



# SANDRA RODRÍGUEZ

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## SCIENTIFIC BIOGRAPHY

Sandra Rodríguez Perales is Head of the Molecular Cytogenetics and Genome Editing Core Unit at the Spanish National Cancer Centre (CNIO). In 2004 she obtained a PhD in Biological Sciences from the Complutense University of Madrid. Subsequently, she moved to the “Laboratory of Molecular Biology LMB-MRC” in Cambridge (UK) to work with Professor T.H. Rabbitts in the generation of animal models of chromosomal translocations associated with neoplastic processes. She then joined the National Centre for Cardiovascular Research (CNIC) where she worked in the Department of Regenerative Medicine in the field of gene therapy and human stem cells. She has a broad background in Genetics and Molecular Cytogenetics, with specific training and expertise in Genome Engineering and generation of cancer related cellular models. Her research interest includes the study the role of acquired chromosomal abnormalities in cancer through: (1) the molecular characterization of genetic and cytogenetic markers, and (2) the design of human stem cell models carrying chromosome rearrangements. Dr. Rodríguez-Perales has published more than 50 articles in international scientific journals, which have accumulated more than 1,800 citations, with h index of 22.