

MEETING AT THE INTERFACE BETWEEN CANCER AND MICROBIOLOGY WITH THE ICI AND IM2B UNIVERSITY INSTITUTES

When: Wednesday, October 11th, 2023

Where: Salle G. Morin, Institut de Microbiologie de la Méditerranée, 31 Chemin Joseph Aiguier, 13009 Marseille

Limited number of seats - Free admission and [REGISTRATION REQUIRED HERE](#)

8H30 - 9H00 WELCOMING BREAKFAST

9H00 - 9H15 INTRODUCTION

Marie-Thérèse GIUDICI-ORTICONI (BIP, Marseille) – IM2B (Institut Microbiologie, Bioénergies et Biotechnologie)

Alice CARRIER (CRCM, Marseille) – ICI (Institut Cancer et Immunologie)

09H15 - 10H15 SESSION 1: OXIDATIVE / METAL STRESS

Benjamin EZRATY (LCB, Marseille), Proteins facing oxidative stress.

Béatrice PY (LCB, Marseille) / Bénédicte BURLAT (BIP, Marseille): Iron-Sulfur clusters: in vivo biogenesis, in vitro studies and emerging roles in cancer.

Olga IRANZO (iSm2, Marseille): The doubled-edge sword of metal complexes for redox-mediated anticancer therapy.

Ludovic LELOUP (INP, Marseille), Oxidative stress in resistance to chemotherapy.

10h15 - 11H15 SESSION 2: METABOLISM / CELLULAR MECANISMS

Rafael ARGÜELLO (CIML, Marseille), Single-cell insights: Metabolism's role in sepsis and cancer.

Alice CARRIER (CRCM, Marseille) / (CRCM, Marseille), Redox metabolism in pancreatic cancer.

Mauro MODESTI (CRCM, Marseille), Inducing and repairing DNA double-strand breaks.

Vincent PAGÈS (CRCM, Marseille), DNA damage and mutagenesis: from micro-organisms models to cancer.

11h15 - 11H45 COFFEE AND NETWORKING

11H45 - 12H45 KEYNOTE LECTURE (live and streamed)

Eric OSWALD (IRSD, Toulouse): Colibactin and cancer: A complex relationship, a critical understanding.

12H45 - 14H00 LUNCH AND NETWORKING

14H00 - 15H00 SESSION 3: DRUG DESIGN - TRANSLATIONAL SYNTHETIC BIOLOGY: NANOMACHINES

Alessio BONUCCI (BIP, Marseille), Characterization of proteins implied in DNA repairing mechanisms exploiting SDSL-EPR spectroscopy.

Timothée CHANIER (CRCM, Marseille), Using viruses and bacteria to build new cancer immunotherapeutics.

Eric DURAND (LCB, Marseille), Bacterial nanomachines for cancer treatment.

Thomas MILLER (CRCM-IPC, Marseille) Small molecule drug discovery at CRCM; examples.

15H00 – 16H00 KEYNOTE lecture (streamed)

Raphael RODRIGUEZ (Institut Curie, Paris): Small molecules for the study of biology' approach applied to oncology.

16H00 - 17H00 COFFEE AND NETWORKING

17H00 CONCLUDING REMARKS

Eric CASCALES (LISM, Marseille) - IM2B and Jean-Paul BORG (CRCM, Marseille) - ICI