

BIOSKETCH

Óscar Fernández-Capetillo did his PhD in the University of the Basque Country working with mouse models of autoimmunity with Dr. Ana Zubiaga. For his postdoctoral stay he joined the group of André Nussenzweig, where he started to work on DNA repair, particularly focusing on the role of histone H2AX. In 2005, he joined CNIO to lead the Genomic Instability Group where he has been ever since. Initial works from the lab concentrated on exploring the role of replicative stress in cancer and ageing, for which the group combined cell biology, mouse models and drug development. More recently, the group has expanded to other areas such as mechanisms of drug resistance and neurodegenerative diseases. Since 2015 Oscar is the Director of the Molecular Oncology Programme at CNIO and a professor at the Karolinska Institute in Sweden.