

ONCOBELL 2nd INTERNATIONAL SYMPOSIUM

“Building bridges between science and cancer medicine”

Barcelona, September 19-20th, 2022.

Program

Monday 19th

08:00 – 08:45 **Registration**

08:45 – 09:00 **Welcome**

09:00 – 10:00 **OPENING KEYNOTE LECTURE.**

Modeling prostate cancer metastasis in genetically engineered mouse models. **Cory Abate-Shen**, Columbia University Medical Center, New York, USA.

10:00 – 12:00 **SESSION 1: IMMUNE SYSTEM, INFLAMMATION AND CANCER.**

Chaired by: **Ramón Alemany**, Oncobell Program, IDIBELL.

- *CD137-based immunotherapy from bench to bed and back to the future.* **Ignacio Melero**, Clínica Universitaria de Navarra, Navarra, Spain.
- **Josep Maria Piulats**, Oncobell Program, IDIBELL.
- *Role of the ecosystem in hepatobiliary cancer progression.* **Gianluigi Giannelli**, National Institute of Gastroenterology "S. de Bellis" Research Hospital, Castellana Grotte, Italy.
- *Protumorigenic consequences of starvation in the tumor microenvironment.* **Cristina Muñoz-Pinedo**, Oncobell Program, IDIBELL.

12:00 – 12:30 **Coffee Break**

12:30 – 13:30 **ROUND TABLE: CLINICAL INNOVATION: TECHNOLOGY AND MANAGEMENT.**

Chaired by: **Ferran Guedea & Jordi Ponce**, Oncobell Program, IDIBELL.

- **Jean Bourhis**, CHUV, Paris.
- *Technological and process innovation. Robotics and enhanced recovery after surgery (ERAS).* **Jordi Ponce**, Oncobell Program, IDIBELL.
- *Digital Pathology as a tool to improve pathology workload, diagnosis and research. The example of DigiPATcs.* **Xavier Matias-Guiu**, Oncobell Program, IDIBELL.
- *Fast track recovery programme FEDER.*

13:30 – 16:00 **Poster Session & Lunch**

14:00 – 15:00 Even-numbered posters

15:00 – 16:00 Odd-numbered posters

16:00 – 18:00 **SESSION 2: DNA REPAIR AND GENOMICS IN CANCER.**

Chaired by: **Conxi Lázaro**, Oncobell Program, IDIBELL.

- *The chronic lymphocytic leukemia epigenome: biological insights and clinical applications.* **Iñaki Martín Subero**, IDIBAPS, Barcelona, Spain.
- *Latest insights into colorectal cancer predisposition.* **Laura Valle**, Oncobell Program, IDIBELL.
- *Understanding oncogenesis across biological scales: from individual mutations to tissue structure.* **Eduard Porta**, BSC, Barcelona, Spain.
- *Clinical implications of DNA repair defects in prostate cancer.* **Elena Castro**, IBIMA, Málaga, Spain.

Tuesday 20th

08:30 – 10:30 **SESSION 3: TARGETING OF SIGNALING PATHWAYS**

Chaired by: **Purificación Muñoz**, Oncobell Program, IDIBELL.

- *ER stress and inflammation pave the way to pancreatic cancer.* **Francisco X. Real**, CNIO, Madrid, Spain.
- *Identification of new oncogenic drivers involved in GTPase signaling.* **Xosé R. Bustelo**, CSIC, Universidad de Salamanca.
- *Understanding chemotherapy resistance in T cell Acute lymphoblastic leukemia.* **Anna Bigas**, IMIM, Barcelona, Spain.
- *Predictive Power of TGF- β Signaling in Cancer Therapy.* **Mary Helen Barcellos-Hoff**, University of California, (UCSF), USA.

10:30 – 11:00 **Coffee Break**

11:00 – 13:00 **SESSION 4: METASTASIS & RESPONSE TO THERAPY**

Chaired by: **Alberto Villanueva**, Oncobell Program, IDIBELL.

- *Imaging and targeting of premetastatic niches in melanoma.* **Marisol Soengas**, CNIO, Madrid, Spain.
- *Ovarian cancer dissemination relies on PDGFRs and S1PR1 for tumorsphere formation and proliferation.* **Francesc Viñals**, Oncobell Program, IDIBELL.
- *Breast Cancer metastasis cell fate.* **Roger Gomis**, IRB, Barcelona, Spain.
- *The amoeboid state as part of the epithelial to mesenchymal transition program in cancer.* **Vicky Sanz Moreno**, Barts Cancer Institute, QMUL, London, UK.

13:00 – 14:00 **CLOSING KEYNOTE LECTURE.**

Exploiting immune surveillance to target colorectal cancer evolution and mutability. **Alberto Bardelli**, IFOM, Candiolo, Italy.