

HCA Africa: Introduction to Single-Cell RNA-Seq Analysis Workshop (Virtual) / Agenda

Mon Oct 17

11:40 AM - 6:00 PM GMT +0 / 12:40 PM - 7:00 PM Your local time (6 Hours, 20 Min)

Day 1 Broadcast (Recording)

WATCH RECORDING

12:00 PM - 12:30 PM GMT +0 / 1:00 PM - 1:30 PM Your local time (30 Min)

General Human Cell Atlas Overview



Musa Mhlanga
Radboud University
Speaker

12:30 PM - 1:15 PM GMT +0 / 1:30 PM - 2:15 PM Your local time (45 Min)

Introduction to Experimental Sequencing Methods



Daniela Russo
Research Technician
Speaker

1:15 PM - 1:30 PM GMT +0 / 2:15 PM - 2:30 PM Your local time (15 Min)

Q & A

1:30 PM - 2:15 PM GMT +0 / 2:30 PM - 3:15 PM Your local time (45 Min)

Introduction to Computational Analysis Methods



Vincent Appiah
WACCBIP-UG
Speaker



Mr. Collins Morang'a
West African Centre for Cell Biolo...
Speaker

2:15 PM - 2:30 PM GMT +0 / 3:15 PM - 3:30 PM Your local time (15 Min)

Q & A

2:30 PM - 2:45 PM GMT +0 / 3:30 PM - 3:45 PM Your local time (15 Min)

Break

2:45 PM - 3:45 PM GMT +0 / 3:45 PM - 4:45 PM Your local time (1 Hour)

R Studio prep



Vincent Appiah
WACCBIP-UG
Speaker

3:45 PM - 4:15 PM GMT +0 / 4:45 PM - 5:15 PM Your local time (30 Min)

Introduction to R



Sarah Ingabire
Research Associate
Broad Institute
Speaker

4:15 PM - 4:30 PM GMT +0 / 5:15 PM - 5:30 PM Your local time (15 Min)

Q & A and Close Day 1

Tue **Oct 18**

11:40 AM - 6:00 PM GMT +0 / 12:40 PM - 7:00 PM Your local time (6 Hours, 20 Min)

Day 2 Broadcast

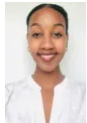
WATCH RECORDING

12:00 PM - 12:15 PM GMT +0 / 1:00 PM - 1:15 PM Your local time (15 Min)

Q & A

12:15 PM - 1:15 PM GMT +0 / 1:15 PM - 2:15 PM Your local time (1 Hour)

R lab, introduction to R



Sarah Ingabire
Research Associate
Broad Institute
Speaker

1:15 PM - 1:30 PM GMT +0 / 2:15 PM - 2:30 PM Your local time (15 Min)

Break

1:30 PM - 2:15 PM GMT +0 / 2:30 PM - 3:15 PM Your local time (45 Min)

Data pre-processing and quality control lecture



Daniel Chafamo

Broad
Speaker

2:15 PM - 2:30 PM GMT +0 / 3:15 PM - 3:30 PM Your local time (15 Min)

Q & A

2:30 PM - 2:45 PM GMT +0 / 3:30 PM - 3:45 PM Your local time (15 Min)

Break

2:45 PM - 4:15 PM GMT +0 / 3:45 PM - 5:15 PM Your local time (1 Hour, 30 Min)

R lab, single cell data exploration and quality control



Daniel Chafamo

Broad
Speaker



Daniela Russo

Research Technician
Speaker

Wed **Oct 19**

8:00 AM - 10:30 AM GMT +0 / 9:00 AM - 11:30 AM Your local time (2 Hours, 30 Min)

Day 3 Part 1 (Recording)

WATCH RECORDING

11:30 AM - 12:30 PM GMT +0 / 12:30 PM - 1:30 PM Your local time (1 Hour)

Day 3 Part 2 (Recording)

WATCH SESSION

12:00 PM - 1:15 PM GMT +0 / 1:00 PM - 2:15 PM Your local time (1 Hour, 15 Min)

Identification and biological interpretation of cell subsets lecture



Orr Ashenberg
Computational Biologist
Broad Institute
Speaker



Sergio Triana
Broad Institute
Speaker

1:15 PM - 1:30 PM GMT +0 / 2:15 PM - 2:30 PM Your local time (15 Min)

Q & A

1:30 PM - 3:30 PM GMT +0 / 2:30 PM - 4:30 PM Your local time (2 Hours)

R lab cell subsets



Orr Ashenberg
Computational Biologist
Broad Institute
Speaker



Sergio Triana
Broad Institute
Speaker

3:30 PM - 4:15 PM GMT +0 / 4:30 PM - 5:15 PM Your local time (45 Min)

CELLxGENE interactive demo



Pablo Garcia-Nieto
Computational Biologist
Chan Zuckerberg Initiative
Speaker



Maximilian Lombardo
Data Scientist
Chan Zuckerberg Initiative
Speaker

Thu Oct 20

11:40 AM - 3:00 PM GMT +0 / 12:40 PM - 4:00 PM Your local time (3 Hours, 20 Min)

Day 4 (Recording)

WATCH RECORDING

12:00 PM - 12:45 PM GMT +0 / 1:00 PM - 1:45 PM Your local time (45 Min)

Group presentations

12:45 PM - 1:15 PM GMT +0 / 1:45 PM - 2:15 PM Your local time (30 Min)

Summary and Closing Remarks

1:15 PM - 2:45 PM GMT +0 / 2:15 PM - 3:45 PM Your local time (1 Hour, 30 Min)

Office Hours