# Cancer Metabolism Programme

*Bilbao, Spain*
**6 - 8 October 2026**

## Scientific Programme

### Tuesday 6th October 2026

**Listed times are in Central European Summer Time (CEST)**

11:30 REGISTRATION (LIGHT REFRESHMENTS WILL BE SERVED AT 12:00)

13:00 CONFERENCE WELCOME

SESSION 1: CANCER - HOST METABOLIC COMMUNICATION
**Chair: Patricia Altea**

13:10 KEYNOTE LECTURE
**Marcia Haigis**
Harvard University, USA
'Role of metabolites in cancer, aging, and immunity'

Q&A 13:40 - 13:55

13:55 **Ayelet Erez**
Weizmann Institute of Science, Israel
'Rewiring Hepatic Metabolism Through Tumor–Host Interactions During Cancer Cachexia'

Q&A 14:15 - 14:25

14:25 **Giorgia Della Rocca**
Sapienza - University of Rome, Italy
Proffered Paper 1: 'Mitochondrial GPD2 orchestrates redox adaptation in colorectal cancer and its targeting exposes a vulnerability to LDH blockade and fasting'

Q&A 14:35 - 14:40

14:40 MOLECULAR ONCOLOGY CALL FOR CONTENT
**Kevin Ryan**
Molecular Oncology / FEBS

14:45 EXHIBITOR INTRODUCTIONS

14:55 COFFEE BREAK, EXHIBITION AND SOLO TRAVELLERS' MEET-UP

15:25 **Salvador Aznar-Benitah**
IRB Barcelona, Spain
'Endocrine role of metastasis in systemic energy-wasting and cachexia'

Q&A 15:45 - 15:55

15:55 **Almut Schulze**
DKFZ, Germany
'Targeting metabolic plasticity and flexibility in cancer'

Q&A 16:15 - 16:25

16:25 POSTER SPOTLIGHTS

Luca Campea (Italy) 'Metformin suppresses colorectal cancer by disrupting lysosome-mitochondria communication through a PEN2-NRF2 signaling module'

Justine Epiney (Switzerland) 'Targeting Long-Chain Fatty Acid Elongation Disrupts Cancer Membranes Organization and Triggers Anti-Cancer Immunity'

Blanca Majem Cavaller (Spain) 'Tumor- and liver-derived ApoE orchestrate an inter-organ lipid transport circuit that fuels metastatic growth, systemic inflammation, and cancer-associated cachexia'

16:35 INDUSTRY SPOTLIGHT - NUMIERA THERAPEUTICS
Led by members of the Scientific Programme Committee
**Izi Stoll**
Numiera Therapeutics
'Repositioning the CPT1 inhibitor etomoxir for the treatment of gliobastoma'

16:50 PANEL DISCUSSION - MEET THE EXPERT
**Lydia Finley (MSKCC, USA), Sarah-Maria Fendt (VIB-KU Leuven Centre for Cancer Biology, Belgium) and Kivanc Birsoy (Rockefeller University, USA)**

17:20 WELCOME RECEPTION

18:15 POSTER DISCUSSION SESSION 1
Led by members of the Scientific Programme Committee

## Wednesday 7th October 2026

**Listed times are in Central European Summer Time (CEST)**

08:15 EARLY POSTER VIEWING WITH COFFEE

08:45 INDUSTRY SPOTLIGHT - NVISION QUANTUM TECHNOLOGIES
Led by members of the Scientific Programme Committee
**Simon Bennett**
NVision Quantum Technologies
'Visualize Cancer Metabolism - As It Happens'

SESSION 2: METABOLIC SIGNALLING
**Chair: Arkaitz Carracedo**

09:00 **Christian Frezza**
University of Cologne, Germany
'Tissue-specific responses to fumarate hydratase loss'

Q&A 09:20 - 09:30

09:30 **Shiran Rabinovich**
The Francis Crick Institute, UK
Proffered Paper 2: 'Loss of TIGAR in Lung Tumours Promotes Metastasis by Boosting Cholesterol Uptake'

Q&A 09:40 - 09:45

09:45 **Patricia Altea**
CABIMER, Spain
'The signaling role of fatty acids in metastasis'

Q&A 10:05 - 10:15

10:15 **Alpaslan Tasdogan**
University Hospital Essen, Germany

'Metabolism - The new frontier in melanoma precision medicine'

Q&A 10:35 - 10:45

10:45 COFFEE BREAK AND EXHIBITION

11:15 **George Poulogiannis**
ICR, UK
'Deciphering the complexities of cancer metabolism for therapeutic gain'

Q&A 11:35 - 11:45

11:45 **Ivon Angelova**
University of Cambridge, UK
Proffered Paper 3: 'Dietary Restriction of Serine and Glycine Promotes Anti-Tumour Immunity in Triple-Negative Breast Cancer via cGAS-STING'

Q&A 11:55 - 12:00

12:00 POSTER SPOTLIGHTS

Rom Keshet (Israel) 'Tumor-reprogrammed LDL functions as a systemic messenger driving hepatic pre-metastatic niche formation'

Katarzyna Duzowska (Poland) 'Lipid-metabolic reprogramming of the tumor-adjacent tissue is associated with relapse in breast cancer'

Arata Hayashi (Israel) 'Pyrimidine Catabolism Generates Signaling Metabolites that Promote Aggressive Cancer Cell States'

12:10 LUNCH

13:10 POSTER DISCUSSION SESSION 2
Led by members of the Scientific Programme Committee

SESSION 3: ORGANELLE METABOLISM
**Chair: Lydia Finley**

14:40 **Luca Scorrano**
Universita Degli Studi Di Padova, Italy
'Keeping mitochondria in shape: a matter of cancer cell life and death'

Q&A 15:00 - 15:10

15:10 **Gilles Rademaker**
GIGA Cancer, University of Liege, Belgium
Proffered Paper 4: 'PCSK9-driven cholesterol metabolism dictates liver versus lung organotropism in metastatic PDAC'

Q&A 15:20 - 15:25

15:25 **Marzia Santamaria**
IFOM, Italy
Proffered Paper 5: 'Fasting induces ferroptosis by modulating lipid metabolism in breast cancer'

Q&A 15:35 - 15:40

15:40 **Kivanc Birsoy**
Rockefeller University, USA
'Understanding the role of organellar redox metabolism in physiology and disease'

Q&A 16:00 - 16:10

16:10 COFFEE BREAK AND EXHIBITION

16:40 **Marja Jäättelä**
University of Copenhagen, Denmark
'Targeting Lysosomes in Cancer Treatment'

Q&A 17:00 - 17:10

17:10 EMBO YOUNG INVESTIGATOR LECTURE
**Sara Sdelci**
Centre for Genomic Regulation, Spain
'Chromatin beyond epigenetics: a macromolecular metabolic sponge'

Q&A 17:30 - 17:40

17:40 PANEL DISCUSSION - THE RAPID IMPLEMENTATION OF AI IN RESEARCH
**Christian Frezza (University of Cologne, Germany), Marcia Haigis (Harvard University, USA), and Kevin Ryan (Molecular Oncology / FEBS)**

20:00 CONFERENCE DINNER (OPTIONAL TICKETED EVENT)

## Thursday 8th October 2026

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08:15 EARLY POSTER VIEWING WITH COFFEE

08:45 INDUSTRY SPOTLIGHT - AGILENT TECHNOLOGIES
Led by members of the Scientific Programme Committee
**Alfredo Caro-Maldonado**
Cell Analysis Field Application Scientist, Agilent Technologies
'Agilent solutions bring you the 3D Cell Analysis with Seahorse, xCELLigence eSight and cytation'

SESSION 4: LESSONS LEARNED FROM METABOLISM IN CANCER AND BEYOND
**Chair: Ayelet Erez**

09:00 **Lydia Finley**
MSKCC, USA
'Decoding metabolic signals during cell fate transitions'

Q&A 09:20 - 09:30

09:30 **Arkaitz Carracedo**
CIC bioGUNE, Spain
'The influence of cellular and systemic metabolism in prostate cancer progression'

Q&A 09:50 - 10:00

10:00 **Nicolas Rabas**
The Francis Crick Institute, UK
Proffered Paper 6: 'A metabolic link connecting cancer primed neutrophils, tissue regeneration and pro-metastatic tissue conditioning'

Q&A 10:10 - 10:15

10:15 COFFEE BREAK AND EXHIBITION

10:45 **Daniel Tennant**
University of Birmingham, UK

Q&A 11:05-11:15

11:15 THE EMBO KEYNOTE LECTURE

**Sarah-Maria Fendt**

VIB-KU Leuven Centre for Cancer Biology, Belgium

'Metabolic rewiring driving metastasis formation'

Q&A 11:45 - 12:00

12:00 SUMMARY, AWARDS AND CLOSE