

B-DEBATE

International Center
for Scientific Debate
BARCELONA



CANCER THERAPEUTIC RESISTANCE

PROGRESS AND PERSPECTIVES

Thursday, April, 7th, 2016

PRELIMINARY PROGRAM

COSMOCAIXA BARCELONA . C/ISAAC NEWTON, 26

9:00 **Welcome**

9:30 **SESSION 1: IMMUNOLOGY AND CANCER THERAPY**

Chairs: **Ramon Alemany** (ProCURE, ICO) and **Joaquín Arribas** (VHIO)

9:30 **Chemoimmunotherapy - a New Approach to treat Refractory Prostate and Liver Cancers**
Michael Karin, University of California San Diego, USA

10:15 **Targeting the Heterogeneity of Cancer with Individualized Neo-epitope Vaccines - Preclinical and Clinical insight**

Sebastian Kreiter, Johannes Gutenberg University, Mainz, Germany

11:00 **Viroimmunotherapy for Cancer Treatment**

Ramon Alemany, ProCURE, Catalan Institute of Oncology (ICO), Barcelona, Spain

11:30 **Coffee break**

12:00 **SESSION 2: GENETICS, EPIGENETICS AND MECHANISMS**

Chairs: **Oriol Casanovas** (ProCURE, ICO) and **Violeta Serra** (VHIO)

12:00 **Cancer Pharmacoeigenetics: Genes and Drugs**

Manel Esteller, Cancer Epigenetics and Biology Program, IDIBELL, L'Hospitalet de Llobregat, Spain

12:45 **Searching for new strategies to treat T-Acute Lymphoblastic Leukemia**

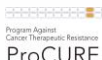
Anna Bigas, Hospital del Mar Medical Research Institute (IMIM), Barcelona, Spain

13:30 **Lunch**

14:30 **THINK-TANK: CAVEATS/OPPORTUNITIES TO IMPROVE THE TRANSLATION TO THE CLINIC**

Chairs: **Josep Corbella** (La Vanguardia), **Joaquín Arribas** (VHIO) and **Alberto Villanueva** (ProCURE, ICO)

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16:30 Coffee break

17:00 SESSION 3: MOLECULAR CLASSIFICATION AND THERAPEUTIC TARGETING

Chairs: **Ramon Salazar** (ICO) and **Josep Tabernero** (VHIO)

17:00 Dissecting Colorectal Cancer in Multiple Subtypes

Rodrigo Dienstmann, Vall d'Hebron Institute of Oncology (VHIO), Barcelona, Spain

17:30 New Molecular Landscape in CRC. New Therapeutic Landscape?

Ramon Salazar, Catalan Institute of Oncology (ICO), Barcelona, Spain

18:00 Identification and Therapeutic Targeting of Poor Prognosis Subtypes in Colorectal Cancer

Eduard Batlle, Institute for Research in Biomedicine (IRB), Barcelona, Spain

18:30 Microenvironment-mediated Chemotherapy resistance in Colorectal Cancer

David G Molleví, Catalan Institute of Oncology (ICO), Barcelona, Spain

19:00 Welcome Cocktail and CosmoCaixa visit

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8:30 SESSION 4: CANCER OMICS AND THERAPEUTICSChairs: **Miguel Angel Pujana** (ProCURE, ICO) and **Héctor G Palmer** (VHIO)**8:30 Genomic Analysis of Therapy Response and Resistance****Elaine Mardis**, McDonnell Genome Institute, Washington University, USA**9:15 Systemic Approaches to Identify Cancer Targets****William Hahn**, Broad Institute, Dana-Farber Integrative Cancer Biology Program, Cambridge, USA**10:00 Coffee break****10:30 Patient-derived Tumour Explants as a Robust Pharmacogenomic Platform for Pre-clinic Drug Testing****Carlos Caldas**, University of Cambridge, UK**11:15 Co-Activation of STAT3 and Src-Notch Pathways in EGFR Mutant Lung Cancer****Rafael Rosell**, Catalan Institute of Oncology (ICO), Barcelona, Spain**12:30 Diagnostic and Therapeutic Implications of unconventional Protein secretion in Cancer****Josep Villanueva**, Vall d'Hebron Institute of Oncology (VHIO), Barcelona, Spain**13:00 Lunch****14:00 SESSION 5: MOLECULAR SIGNALING AND MODELS**Chairs: **Alberto Villanueva** (ProCURE, ICO) and **Josep Villanueva** (VHIO)**14:00 A Vulnerability of BRAF Resistant Melanoma with Potential Clinical Utility****René Bernards**, Netherlands Cancer Institute (NKI), Amsterdam, The Netherlands**14:45 Targeting the MAPK Pathway in K-RAS Mutant Tumors. Challenges and Opportunities****Mariano Barbacid**, Centro Nacional de Investigaciones Oncológicas (CNIO), Madrid, Spain

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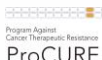
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- 15:30 **Restoration of DNA Homologous Recombination (HR) Funcionality as a major Mechanism of PARP inhibitor Resistance in HR-deficient Breast Cancer**
Violeta Serra, Vall d'Hebron Institute of Oncology (VHIO), Barcelona, Spain
- 16:00 **Otrho-xenograft Models and Personalized Medicine**
Alberto Villanueva, (ProCURE, ICO), Barcelona, Spain
- 16:30 **Coffee break**
- 17:00 **SESSION 6: STEM CELLS AND MALIGNIZATION**
Chairs: **David G Molleví** (ProCURE, ICO) and **Oriol Casanovas** (ProCURE, ICO)
- 17:00 **A Stem Cell-like Program in Therapeutic Resistance**
Miguel Angel Pujana, ProCURE, ICO, Barcelona, Spain
- 17:30 **The Role of Cancer Stem Cells in the Inhibition of mTOR signaling in HCC**
George Thomas, Bellvitge Biomedical Research Institute, IDIBELL, L'Hospitalet de Llobregat, Spain
- 18:00 **New Pre-clinical Models to study Target-directed Drugs in advanced Colorectal Cancer**
Hector G Palmer, Vall d'Hebron Institute of Oncology (VHIO), Barcelona, Spain
- 18:30 **Therapeutic Resistance to Antiangiogenics: Evasion and Escape**
Oriol Casanovas, ProCURE, ICO, Barcelona, Spain
- 19:00 **Closing and Conclusions**

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