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 Institue 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

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08:15 EARLY POSTER VIEWING

08:45 INDUSTRY SPOTLIGHT

Session 2: Chair - Laura Rosenburg

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**
Universitatsklinikum Tubingen, 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
'3D Anatomical and Molecular Characterization of Human Pancreatic Neoplasms'

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: 11:45-12:00

12:00 SUMMARY, AWARDS & CLOSE

12:15 DEPART