

LifeTime Conference 2.0 – Day 1 / June 16, 2021

01:00 - 01:15 PM (CEST)	Welcome & Introduction: Nikolaus Rajewsky and Geneviève Almouzni (LifeTime Coordinators)
07:00 - 07:15 AM (EDT)	
04:00 - 04:15 AM (PDT)	
01:15 - 01:45 PM (CEST)	Keynote Lecture: Ido Amit - Weizmann Institute of Science, Rehovot <i>The power of ONE: Immunology in the age of single-cell genomics</i>
01:45 - 01:55 PM (CEST)	Short Break
01:55 - 03:15 PM (CEST)	Session 1: Cell Type/State and Disease (Chairs: Laleh Haghverdi & Amos Tanay)
01:55 - 02:15 PM (CEST)	Holger Heyn - CNAG-CRG, Barcelona
02:15 - 02:35 PM (CEST)	Alison Simmons - NDM/University of Oxford, Oxford
02:35 - 02:55 PM (CEST)	María Rodríguez - IBM Research Europe, Zurich
02:55 - 03:05 PM (CEST)	Selected Short Talk 1
03:05 - 03:15 PM (CEST)	Selected Short Talk 2
03:15 - 03:30 PM (CEST)	Short Break
03:30 - 04:30 PM (CEST)	Poster Presentations & Sponsor Sessions
04:30 - 06:20 PM (CEST)	Session 2: Models for Disease Mechanisms (Chairs: Prisca Liberali & Giuseppe Testa)
04:30 - 04:50 PM (CEST)	Mina Gouti - MDC, Berlin <i>Building advanced human neuromuscular organoid models to study disease</i>
04:50 - 05:10 PM (CEST)	Meritxel Huch - MPI-CBG, Dresden <i>Liver organoids for the study of disease mechanisms</i>
05:10 - 05:30 PM (CEST)	Stéphanie Descroix - Institut Curie, Paris
05:30 - 05:40 PM (CEST)	Short Break
05:40 - 06:00 PM (CEST)	Hervé Chneiweiss - CNRS/INSERM, Paris <i>Developing the ethical guidelines for the use of organoids and organ-on-chips</i>
06:00 - 06:10 PM (CEST)	Selected Short Talk 3
06:10 - 06:20 PM (CEST)	Selected Short Talk 4

LifeTime Conference 2.0 – Day 2 / June 17, 2021

12:00 - 12:05 PM (CEST) |
 06:00 - 06:05 AM (EDT) | **Opening Remarks:** Nikolaus Rajewsky and Geneviève Almouzni (LifeTime Coordinators)
 03:00 - 03:05 AM (PDT) |

12:05 - 01:25 PM (CEST) | **Session 3: Heterogeneity and Plasticity (Chairs: Giacomo Cavalli & Céline Vallot)**

12:05 - 12:25 PM (CEST) | **Oliver Stegle** - EMBL-EBI, Hinxton & EMBL/DKFZ, Heidelberg

From genotype to phenotype with single-cell resolution

12:25 - 12:45 PM (CEST) | **Jean-Christophe Marine** - VIB-KU, Leuven

Nongenetic mechanisms of cancer evolution and therapy resistance

12:45 - 01:05 PM (CEST) | **Ephraim Kenigsberg** - ISMMS, New York City

01:05 - 01:15 PM (CEST) | **Selected Short Talk 5**

01:15 - 01:25 PM (CEST) | **Selected Short Talk 6**

01:25 - 01:40 PM (CEST) | **Short Break**

01:40 - 02:40 PM (CEST) | **Poster Presentations & Sponsor Sessions**

02:40 - 04:00 PM (CEST) | **Session 4: Tissue Organization and Spatial Analyses (Chairs: Leeat Keren & John Marioni)**

02:40 - 03:00 PM (CEST) | **Nikolaus Rajewsky** - BIMS/MDC, Berlin

03:00 - 03:20 PM (CEST) | **Patrik Verstreken / Carles Calatayud Aristoy** - VIB-KU, Leuven

Probing Parkinson's Disease with Induced Human Microcircuits on CMOS Chips

03:20 - 03:40 PM (CEST) | **Anne Rios** - Princ. Máxima Center f. Pediatric Oncology, Utrecht

Behavioral-transcriptomic landscape of engineered T cells targeting cancer organoids

03:40 - 03:50 PM (CEST) | **Selected Short Talk 7**

03:50 - 04:00 PM (CEST) | **Selected Short Talk 8**

04:00 - 04:10 PM (CEST) | **Short Break**

04:10 - 05:10 PM (CEST) | **Session 5: New Cell-based Diagnostics and Therapies (Chairs: Angelika Eggert & Mihai Netea)**

04:10 - 04:30 PM (CEST) | **Martijn Nawijn** - UMCG, Groningen

04:30 - 04:50 PM (CEST) | **Joachim Schultze** - DZNE, Bonn

Disease trajectories and molecular phenotypes exemplified by COVID-19

04:50 - 05:00 PM (CEST) | **Selected Short Talk 9**

05:00 - 05:10 PM (CEST) | **Selected Short Talk 10**

05:10 - 05:15 PM (CEST) | **Short Break**

05:15 - 05:55 PM (CEST) | **Industry Panel Discussion (Chair: Joachim Schultze)**

Michael Schnall-Levin, SVP R&D, Founding Scientist / 10X Genomics

Gary Kruppa, VP of Proteomics / Bruker Corporation (Bruker Daltonics Inc.)

Alex Wolf, Head of Applied Machine Learning / Cellarity

Joseph M. Beechem, CSO and SVP of R&D / Nanostring Technologies, Inc.

05:55 - 06:00 PM (CEST) | **Closing Remarks**