

Biosketch: Ana Teijeiro obtained her PhD in Molecular Biosciences from the Autonomous University of Madrid (UAM) in 2020, where she investigated the role of the cytokine IL-17A in obesity, metabolic syndrome and hepatocellular carcinoma; under the supervision of Dr. Nabil Djouder at the Spanish Cancer Research Center (CNIO). In 2021, she joined the Laboratory of Dr. Yasmine Belkaid at the National Institutes of Health (NIH) in the US as an EMBO postdoctoral fellow, where her research has shifted toward understanding how breast cancer systemically rewires distant tissues to create environments permissive for metastasis. Her current work has uncovered how breast cancer remotely reprograms bone marrow immunity before metastatic colonization, revealing novel mechanisms that regulate metastatic susceptibility. Her long-term goal is to understand how immune and nutritional signals shape the bone marrow ecosystem to leverage these insights for cancer prevention and treatment.