

# HUMAN CELL ATLAS

HCA MEETING  
WELLCOME TRUST  
LONDON, UK

OCTOBER 13–14, 2016

**Thursday, October 13, 2016**

9:00–9:30 **Registration**

9:30–10:30 **Plenary Session 1: Vision**

Welcome and opening remarks

Historical perspective

Human Cell Atlas: Why?

Human Cell Atlas: Design considerations

Michael Stratton

Eric Lander

Aviv Regev

Sarah Teichmann

10:30–10:45 **Break**

10:45–12:30 **Plenary Session 2: Biological Areas**

Session chair and panel moderator

Immunology

Cancer

Epithelia

Brain and nervous system

Developmental biology and stem cells

Team science

Ramnik Xavier

John Bell

Roland Eils

Hans Clevers

Arnold Kriegstein

Fiona Watt

Cori Bargmann

12:30–1:30 **Lunch**

1:30–3:00 **Plenary Session 3: Technological and Computational Approaches**

Session chair and panel moderator

Computation

Computation

Technology

Technology

Chris Ponting

Dana Pe'er

John Marioni

Stephen Quake

Garry Nolan

3:00–3:30 **Break**

3:30–4:30 **Biology Breakout Sessions**

Immunology

Cancer

Epithelia

Brain and nervous system

Developmental biology and stem cells

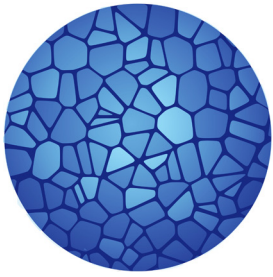
Discussion leader: Christophe Benoist  
Summarizer: Ton Schumacher

Discussion leader: Peter Campbell  
Summarizer: Padmanee Sharma

Discussion leader: Seung Kim  
Summarizer: Martijn Nawijn

Discussion leader: Ed Lein  
Summarizer: James Eberwine

Discussion leader: Wolf Reik  
Summarizer: Barbara Wold



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4:30–5:00 Break  
5:00–6:00 Breakout Summaries  
7:00 Pre-dinner reception  
7:30 Dinner, Wellcome Trust

## Friday, October 14, 2016

9:00–9:30 Registration  
9:30–10:30 Breakout Sessions  
How to get things done  
Funding  
Technology  
Computation and analytics

Discussion leader: Lars Fugger  
Summarizer: Mihai Netea  
Discussion leader: Andrea Beckel-Mitchener  
Summarizer: Michael Dunn  
Discussion leader: Sten Linnarsson  
Summarizer: Alex van Oudenaarden  
Discussion leader: Oliver Stegle  
Summarizer: Rahul Satija

10:30–11:00 Break  
11:00–12:00 Breakout Summaries  
12:00–2:00 Lunch  
2:00–4:00 White Paper Coordination: Presentation and Discussion  
Peter Campbell and Nir Hacohen