

Preliminary program

International Workshop "Microbes & Cancer: Unravelling the Connection for Innovative Therapies"

Madrid, June 13-14, 2024

Venue: CNB Auditorium

Thursday 13th June 2024

09:00-10:00 *Reception and registration.*

10:00-10:10 **Welcome by Organizers**

SESSION I *Microbiome and cancer*

Chair: **Dr. Luis Ángel Fernández**, CNB-CSIC, Madrid, Spain

Main talks (30+10 min)

10:10-10:50 **Dr. Fiona Powrie**, University of Oxford, Oxford, UK

Title

10:50-11:30 **Dr. Ana Cuenda**, CNB-CSIC, Madrid, Spain

Stress kinases in the regulation of microbiota and colon cancer

11:30-12:10 *Coffee break and Poster session*

12:10-12:50 **Dr. María Isabel Queipo-Ortuño**, University of Malaga, Malaga, Spain.

Role of the breast and intestinal microbiota in breast cancer and its response to treatment

Short talks selected from attendees (7+3 min)

12:50-13:00 **Selected talk 1 TBD**

13:00-13:10 **Selected talk 2 TBD**

13:10-14:40 *Lunch and Poster session*

SESSION II *Bacterial interactions with cancer and immune cells*

Chair: **Dr. Esteban Veiga**, CNB, Madrid, Spain

Main talks (30+10)

14:40-15:20 **Dr. Jens Puschhof**, Deutsches Krebsforschungszentrum, Heidelberg, Germany. ***Modelling Cancer-Microbe Interactions with Organoids and Organ Chips***

15:20-16:00 **Dr. Mar Valés-Gómez**, CNB-CSIC, Madrid, Spain. ***Long-term activation of anti-tumour innate lymphocytes after BCG-priming***

16:00-16:20 *Coffee break*

Main talk (30+10)

16:20-17:00 **Dr. Matthieu Rousseau**, Institut Cochin, Paris, France. ***Sex differences in immune responses to bladder cancer and urinary tract infection.***

Short talks selected from attendees (7+3)

17:00-17:10 **Selected talk 3 TBD**

17:10-17:20 **Selected talk 4 TBD**

17:20-18:30 *Poster session and Networking refreshments*

End of the first day

Friday 14th June 2024

SESSION III *Engineering bacteria for cancer therapies*

Chair: **Dr. Mar Valés**, CNB, Madrid, Spain

Main talks (30+10)

09:30-10:10 **Dr. María Lluch**, IBB, UAB, Barcelona, Spain. **Engineered MycoChassis to treat non-small cell lung carcinoma**

10:10-10:50 **Dr. Luis Ángel Fernández**, CNB-CSIC, Madrid, Spain. **Engineering E. coli for the targeted delivery of protein payloads to cancer cells**

10:50-11:20 *Coffee break and Poster session*

Main talks (30+10)

11:20-12:00 **Dr. Jerome Bonnet**, CBS CNRS, Montpellier, France. **Conditional control of bacteria cancer therapeutics**

Short talks selected from attendees (7+3)

12:00-12:10 **Selected talk 5 TBD**

12:10-12:20 **Selected talk 6 TBD**

12:20-13:20 *Lunch and Poster session*

SESSION IV *Bacteria and cancer immunotherapies*

Chair: **Dr. Ana Cuenda**, CNB, Madrid, Spain

Main talks (30+10)

13:20-14:10 **Dr. Roger Geiger**, IRB, Bellinzona, Switzerland. **Metabolic modulation of tumors with engineered bacteria for cancer immunotherapy**

14:10-14:50 **Dr. Nacho Aguiló**, School of Medicine, University of Zaragoza, Zaragoza, Spain. **Stimulation of antitumor lung immunity by intravenous administration of the live vaccine BCG.**

14:50-15:10 *Coffee break*

15:10-15:50 **Dr. Esteban Veiga**, CNB-CSIC, Madrid, Spain. **Next generation of cancer immunotherapies based on bacteria-instructed lymphocytes.**

Short talks selected from attendees (7+3)

15:50-16:00 **Selected talk 7 TBD**

16:00-16:10 **Selected talk 8 TBD**

16:10-16:40 **Round table and conclusions** "Challenges in microbes&cancer research"

End of the Workshop