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Biomarkers laboratory
Host: Jesús Ruiz-Cabello

Unraveling the complexity of pulmonary hypertension



Tuesday, 22nd October
12.00 p.m.

CIC biomaGUNE - Seminar Room

Pulmonary arterial hypertension (PAH) is a rare disease characterized by pulmonary artery (PA) remodeling and right ventricle (RV) failure. Despite significant advances in understanding PAH, the disease remains highly heterogeneous, with variability in clinical presentation and outcomes. Key factors contributing to this heterogeneity include sex, aging, and environmental factors such as diet or exercise. Our research group aims to explore the interplay between sex, diet, and aging on the pathophysiology of PAH, providing insights into how these variables contribute to disease heterogeneity. By analyzing parameters such as cardiac function, metabolism, vascular remodeling, right ventricular pressure, we aim to provide deeper insights into how these variables contribute to disease heterogeneity. Understanding these relationships is crucial for developing personalized therapeutic strategies tailored to patient-specific factors, potentially improving outcomes for those affected by this challenging disease.