

## SEMINARIOS IRYCIS 2024

# HIF signaling and metabolic reprogramming during the maturation of embryonic myocardium

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*Aula Maxi Lozano (Planta 7 Dcha) y on line (Zoom)*

**Dr. Silvia Martín Puig** graduated in Biochemistry in 1999 and in Biology in 2000 from Universidad Autónoma of Madrid (UAM), obtaining her PhD in Biochemistry also from UAM in 2004 focussed on the signaling pathways involved in the cellular response to hypoxia. After a short postdoctoral stay at Centro Nacional de Biotecnología as Juan de la Cierva researcher (CNB, CSIC), she performed an international Postdoctoral training (2006-2010) at the "Cardiovascular Research Center of Massachusetts General Hospital" (Boston, USA) studying cardiovascular development and regenerative medicine. In 2010 she returned to Centro Nacional de Investigaciones Cardiovasculares (CNIC, Spain) with a Miguel Servet I and II contracts to establish her independent research lines focused in exploring the role of hypoxia in cardiovascular development, disease and regeneration. Since 2021 Dr. Martín Puig obtained a permanent position as Científico Titular of CSIC and joined Instituto de Investigaciones Biomédicas Sols-Morreale. She has published in internationally recognized journals (Nature, Cell, Developmental Cell, Cell Stem Cell, etc), participated in reference international conferences, obtained more than 10 national and international projects as Principal Investigator, supervised 4 PhD students and several TFGs/TFMs projects, participated in national and international networks (CIBERES, Cardioboost, Reanima, LeDucq, etc