The Systemic Consequences of Cancer: Cancer as a Whole-body Disease Programme

Virtual Event

25 - 26 February 2025

EACR
European Association for Cancer Research
CONFERENCES
www.eacr.org

Scientific Programme

Tuesday 25th February 2025

Listed times are in Central European Time (CET)

13:00 WELCOME TO DAY ONE

Opening words: Marcus Goncalves

SESSION 1: TUMOUR AND HOST METABOLISM

Session Chair: Marcus Goncalves

13:05 **Ayelet Erez**
Weizmann Institute of Science, Rehovot, Israel
'Deciphering the metabolic complexity of tumor-host interactions to improve diagnosis and therapy'

13:25 Q&A 13:25-13:35

13:35 **Dimitrios Anastasiou**
The Francis Crick Institute, London, UK
'Roles of host metabolism in liver cancer'

13:55 Q&A 13:55-14:05

14:05 **Lorenza Bodo**
Molecular Biotechnology Center "Guido Tarone", Torino, Italy
Proffered Paper 1: 'Impaired cAMP/CREB1 signaling drives mitochondrial dysfunction in skeletal muscle during cancer cachexia'

14:15 Q&A 14:15-14:20

14:20 FLASH TALKS - SESSION 1
5 abstracts presented as 3-minute flash talks

14:40 REFRESHMENT BREAK

SESSION 2: CACHEXIA AND ANOREXIA

Session Chair: Eileen White

14:55 **Tobias Janowitz**
Cold Spring Harbor Laboratory, New York, USA
'Interorgan Communication in Cancer Cachexia'

15:15 Q&A 15:15-15-25

15:25 **Hannah Garner**
McGill University, Montreal, Canada
Proffered Paper 2: 'Understanding how breast tumours hijack myelopoiesis to promote immunosuppression and disease progression'

15:35 Q&A 15:35-15:40

15:40 POSTER SPOTLIGHTS

3 top-scoring abstracts each presented as a 5 minute talk with 5 minutes Q&A

16:10 **Danna Breen**
Pfizer, Cambridge, USA
'Revitalizing Hope: Ponsegromab's (anti-GDF-15) Potential for Breakthrough Targeted Treatment for Cancer Cachexia'

16:30 Q&A 16:30-16:40

16:40 FLASH TALKS - SESSION 2
4 abstracts presented as 3-minute flash talks

16:55 END OF DAY 1

Wednesday 26th February 2025

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14:00 WELCOME TO DAY TWO

SESSION 3: THE METASTATIC NICHE
Session Chair: Tobias Janowitz

14:05 **Thales Papagiannakopoulos**
NYU Langone Health, New York, USA
'A dietary switch promotes cancer-associated cachexia in lung cancer'

14:25 Q&A 14:25-14:35

14:35 FLASH TALKS - SESSION 3
5 abstracts presented as 3-minute flash talks

14:55 **Manuel Valiente**
CNIO, Madrid, Spain
'The brain metastatic niche as a source of systemic vulnerabilities and opportunities'

15:15 Q&A 15:15-15:25

15:25 **Anabel Eckerling**
Tel Aviv University, Tel Aviv, Israel
Proffered Paper 3: 'Sympathetic regulation of tumor secretome and anti-tumor immunity: Perioperative blockade of β-adrenergic and prostaglandin signaling limits metastatic progression'

15:35 Q&A 15:35 - 15:40

15:40 REFRESHMENT BREAK

SESSION 4: CANCER MODULATING IMMUNE RESPONSE
Session Chair: Eileen White

15:55 **Ye'ela Scharff**
Tel Aviv University, Tel Aviv, Israel
Proffered Paper 4: 'Complement signaling is a hallmark of inflammatory fibroblasts in chronic diseases and cancer'

16:05 Q&A 16:05-16:10

16:10 **Adrian Hayday**
Crick Institute, London, UK
'Bringing cancer immunotherapy to more cancers and to many more people'

16:30 Q&A 16:30 - 16:40

16:40 KEYNOTE LECTURE

William Kaelin

Dana-Farber Cancer Institute, Boston, USA

'Roles of HIF2 and PTHLH in Kidney Cancer-Associated Cachexia: Treatment with a First-In-Class Agent'

17:00 Q&A 17:00-17:15

17:15 DISCUSSION SESSION

Eileen White (Rutgers Cancer Institute of New Jersey, New Jersey, USA); Karen Vousden (Crick Institute, London, UK); Marcus Goncalves (Weill Cornell Medicine, New York, USA); Tobias Janowitz (Cold Spring Harbor Laboratory, New York, USA)

17:45 SUMMARY AND CLOSE