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University of Vigo
Nationality: Spanish

Orientation: Sustainable Use of Marine Resources
Specialization Area: Aquaculture
Research Area: 2.11 Biotechnology applied to aquaculture



PhD project: Mollusk cryopreservation and variability along development and species

Supervisors: Dr. Estefanía Paredes Rosendo (University of Vigo)
Dr. Jesús Souza Troncoso (University of Vigo)

Summary: study of parameters related to cryopreservation, study of the toxicity of cryoprotective agents, membrane permeability study, modelling, of the volumetric parameters described by Peter Mazur, development of cryopreservation protocols, comparison of results between three species of great commercial value in the Gaician region (*Mytilus galloprovincialis*, *Pecten maximus*, *Venerupis corrugata*).

