**Cancer Metabolism Programme**  
*Bilbao, Spain*  
8 - 10 October 2024

**Scientific Programme**

**Tuesday 8th October 2024**

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

11:30  **REGISTRATION & WELCOME LUNCH**

13:00  **CONFERENCE WELCOME**

**SESSION 1: METABOLIC SIGNALLING IN CANCER**  
Chair: Matt Vander Heiden

13:10  **OPENING KEYNOTE LECTURE**  
*Eileen White*  
Rutgers Cancer Institute of New Jersey, USA  
"Metabolic alterations driving cancer cachexia"  
Q&A: 13:40-13:55

13:55  **Naama Kanarek**  
Boston Children’s Hospital / Harvard Medical School, USA  
"Pediatric leukemia in the Brain"  
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  **Christian Frezza**  
CECAD, Germany  
"The role of mitochondrial metabolism in cancer"  
Q&A: 15:40 - 15:50

15:50  **Arkaitz Carracedo**  
CIC Biogune, Spain  
"Metabolic and cell signalling interplay in cancer"  
Q&A: 16:10 - 16:20

16:20  **POSTER SPOTLIGHTS**  
3 top abstracts presented as 3-minute flash talks

16:30  **INDUSTRY SYMPOSIUM**

17:00  **MEET THE EXPERTS**  
*Naama Kanarek (Boston Children’s Hospital / Harvard Medical School, USA) | Mariia Yuneva (The Francis Crick Institute, UK) | Marcus Goncalves (Weill Cornell Medicine, USA)*  
Dr. Kanarek, Dr. Yuneva & Assist. Prof Goncalves will host an informal session where they will each share their own personal and professional experiences of
their paths to scientific leadership.

17:30 WELCOME RECEPTION
Drinks reception with buffet.

18:15 POSTER DISCUSSION SESSION 1

Wednesday 9th October 2024
Listed times are in Central European Summer Time (CEST)

08:15 EARLY POSTER VIEWING
Posters may be freely viewed

08:45 INDUSTRY SPOTLIGHT
SESSION 2: METABOLIC CROSS TALK WITH THE TUMOUR MICROENVIRONMENT
Chair: Arkaitz Carracedo

09:00 Elisabeth Letellier
University of Luxembourg, Luxembourg
“The role of the gut microbiome in shaping cancer metabolism”
Q&A: 09:20 - 09:30

09:30 Proffered Paper 2
Q&A: 09:40 - 09:45

09:45 THE EMBO KEYNOTE LECTURE
Karen Vousden
The Francis Crick Institute, UK
“Metabolic crosstalk between the tumour and the host”
Q&A: 10:05 - 10:15

10:15 Marcia Haigis
Harvard Medical School, USA
“The role of metabolites in cancer, aging and immunity”
Q&A: 10:35 - 10:45

10:45 COFFEE BREAK & EXHIBITION

11:15 Wilhelm Palm
DKFZ, Germany
“Metabolic stress adaptations in cancer”
Q&A: 11:35 - 11:45

11:45 Proffered Paper 3
Q&A: 11:55 - 12:00

12:00 POSTER SPOTLIGHTS
3 top abstracts presented as 3-minute flash talks

12:10 INDUSTRY SYMPOSIUM

12:40 LUNCH & EXHIBITION

13:40 POSTER DISCUSSION SESSION 2
SESSION 3: METABOLIC PROCESSES THAT INFLUENCE CANCER
PROGRESSION AND TREATMENT
Chair: Alexia-Ileana Zaromytidou

15:10 Martin Bergo
Karolinska Institutet, Sweden
"BACH1 regulation of tumor glycolysis and angiogenesis"
Q&A: 15:30 - 15:40

15:40 Proffered Paper 4
Q&A: 15:50 - 15:55

15:55 Proffered Paper 5
Q&A: 16:05 - 16:10

16:10 Mariia Yuneva
The Francis Crick Institute, UK
"Identifying metabolic vulnerabilities of tumour in vivo"
Q&A: 16:30 - 16:40

16:40 COFFEE BREAK & EXHIBITION

17:10 KJ Patel
Weatherall Institute of Molecular Medicine (University of Oxford), UK
"Endogenous formaldehyde – a toxic metabolic source and modulator of 1 Carbon metabolism"
Q&A: 17:30 - 17:40

17:40 Sarah-Maria Fendt
VIB-KU Leuven Centre for Cancer Biology, Belgium
"Metabolic rewiring driving metastasis formation"
Q&A: 18:00 - 18:10

18:10 MEET THE EDITORS
Join us in this session led by Dr Alexia-Ileana Zaromytidou, Chief Editor at Nature Cancer, to hear advice about the world of publishing in a relaxed and informal setting. Scheduled to end at 18:40.

20:00 CONFERENCE DINNER
The conference dinner will take place at Kafe Antzokia Restaurant. After dinner, we will enjoy music and dancing with a live DJ. Optional ticketed event.

Thursday 10th October 2024

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08:15 EARLY POSTER VIEWING
Posters may be freely viewed.

08:45 INDUSTRY SPOTLIGHT

SESSION 4: SYSTEMIC METABOLIC CHANGES AND CANCER PROGRESSION
Chair: Karen Vousden

09:00 Marcus Goncalves
Weill Cornell Medicine, USA
"Lung cancer induced metabolic derangements driving cachexia"
Q&A: 09:20 - 09:30
09:30  Alejo Efeyan  
CNIO, Spain  
“Nutrient signaling in cancer cells and in the stroma – the Goldilocks effect”  
Q&A: 09:50 - 10:00

10:00  Proffered Paper 6  
Q&A: 10:10 - 10:15

10:15  COFFEE BREAK & EXHIBITION

10:45  Matthew Vander Heiden  
Koch Institute for Integrative Cancer Research, USA  
“The influence of metabolism on cancer progression”  
Q&A: 11:05 - 11:15

11:15  CLOSING KEYNOTE LECTURE  
Ayelet Erez  
Weizmann Institute of Science, Israel  
“Exploring the tumor Macro-environment to improve cancer diagnosis and therapy”  
Q&A: 11:45 - 12:00

12:00  SUMMARY & AWARDS

12:10  DEPART