

Monday, March 20th, 2023

3:00pm (CET) / Login: <https://umontpellier-fr.zoom.us/j/98067586810>

Epigenetic influence of our (fatty) diet on metastatic-initiating cells



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Biography

Salvador Aznar Benitah obtained his Honours Degree in Molecular Biology and Biochemistry at McGill University (Montreal, Canada) in 1998. He then obtained his PhD studies in 2003 in Molecular Oncology at the Biomedical Research Institute in Madrid (Spain). In 2003 he moved to London as a postdoctoral fellow in the laboratory of Prof. Fiona Watt at the London Research Institute (Cancer Research UK) where he became interested in studying the behavior of adult stem cells. He established his own lab at the Center for Genomic Regulation (CRG, Barcelona) in 2007 as a Junior ICREA researcher. In 2012 Salvador became an ICREA Research Professor. He is a Group Leader at IRB Barcelona since September 2013

Selected publications

The role of lipids in cancer progression and metastasis. Martin-Perez et al., **Cell Metab** 2022

Mitochondrial RNA modifications shape metabolic plasticity in metastasis. Delaunay et al., **Nature** 2022

The central clock suffices to drive the majority of circulatory metabolic rhythms. Petrus et al., **Sci Adv** 2022

Dietary palmitic acid promotes a prometastatic memory via Schwann cells. Pascual et al., **Nature** 2021

Repression of endogenous retroviruses prevents antiviral immune response and is required for mammary gland development. Avgustinova et al., **Cell Stem cell**, 2021