

KOD COD	Helmugako Erakundea Entidad Destino	Herrialdea País Destino	Erakunde Kolaboratzailea Entidad Colaboradora	Proiektua Proyecto	Beka Iraupena Duración Beca	Formakuntza Formación	Jarduera Actividad	Kopurua Cantidad
14179	UNIVERSITY OF JYVASKYLA Ecological assembly processes	FINLANDIA	UPV	Ecological assembly processes: a predictive framework for wood-inhabiting fungal metacommunities	6 meses en Destino 2 meses en Euskadi	Biología Biotecnología Ciencias Ambientales	In this project we will develop and apply novel empirical methods to synthesize how ecological assembly processes shape the dynamics and composition of species-rich fungal metacommunities at different spatial scales. We will combine observational and experimental data in a model system of fungal metacommunities located at the Konnevesi Research Station in Central Finland. The main study sites in an island system include 10 locations on the mainland and 20 locations on the islands, the latter chosen to represent variation in island area and isolation. A regular grid of cyclone samplers collecting aerial DNA data includes locations on top of open water where local sources can be excluded, enabling capturing dispersal. The main method of surveying the species rich fungal communities will be based on high-throughput sequencing of the aerial, soil, and wood-samples, to be conducted in collaboration with the Centre for Biodiversity Genomics (CBG) of University of Guelph (Canada). The wood-inhabiting fungal communities will also be visually surveyed. The inoculation and colonization experiments will provide direct data on specific assembly processes that are difficult to resolve from observational data, importantly the roles of stochasticity, dispersal, and biotic filtering. The data are combined with trait databases through joint species distribution modelling to resolve those traits that are directly relevant in ecological assembly processes.	2
14178	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE_RECODYN_Mouils	FRANCIA	BASQUE CENTRE FOR CLIMATE CHANGE (BC3)	RECODYN PROJECT	6 meses en Destino 2 meses en Euskadi	Biología Biotecnología Ciencias Ambientales	The trainee will spend time at Dr. Julien Cote's laboratory to assimilate modern techniques and methods used in mesocosm experiments, including experimental design, controlled manipulations, and sampling ecological communities and ecosystem functions. This will contribute to a project funded by the Spanish Ministry of Science & Innovation and by the European Social Fund investigating recovery dynamics of ecosystems in scenarios of climate change. This project will take place at Neiker facilities in Arkaute and Artikutza. / Previous experience with laboratory methods (processing plant and animal samples, biomass measurements). Previous experience in restoration science. Ability to identify groups of plants and insects.	1