colombo, Sri Lanka
(*=presenting virtually)

10:35-11:00 CET – BREAK – Networking, Posters, Exhibitors - Hall H8 - Catering Zone

Session IV: Implementation of Genomic Medicine in Different Settings

Moderators:
Vajira Dissanayake, MBBS, PhD, FNASSL, FIAHSI, University of Colombo, Sri Lanka
Meow-Keong Thong, MBBS, MD, FHGSA, University of Malaya, Malaysia

11:00-11:05 CET   Introduction

11:05-11:20 CET   G2MC Genetics Clinics for Rare Disorders Flagship Project
Alan Shuldiner, MD
Regeneron Genetics Center and University of Maryland, USA

11:20-11:35 CET   Genomics of Undiagnosed Diseases: Personal to Populations and Back
Vinod Scaria, MBBS, PhD
Vishwanath Cancer Care Foundation, India
11:35-11:50 CET  Implementation of Genomic Medicine in Africa
Michele Ramsay, PhD
Sydney Brenner Institute for Molecular Bioscience, University of the Witwatersrand, South Africa

11:50-12:05 CET  Implementation of Genomic Medicine – the Genomics England experience
Matt Brown, MBBS, MD
Chief Scientific Officer, Genomics England, UK

12:05-12:20 CET  Implementation of Genomic Medicine for Pediatric Rare Disorders in Qatar
Ammira Al-Shabeeb Akil, EMBA, PhD
Sidra Medicine, State of Qatar

12:20-12:40 CET  Facilitated Panel Discussion (live Q&A)
Alan Shuldiner, MD
Vinod Scaria, MBBS, PhD
Michele Ramsay, PhD
Matt Brown, MBBS, MD
Ammira Al-Shabeeb Akil, PhD

12:40-14:40 CET – LUNCH – Networking, Posters, Exhibitors - Hall H8 - Catering Zone

12:50-14:20 CET – “Meet the Professor”: ECIs and Mentors (casual discussion) - Cloakroom H8
1. George Patrinos (Greece): Personalized Medicine Projects: An holistic perspective
2. Gabriela Repetto (Chile): Balancing research, teaching & clinical work in Genomics
3. Geoff Ginsburg (USA): Careers in precision medicine in academia, industry & government
4. Nirmala D. Sirisena (Sri Lanka): Building an impactful researcher profile
5. Juergen Reichardt (Australia): Career planning
6. Grant Wood (USA): Technology implementation - expanding your medical informatics skills
7. Vajira Dissanayake (Sri Lanka): Building a successful career in Genomics in a LMIC

Session V: Early Career Investigator Forum - Podium Presentations
Moderators:
Nirmala D. Sirisena, MBBS, MSc, PhD, University of Colombo, Sri Lanka
Pratiksha Gyawali, MBBS, MD, Kathmandu University, Nepal

14:40-14:45 CET  Introduction

14:45-14:55  Tsaone Tamuhla, South African National Bioinformatics Institute, University Of The Western Cape, South Africa

14:55-15:05  Emma Magavern, Queen Mary University Of London, William Harvey Research Institute, UK

15:05-15:15  Caitlin Wheeler, University Of The Witwatersrand, South Africa


15:25-15:35  Michelle Kamp, University of the Witwatersrand, South Africa

15:35-15:45  Eduardo Pérez-Palma, Universidad Del Desarrollo, Chile

15:45-15:55  Taylor Robinson, National Human Genome Research Institute, National
Institutes of Health, USA
Annette Uwineza, University Of Rwanda, Rwanda
Zeina Al-mahayri, United Arab Emirates University, Abu Dhabi
*Nirodhi Dasanayaka, University of Colombo, Sri Lanka
(*=presenting virtually)

16:25-17:00 CET – BREAK – Networking, Posters, Exhibitors - Hall H8 - Catering Zone

Session VI: Early Career Investigator FORUM - Career development panel

Moderators:
George Patrinos, PhD, University of Patras, Greece
Juergen Reichardt, PhD, James Cook University, Australia

17:00-18:00 CET
Geoff Ginsburg, MD, PhD, All of Us Program, NIH, USA
Segun Fatumo, PhD, The Medical Research Council, Uganda Virus Research Institute and London School of Hygiene and Tropical Medicine Uganda Research Unit, Uganda
Michele Ramsay, PhD, Wits Sydney Brenner Institute for Molecular Bioscience, South Africa
Osama El Hassan, MD, PhD, Dubai Health Authority, United Arab Emirates
Pratiksha Gyawali, MBBS, MD, Kathmandu University, Nepal

18:00-19:30 CET
Networking Opportunity - Hall H8 - Catering Zone

19:30-23:00 CET
CONFERENCE DINNER - Restaurant Edelweiss
2 Place de la Navigation, 1201 Geneva
www.hoteledelweissgeneva.com

DAY 3: WEDNESDAY, OCTOBER 4, 2023 - AUDITORIUM H8-01

08:00-08:05 CET
Welcome Day 2 & Keynote Introduction: George Patrinos, PhD, University of Patras, Greece

08:05-8:35 CET
Keynote Address:
Collet Dandara, BSc(Hons)
University of Cape Town, South Africa

08:35-08:45 CET
Live Q&A

Session VII: Equity and Global Access for Genomic Medicine Implementation

Moderators:
Gabriela Repetto, MD, Universidad del Desarrollo, Chile
Claudia Gonzaga-Jauregui, PhD, Universidad Nacional Autónoma de México, México

08:45-08:50 CET
Introduction
08:50-09:05 CET  
**Advancing Equity for Indigenous Genomics**  
Kali Dale, PhD  
Native Biodata Consortium, USA

09:05-09:20 CET  
**Increasing Genomic Diversity And Advancing Genomic Medicine In Africa**  
Segun Fatumo, PhD  
Associate Professor, The Medical Research Council, Uganda Virus Research Institute and London School of Hygiene and Tropical Medicine Uganda Research Unit, Uganda

09:20-09:35 CET  
**Challenges And Opportunities Of Implementing Genomic Medicine In Latin America**  
Claudia Gonzaga-Jauregui, PhD  
International Laboratory for Human Genome Research, Universidad Nacional Autónoma de México (LIIGH-UNAM), México

09:35-09:50 CET  
**A Unique Public-Private Partnership to Advance African Ancestry Genomics Through the Together for Change (T4C) Initiative**  
Lyndon Mitnaul, PhD  
Regeneron Genetics Center, USA

09:50-10:10 CET  
**Facilitated Panel Discussion (live Q&A)**  
Kali Dale, PhD  
Segun Fatumo, PhD  
Claudia Gonzaga-Jauregui, PhD  
Lyndon Mitnaul, PhD

10:10-10:40 CET — BREAK — Networking, Posters, Exhibitors - Hall H8 - Catering Zone

**Session VIII: G2MC Functional Groups Accomplishments & Next Steps / Report Out**

10:40-10:45 CET  
**Introduction:**  
Alan Shuldiner, MD  
Regeneron Genetics Center and University of Maryland, USA

10:45-11:00 CET  
**Family Health History Flagship project**  
Grant Wood  
Technology Executive in Clinical Genomics, USA  
Theodora Katsila, PhD  
National Hellenic Research Foundation, Greece

11:00-11:15 CET  
**Rare Genetic Disorders Flagship Project**  
Vajira Dissanayake, MBBS, PhD, FNASSL, FIAHSI  
University of Colombo, Sri Lanka  
Alan Shuldiner, MD  
Regeneron Genetics Center and University of Maryland, USA

11:15-11:30 CET  
**Implementation Projects Working Group**  
Vajira Dissanayake, MBBS, PhD, FNASSL, FIAHSI
University of Colombo, Sri Lanka
Alan Shuldiner, MD

11:30-11:45 CET  
**Membership Working Group**
George Patrinos, PhD
University of Patras, Greece

11:45-12:00 CET  
**Resource Center (formerly Clearinghouse) Working Group**
Grant Wood
Technology Executive in Clinical Genomics, USA
Michelle Bishop, PhD
Wellcome Connecting Science, UK

12:00-14:00 CET  – LUNCH – Networking, Posters, Exhibitors - Hall H8 - Catering Zone

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**Awards and Closing Remarks**

14:00-14:15 CET  
**Awards Announcement (for the Best ECI Presentations and Posters)**
Nirmala D. Sirisena, MBBS, MSc, PhD
University of Colombo, Sri Lanka
Juergen Reichardt, PhD
James Cook University, Australia

14:15-14:45 CET  
**Steps on Moving Forward by the G2MC Co-Chairs**
George Patrinos, PhD
University of Patras, Greece
Bruce Korf, MD, PhD
University of Alabama, USA

14:45-15:00 CET  
**Closing Remarks**
Vajira Dissanayake, MBBS, PhD, FNASSL, FIAHSI
University of Colombo, Sri Lanka
Marc Abramowicz, MD, PhD
University of Geneva, Switzerland

15:00 CET  
**CONFERENCE ADJOURNS**

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16:30-18:30 CET  
**Post-Conference: G2MC SC Leadership Retreat (by invitation only)**
Campus Biotech - Room H8-01-F
ECI posters presenters:

Tsaone Tamuhla, South African National Bioinformatics Institute, University Of The Western Cape, South Africa

Emma Magavern, Queen Mary University Of London, William Harvey Research Institute, UK

Caitlin Wheeler, University Of The Witwatersrand, South Africa

Hasani Hewavitharana, Ministry of health, Sri Lanka

Zeina Al-mahayri, United Arab Emirates University, Abu Dhabi

Michelle Kamp, University of the Witwatersrand, South Africa

Eduardo Pérez-Palma, Universidad Del Desarrollo, Chile

Taylor Robinson, National Human Genome Research Institute, National Institutes of Health, USA

Annette Uwineza, University Of Rwanda, Rwanda

Arnab Ghosh, National Institute of Biomedical Genomics, India

Olfa Messaoud, Institut Pasteur De Tunis/University Tunis El Manar, Tunisia

Reem Hamad, Institute Of Endemic Diseases, Sudan

Micaela Barbieri Kennedy, University of Buenos Aires, Buenos Aires

Vindya Subasinghe, Birmingham Women's & Children's Nhs Foundation Trust, UK

Grace Larbie Gafa, Africa Kidney Disease Research Network/University Of Ghana Medical School, Ghana

Lilian Njagi, University Of Nairobi/Kenya Medical Research Institute, Kenya

Chantal De Long, Stellenbosch University, South Africa

Waruni Nawagamuwa, University Of Colombo, Sri Lanka

Yasas D. Kolambage, Sabaragamuwa University of Sri Lanka, Sri Lanka

Rupesh Mishra, Civil Service Hospital, Nepal

Evelin González-Feliú,

*Nirodhi Dasanayaka, University of Colombo, Sri Lanka

*May Krause, University Of Cape Town, South Africa

*Youssef El Kadi, National Institute Of Health of Rabat, Morocco

*Shathushika Arumainayaham, University Of Colombo, Sri Lanka

*Shareefa Isaacs, Stellenbosch University, South Africa (2 posters)

*Kawmadi Gunawardena, University of Colombo, Sri Lanka (2 posters)

*Paidamoyo Farai Kachambwa, University Of Cape Town/Mediclinic Precise, South Africa

(*=presenting virtually)

Mrs Michelle Kamp, University of the Witwatersrand, South Africa

Dr Chibuzor Ogamba, University of Oxford, United Kingdom

Dr Bishal Koirala, Shreegaun Primary Health, Dangisharan, Nepal

Ms Evelin González-Feliú, Centro de Genética y Genómica, Instituto de Ciencias e Innovación en Medicina, Facultad de Medicina Clínica Alemana Universidad del Desarrollo, Santiago, Chile

Dr Stephen Kearney, Tallaght University Hospital, Dublin, Ireland