

SEMINARIOS IRYCIS 2024

Exploiting the inherent characteristics of pancreatic cancer stem cells for precision medicine

(seminario en inglés)

Bruno Sainz

Cáncer

24 OCTUBRE 2024 10:00h

Aula Maxi Lozano (Planta 7 Dcha) y on line (Zoom)

Dr. Sainz is a Research Scientist in the Department of Cancer Biology at the Instituto de Investigaciones Biomédicas (IIB) "Alberto Sols" CSIC-UAM with a co-appointment at the Ramón y Cajal Institute for Health Research (IRYCIS), where he is also Co-Director of Cancer Area 3. Dr. Sainz obtained his PhD in Microbiology and Immunology from Tulane University in New Orleans, LA, USA in 2005. During the beginning of his career, Dr. Sainz studied numerous RNA and DNA viruses at the level of viral entry and innate immune (i.e. Interferon response) activation and evasion. In 2011 Dr. Sainz began working on pancreatic cancer and cancer stem cells after joining the Spanish National Cancer Research Centre (CNIO) as a Staff Scientist. Since 2014 he leads the Cancer Stem Cells and Tumor Microenvironment group at the IIB, which focuses on the study of cancer stem cells (CSCs) and the fibroinflammatory microenvironment in pancreatic ductal adenocarcinoma (PDAC). He is also the head of the Biomarkers and Personalized Approach to Cancer (BIOPAC) Group at the IRYCIS. The accomplishments and research of Dr. Sainz's group have resulted in more than 100 publications, several awarded US (Cancer Research Institute, Concern Foundation), Spanish (ISCIII, AECC, ACANPAN, Beca FERRO) and European (EURO-NanoMed, TRANSCAN3) grants, 3 patent applications, numerous invited talks and presentations, editorial affiliations and international recognition.