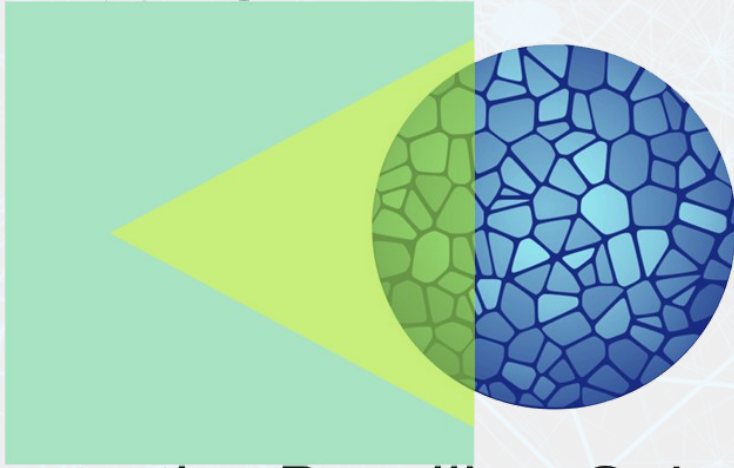


# Mapping the Human Body: Introducing the



# HUMAN CELL ATLAS

## to the Brazilian Scientific Community

**Registration:** [bit.ly/hca-icb](https://bit.ly/hca-icb)

### Opening

**08h30 - 08h40**

**Prof. Sylvio Canuto**

Provost of Research – USP  
Universidade de São Paulo,  
Sao Paulo, SP - Brasil

### Session 1: Introduction to the Human Cell Atlas

**08h40 - 09h10**

*"The Human Cell Atlas: An Opportunity To Transform Our Understanding Of Human Health and Disease"*

**Alex K. Shalek**

Pfizer-Laubach Career Development Associate Professor  
Institute for Medical Engineering & Science,  
Department of Chemistry, and Koch Institute, MIT  
Ragon Institute | Broad Institute | HMS | MGH  
Cambridge, MA, USA

**09h10 - 09h40**

*"Spatially resolved omics and imaging in the Human Cell Atlas"*

**Musa M. Mhlanga**

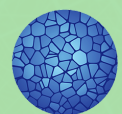
Honorary Professor  
Division of Chemical, Systems & Synthetic Biology  
Department of Integrative Biomedical Sciences,  
Institute for Infectious Disease & Molecular Medicine (IDM)  
Faculty of Health Sciences  
University of Cape Town, Cape Town, South Africa

**09h40 - 10h10**

*"CZI's Support of Single Cell Biology and the Human Cell Atlas"*

**Jonah Cool**

Science Program Officer  
Program Lead, Human Cell Atlas  
Chan Zuckerberg Science Initiative



HUMAN  
CELL  
ATLAS





## Session 2: Brazilian Panorama

**10h10 - 10h30**

*"How can HCA contribute to translational research in tropical diseases"*

**Lucio Freitas-Junior**

Institute of Biomedical Sciences

University of São Paulo

Sao Paulo, SP - Brasil

**10h30 - 10h50**

*"Lessons from the Yellow Fever outbreak in Brazil"*

**Esper Kallas**

School of Medicine

University of São Paulo

Sao Paulo, SP - Brasil

**10h50 - 11h10**

*"Emerging Virus Infection at Single Cell Level"*

**Helder Nakaya**

School of Pharmacy

University of São Paulo

Sao Paulo, SP - Brasil

**11h10 - 11h30 Coffee Break**

**11h30 - 11h50**

*"Modeling infectious and genetic CNS diseases using human cells"*

**Patrícia Braga**

Institute of Biomedical Sciences

University of São Paulo

Sao Paulo, SP - Brasil

**11h50 - 12h10**

*"Instituto do Cancer do Estado de Sao Paulo (ICESP/HCFMUSP), a hub for cancer research at USP"*

**Roger Chamas**

School of Medicine

University of São Paulo

Sao Paulo, SP - Brasil

**12h10 - 12h30**

*"Single-Cell Genomics: a new frontier in cancer therapy"*

**Wilson Araujo**

School of Medicine - Ribeirao Preto

University of São Paulo

Ribeirão Preto, SP - Brasil

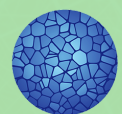
**12h30 - 12h50**

*"Human cancer studies: going beyond the tumor cell"*

**Emmanuel Dias Neto**

AC Camargo Cancer Center

Sao Paulo, SP - Brasil



HUMAN  
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