

Chromosomes in Crisis: From Chromosomal Instability to Catastrophes in Cancer Genomes Programme

Berlin, Germany

3 - 5 November 2026



Scientific Programme

Tuesday 3rd November 2026

Listed times are in Central European Time (CET)

- 11:30 REGISTRATION & WELCOME LUNCH
Light refreshments will be served at 12:00
- 13:00 CONFERENCE WELCOME
SESSION 1: GENETICS & GENOMICS
Chair: Aurélie Ernst
- 13:10 OPENING KEYNOTE
David Pellman
Harvard University & DFCI, USA
'Mechanisms driving the rapid evolution of genomes'
Q&A: 13:40 - 13:55
- 13:55 EMBO YOUNG INVESTIGATOR LECTURE
Aurélie Ernst
DKFZ, Germany
'Chromothripsis in cancer'
Q&A: 14:15 - 14:25
- 14:25 **Proffered Paper 1**
Q&A: 14:35 - 14:40
- 14:40 EXHIBITOR INTRODUCTIONS
- 14:50 COFFEE BREAK & EXHIBITION
- 15:20 **Nicholas McGranahan**
UCL, UK
'Order or chaos: deciphering lung cancer genome evolution'
Q&A: 15:40 - 15:50
- 15:50 **Serena Nik-Zainal**
University of Cambridge, UK
'Recent advances in indel and structural variation signatures'
Q&A: 16:10 - 16:20
- 16:20 MOLECULAR ONCOLOGY: CALL FOR CONTENT
- 16:30 POSTER SPOTLIGHTS
- 16:40 INDUSTRY SYMPOSIUM
Q&A: 17:00 - 17:10

- 17:10 **SPEED NETWORKING RECEPTION**
Invited speakers and the conference organizers will each host a table of participants, covering different topics for discussion.
- 17:50 **WELCOME RECEPTION**
- 18:20 **POSTER DISCUSSION SESSION 1**
Led by members of the Scientific Programme Committee

Wednesday 4th November 2026

Listed times are in Central European Time (CET)

- 08:15 **EARLY POSTER VIEWING**
- 08:45 **INDUSTRY SPOTLIGHT**
SESSION 2: CELL BIOLOGY
Chair: Renata Basto
- 09:00 **Renata Basto**
Institut Curie, France
'Biomechanical stress regulates stem cell divisions in the embryonic brain'
Q&A: 09:20 - 09:30
- 09:30 **Proffered Paper 2**
Q&A: 09:40 - 09:45
- 09:45 **Ofer Shoshani**
Weizmann Institute of Science, Israel
'Mechanisms and consequences of chromosome catastrophes in cancer'
Q&A: 10:05 - 10:15
- 10:15 **Daniele Fachinetti**
Institut Curie, France
'Causes and Consequences of Centromeric Instability'
Q&A: 10:35 - 10:45
- 10:45 **COFFEE BREAK & EXHIBITION**
- 11:15 **John Maciejowski**
MSKCC, USA
'Innate immune defenses in cancer'
Q&A: 11:35 - 11:45
- 11:45 **Proffered Paper 3**
Q&A: 11:55 - 12:00
- 12:00 **POSTER SPOTLIGHTS**
- 12:10 **INDUSTRY SYMPOSIUM**
Q&A: 12:30 - 12:40
- 12:40 **LUNCH**
- 13:30 **POSTER DISCUSSION SESSION 2**
Led by members of the Scientific Programme Committee

SESSION 3: TECHNOLOGIES & MODELS

Chair: Florian Markowetz

- 15:00 **Florian Markowetz**
CRUK Cambridge Institute, UK
'Measuring ongoing CIN from single-cell genomes'
Q&A: 15:20 - 15:30
- 15:30 **Proffered Paper 4**
Q&A: 15:40 - 15:45
- 15:45 **Proffered Paper 5**
Q&A: 15:55 - 16:00
- 16:00 **Jan Korbel**
EMBL, Germany
'Elucidating accelerated somatic genome evolution by coupling imaging and genomics'
Q&A: 16:20 - 16:30
- 16:30 COFFEE BREAK & EXHIBITION
- 17:00 **Sarah McClelland**
Barts Cancer Institute, Queen Mary University of London, UK
Q&A: 17:20 - 17:30
- 17:30 **Susanne Lens**
UMC Utrecht, Netherlands
'Understanding recurrent aneuploidy patterns in colorectal cancer'
Q&A: 17:50 - 18:00
- 18:00 PANEL DISCUSSION - CAREER JOURNEYS DECODED: FROM ACADEMIA, INDUSTRY, PUBLISHING AND BEYOND
Moderated by Renata Basto
- 19:30 CONFERENCE DINNER (OPTIONAL TICKETED EVENT)

Thursday 5th November 2026

Listed times are in Central European Time (CET)

- 08:15 EARLY POSTER VIEWING
- 08:45 INDUSTRY SPOTLIGHT
- SESSION 4: ONCOLOGY & CLINICAL OPPORTUNITIES
- Chair: Uri Ben-David
- 09:00 EMBO YOUNG INVESTIGATOR LECTURE
Uri Ben-David
Tel Aviv University, Israel
'Cancer aneuploidy: From tumor evolution to therapeutic opportunities'
Q&A: 09:20 - 09:30
- 09:30 **Beth Weaver**
McArdle Laboratory for Cancer Research, USA

'Leveraging chromosomal crisis to optimize anti-cancer therapy'

Q&A: 09:50 - 10:00

10:00 **Proffered Paper 6**

Q&A: 10:10 - 10:15

10:15 COFFEE BREAK & EXHIBITION

10:45 **Samuel Bakhoun**

Geisel School of Medicine at Dartmouth / Volastra Therapeutics, USA

'Chromosomal instability as a therapeutic target'

Q&A: 11:05 - 11:15

11:15 CLOSING KEYNOTE

Christina Curtis

Stanford University, USA

Q&A: 11:45 - 12:00

12:00 SUMMARY, AWARDS & CLOSE

12:15 DEPART