

CANCER MODELLING MEETING

Santiago de Compostela

21 JUNE

roche-chus.es

Link to
[registration form](#)



Organizers: *Roberto Piñeiro Cid* and *Miguel Abal Posada*

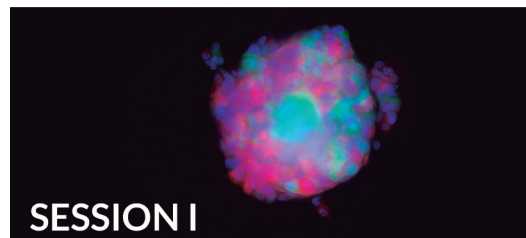
CANCER MODELLING MEETING



Venue

Theatre Room, Centro de Investigación en Medicina Molecular y Enfermedades Crónicas (CIMUS), Santiago de Compostela.

09:30 Welcome and introduction to the Roche-Chus Joint Unit



SESSION I

IN SILICO APPROACHES TO ONCOLOGY RESEARCH

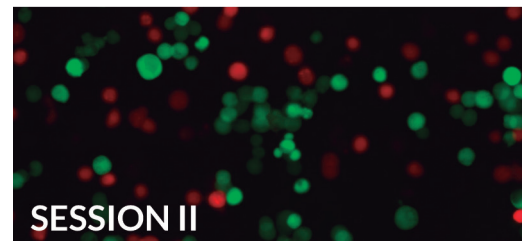
09:45 *Modelling the Complexity of Drug Resistance in Cancer.*

Dr. Arturo Alvarez-Arenas Alcamí
Mathematical oncology Laboratory, MòLAB.
Universidad de Castilla-La Mancha, UCLM.
Ciudad Real (Spain).

10:30 *In silico models of cancer cell metastasis: from local invasion to extravasation.*

Dr. José Manuel García Aznar
Multiscale in Mechanical and Biological Engineering. Universidad de Zaragoza.
Zaragoza (Spain).

11:15 *Coffee break.*



SESSION II

UNDERSTANDING TUMOUR NICHE THROUGH IN VITRO MODELS

11:45 *3D cell culture strategies to model cancer microenvironment dynamics.*

Dr. Catarina Brito
Advanced Cell Models Laboratory, Instituto de Biologia Experimental e Tecnológica, iBET;
ITQB Nova. Oeiras (Portugal).

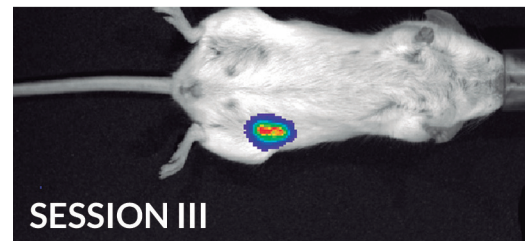
12:30 *TGF β drives immune evasion in genetically reconstituted colon cancer metastasis.*

Dr. Daniele Tauriello
Colorectal cancer laboratory, Institute for Research in Biomedicine, IRB Barcelona (Spain).

13:15 *Interplay between senescence and reprogramming, and its implications for cancer.*

Dr. Manuel Serrano
Cellular Plasticity and Disease, Institute for Research in Biomedicine, IRB Barcelona (Spain).

14:00 *Lunch.*



SESSION III

ANIMAL MODELS IN CANCER RESEARCH

15:00 *Patient derived orthoxenografts for the development of personalized oncology strategies.*

Dr. Alberto Villanueva
Chemoresistance and Predictive Factors Laboratory, Instituto de Investigación Biomédica de Bellvitge, IDIBELL (Spain).

15:45 *A zebrafish xenograft platform to predict tumour aggressiveness and responses to chemotherapy in breast cancer patients.*

Dr. Maria Luisa Cayuela
Telomerase, Aging and Cancer Group, Instituto Murciano de Investigación Biosanitaria Virgen de la Arrixaca, IMIB.
Murcia (Spain).

16:30 *Development of a functional assay for personalised chemotherapy using zebrafish.*

Dr. Miguel Godinho Ferreira
Telomeres and Genome Stability Group.
Instituto Gulbenkian de Ciência. Oeiras (Portugal).