L. Francisco Lorenzo-Martín

https://orcid.org/0000-0003-4717-9338

Education

Bachelor's Degree

Biotechnology (University of Salamanca, Spain, 2008-2013)

Master's Degree

Cancer Biology and Clinics (University of Salamanca, Spain, 2013-2014)

Advanced Bioinformatic Analysis (University Pablo de Olavide, Spain, 2019-2021)

Doctoral Degree

Biosciences: Cancer Biology and Clinics and Translational Medicine (University of Salamanca, Spain, 2014-2019)

Positions

Predoctoral researcher (2014-2019)

Laboratory: RHO GTPase signaling (Prof. Xosé R. Bustelo)

Institution: Centro de Investigación del Cáncer (CIC, Salamanca, Spain)

Research: Rho exchange factors in the regulation of squamous cell stemness and carcinogenesis

Postdoctoral researcher (2020-2025)

Laboratory: Stem Cell Bioengineering (Prof. Matthias P. Lutolf)

Institution: École Polytechnique Fédérale de Lausanne (EPFL, Lausanne, Switzerland)

Research: Next-generation organoid systems for the modeling of colorectal cancer

Ramón y Cajal researcher (2025-Present)

Laboratory: Advanced Cancer Systems and Oncogenomics

Institution: University of Salamanca – Centro de Investigación del Cáncer (Salamanca, Spain)

Research: Next-generation organoid systems for the modeling of colorectal cancer

Selected publications

1. L. Francisco Lorenzo-Martín et al. Bioengineering mini-colons for ex vivo colorectal cancer research. *Nature Protocols*, 2025. In press.
2. L. Francisco Lorenzo-Martín et al. Mini-colon avatars of colorectal cancer patients enable long-term modeling of tumor–microenvironment complexity. *Nature Biotechnology*, 2024. PMID: 38956326.
3. L. Francisco Lorenzo-Martín et al. Spatiotemporally resolved colorectal oncogenesis in mini-colons ex vivo. *Nature*, 2024. PMID: 38658753.