ecDNA and the Genomic Chaos of Cancer Programme

Virtual Event

23 - 24 February 2027

Scientific Programme

Tuesday 23rd February 2027

Listed times are in Central European Time (CET)

12:00 WELCOME TO DAY ONE

12:05 WHERE ARE WE NOW AND WHERE ARE WE GOING?

Our Scientific Programme Committee - Paul Mischel, Mariam Jamal-Hanjani and Isidro Cortes-Ciriano - will open the conference by looking at the past, present and future of the field.

SESSION 1: NEW DIRECTIONS FOR MECHANISTIC UNDERSTANDING OF ECDNA BIOLOGY

Chair: Paul Mischel

12:45 **Carolin Sauer**

The Vall d'Hebron Institute of Oncology (VHIO), Spain

'ecDNA as a dynamic biomarker for disease detection and monitoring from liquid biopsies'

Q&A: 13:05 - 13:15

13:15 **Proffered Paper 1**

Q&A: 13:25 - 13:30

13:30 REFRESHMENT BREAK

13:45 **Agnel Sfeir**

MSKCC, USA

'MMEJ Repair of Breaks at TA Repeats Maintains ecDNA and Cancer Fitness.'

Q&A: 14:05 - 14:15

14:15 **Proffered Paper 2**

Q&A: 14:25 - 14:30

14:30 **Proffered Paper 3**

Q&A: 14:40 - 14:45

14:45 FLASH TALKS SESSION 1

15:00 REFRESHMENT BREAK

15:15 **Kathy Burns**

Dana-Farber Cancer Institute, USA

'Our mobile genome on three timescales'

Q&A: 15:35 - 15:45

15:45 **Proffered Paper 4**

Q&A: 15:55 - 16:00

16:00 Proffered Paper 5

Q&A: 16:10 - 16:15

16:15 FLASH TALKS SESSION 2

16:30 SUMMARY AND CLOSE

Wednesday 24th February 2027

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12:00 WELCOME TO DAY TWO

SESSION 2: LEARNING FROM PATIENTS
Chair: Mariam Jamal-Hanjani

12:05 **Benjamin Werner**
Barts Cancer Institute, UK
'Extrachromosomal driven evolution of human cancers'

Q&A: 12:25 - 12:35

12:35 **Anton Henssen**
Max Delbruck Centre, Germany
'Micronuclear ecDNA constrains tumour cell fitness and is associated with favourable patient survival'

Q&A: 12:55 - 13:05

13:05 **Proffered Paper 6**

Q&A: 13:15 - 13:20

13:20 REFRESHMENT BREAK

13:35 **Nnennaya Kanu**
UCL, UK
'ecDNA emergence and persistence from early to late-stage lung cancer in TRACERx and PEACE'

Q&A: 13:55 - 14:05

14:05 **Proffered Paper 7**

Q&A: 14:15 - 14:20

14:20 FLASH TALKS SESSION 3

14:35 REFRESHMENT BREAK

SESSION 3: FROM MECHANISM TO TRANSLATION
Chair: Isidro Cortes-Ciriano

14:50 **Andrea Ventura**
MSKCC, USA

Q&A: 15:10 - 15:20

15:20 **Proffered Paper 8**

Q&A: 15:30 - 15:35

15:35 **James Chen**
UTSW, USA

Q&A: 15:55 - 16:05

16:05 FLASH TALKS SESSION 4

16:20 DISCUSSION SESSION

17:00 SUMMARY AND CLOSE