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. Inflammation driven cancer: Host microbe interactions

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.
 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, 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