



### Monday, March 21

11 am

— 11:00am - 11:40am (40 Min)

#### Day 1 Welcoming Remarks and an Overview of The Human Cell Atlas

**Gordon Awandare**

Principal Investigator, Group Leader  
West African Centre for Cell Biology of Infectious Pathogens

**Sarah Teichmann**

Head of Cellular Genetics and Senior Group Leader / Human Cell Atlas and Wellcome Sanger Institute  
Sanger Institute

**Alex Shalek**

Principal Investigator  
MIT

— 11:40am - 12:55pm (1 Hour, 15 Min)

#### Highlights of Single Cell Research and Discoveries in Africa

**Dorit Hockman**

Principal Investigator  
University of Cape Town

**Abdul Sesay**

Genomics Core Member  
MRC Unit The Gambia

**Al Leslie**

Senior Researcher/Supervisor  
Africa Health Research Institute

**Gordon Awandare**

Principal Investigator, Group Leader  
West African Centre for Cell Biology of Infectious Pathogens

12 pm

— 12:55pm - 1:10pm (15 Min)

#### Break

1 pm

— 1:10pm - 2:15pm (1 Hour, 5 Min)

#### Experimental Design Issues and Discoveries

**Paul Kelly**

Professor of Tropical Gastroenterology  
Queen Mary University of London

**Alex Sigal**

Professor  
Africa Health Research Institute

**Collins Morang'a**

PhD Research Fellow  
WACCBIP, University of Ghana

**Alex Shalek**

Principal Investigator  
MIT

2 pm

— 2:15pm - 2:25pm (10 Min)

#### Break

— 2:25pm - 3:15pm (50 Min)

#### Ethical Issues and Discoveries

**Nicki Tiffin**

Professor  
South African National Bioinformatics Institute, University of the Western Cape

**Ntobeko Ntusi**

Professor  
University of Cape Town and Groote Schuur Hospital

**Ma'n Zawati**

Assistant Professor and Executive Director  
McGill University



### Monday, March 21

3 pm



3:15pm - 3:25pm (10 Min)

#### Break



3:25pm - 4:25pm (1 Hour)

#### Technical Issues and Discoveries / Day 1 Closing Remarks and Preview of Day 2

**Daniel Muema**

Post-Doctoral Trainee  
Africa Health Research Institute

**Thomas Otto**

Senior Lecturer  
University of Glasgow

**Holger Heyn**

Team leader  
CNAG

**Thumbi Ndung'u**

Deputy Director (Science)  
Africa Health Research Institute



### Tuesday, March 22

11 am

11:00am - 12:15pm (1 Hour, 15 Min)

#### Day 2 Welcoming Remarks and HCA as a reference for Disease Research Part 1

**Alfred Amambua-Ngwa**

Group Leader  
MRC Unit The Gambia at LSHTM

**Partha Majumder**

Distinguished Professor  
Indian Statistical Institute, Kolkata

**Henrik Kloverpris**

Associate Professor  
Africa Health Research Institute

**One Dintwe**

Research Officer  
Cape Town HVTN Immunology Laboratory

12 pm

12:15pm - 12:25pm (10 Min)

#### Break

12:25pm - 1:25pm (1 Hour)

#### HCA as a reference for Disease Research Part 2

**Abdoulie Kanteh**

Scientific Officer  
MRCG at LSHTM

**Christopher Moxon**

Principal Investigator  
University of Glasgow

**Rowland Osii**

Research Assistant  
Kenya Medical Research Institute

**Alfred Amambua-Ngwa**

Group Leader  
MRC Unit The Gambia at LSHTM

1 pm

1:25pm - 1:40pm (15 Min)

#### Break

1:40pm - 3:00pm (1 Hour, 20 Min)

#### Opportunities for Collaboration

**Christian Happi**

Principal Investigator  
ACEGID

**Patricia Severino**

Principal Investigator  
Hospital Israelita Albert Einstein

**Idowu Aimola**

Postdoctoral Fellow  
Ahmadu Bello University Zaria

**Musa Kana**

MD, PhD, Postdoctoral Research Fellow  
NIEHS

**Collen Masimirembwa**

Distinguished Research Professor  
Sydney Brenner Institute for Molecular Bio-  
science

**Thumbi Ndung'u**

Deputy Director (Science)  
Africa Health Research Institute

3 pm

3:00pm - 3:15pm (15 Min)

#### Break



### Tuesday, March 22

— 3:15pm - 3:45pm (30 Min)

#### Future Directions for African Single Cell Research Panel

**Alfred Amambua-Ngwa**

Group Leader  
MRC Unit The Gambia at LSHTM

**Gordon Awandare**

Principal Investigator, Group Leader  
West African Centre for Cell Biology of Infectious Pathogens

**Christian Happi**

Principal Investigator  
ACEGID

**Musa Mhlanga**

Principal Investigator  
Radboud University

**Nicola Mulder**

Professor and head of Computational Biology  
University of Cape Town

**Thumbi Ndung'u**

Deputy Director (Science)  
Africa Health Research Institute

— 3:45pm - 4:15pm (30 Min)

#### Ask Me Anything Panel

**Muzlifah Haniffa**

Professor and Associate Faculty  
Newcastle University and Sanger Institute

**Musa Mhlanga**

Principal Investigator  
Radboud University

**Aviv Regev**

Executive Vice President of Genentech Research and Early Development / Human Cell Atlas  
Genentech

**Ma'n Zawati**

Assistant Professor and Executive Director  
McGill University

4 pm

— 4:15pm - 4:55pm (40 Min)

#### Next Steps Townhall and Closing Remarks

**Alfred Amambua-Ngwa**

Group Leader  
MRC Unit The Gambia at LSHTM

**Christian Happi**

Principal Investigator  
ACEGID

**Nicola Mulder**

Professor and head of Computational Biology  
University of Cape Town

**Musa Mhlanga**

Principal Investigator  
Radboud University