

Goodbye Flat Biology: Rethinking cancer in multiple dimensions Programme

Essen, Germany

14 - 16 September 2027



Scientific Programme

Tuesday 14th September 2027

Listed times are in Central European Summer Time (CEST)

- 11:30 REGISTRATION & WELCOME LUNCH
Light refreshments will be served at 12:00
- 12:00 CONFERENCE WELCOME
- SESSION 1:
Chair - Viola Vogel
- 13:10 OPENING KEYNOTE LECTURE
Matthew Garnett
The Sanger Institute and Mosaic Co-founder, UK
'Mapping Cancer Fitness: Dependencies, Cell States and Plasticity'
Q&A: 13:40-13:50
- 13:50 **Owen Sansom**
CRUK Scotland Institute, UK
'Modelling colorectal cancer, how good are our models for biology and therapeutic prediction?'
Q&A: 14:10-14:20
- 14:20 **Proffered Paper 1**
Q&A: 14:30-14:35
- 14:35 EXHIBITOR INTRODUCTIONS
- 14:50 COFFEE BREAK & EXHIBITION
Tea, coffee, biscuits
- 15:20 **David Bryant**
CRUK Beatson Institute, UK
'The cell biology of PTEN loss-induced tumour growth and metastasis acceleration'
Q&A: 15:40-15:50
- 15:50 **Louis Vermeulen**
University of Amsterdam and Genentech, Netherlands
'Outcompeting Cancer'
Q&A: 16:10-16:20
- 16:20 POSTER SPOTLIGHTS 1
- 16:30 INDUSTRY SYMPOSIUM
- 17:00 NETWORKING QUIZ

- 17:30 **WELCOME RECEPTION**
Light refreshments will be served
- 18:15 **POSTER DISCUSSION SESSION 1**

Wednesday 15th September 2027

Listed times are in Central European Summer Time (CEST)

- 08:15 **EARLY POSTER VIEWING**
- 08:45 **INDUSTRY SPOTLIGHT**
- Session 2: Chair - Laura Rosenberg**
- 09:00 **Danijela Vignjevic**
Institut Curie, France
'Mechanical forces inducing invasion of cancer cells'
Q&A: 09:20-09:30
- 09:30 **Proffered Paper 2**
Q&A: 09:30-09:40
- 09:45 **Bettina Weigelin**
Universitätsklinikum Tübingen, Germany
'Connecting cancer immunity across scales: from sublethal T cell hits to systemic immune response'
Q&A: 10:05-10:15
- 10:15 **Paul Timpson**
Garvan Institute, Australia
'Targeting pancreatic cancer fibrosis: improving response using intravital biosensor guided imaging'
Q&A: 10:35-10:45
- 10:45 **COFFEE BREAK & EXHIBITION**
Tea, coffee and biscuits
- 11:15 **Erik Sahai**
The Francis Crick Institute, UK
'Imaging therapy failure'
Q&A: 11:35-11:45
- 11:45 **Proffered Paper 3**
Q&A: 11:55-12:00
- 12:00 **POSTER SPOTLIGHTS 2**
- 12:10 **INDUSTRY SYMPOSIUM**
- 12:40 **LUNCH**
Light buffet lunch with tea, coffee, juice and water
- 13:30 **POSTER DISCUSSION SESSION 2**
- Session 3: Chair - Johanna Ivaska**
- 15:00 **Laura Rosenberg**
AstraZeneca Discovery Sciences, UK

'Beyond Flat Biology: Patient-Derived Organoids as a Scalable Platform for CRISPR and Drug Discovery'

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 **Shannon Turley**

Amgen, USA

tbc

Q&A: 16:20-16:30

16:30 **COFFEE BREAK & EXHIBITION**

Tea, coffee and biscuits

17:00 **Helene Salmon**

Institut Curie, Paris

'Using viable slices and tumor-on-chip to study fibroblast and macrophage impact on matrix remodeling and T cell distribution'

Q&A: 17:20-17:30

17:30 **PANEL DISCUSSION**

Laura Rosenberg, Shannon Turley, Louis Vermeulen

'Using the right models for clinical translation'

19:30 **CONFERENCE DINNER**

Optional ticketed dinner (external location)

Thursday 16th September 2027

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08:15 **EARLY POSTER VIEWING**

08:45 **INDUSTRY SPOTLIGHT**

Session 4: Chair - David Bryant

09:00 **Johanna Ivaska**

University of Turku, Finland

'Spatially controlled receptor-ligand crosstalk in cancer progression'

Q&A: 09:20-09:30

09:30 **Viola Vogel**

ETH Zurich, Switzerland

'The loss of fibronectin fiber tension is a hallmark of diseased ECM'

Q&A: 9:50-10:00

10:00 **Proffered Paper 6**

Q&A: 10:10-10:15

10:15 **COFFEE BREAK & EXHIBITION**

Tea, coffee and biscuits

10:45 Laura Delong Wood
Johns Hopkins University, USA
tbc

Q&A: 11:05-11:15

11:15 **CLOSING KEYNOTE LECTURE**

Valerie Weaver

UCSF, USA

'Leveraging insights from tissue tension studies to overcome treatment resistance in cancer'

Q&A: 11:45-11:55

11:55 **SUMMARY, AWARDS & CLOSE**

12:05 **DEPART**