

INFORMATION ABOUT THE PERSON FILLING THE FORM	
Name and family name	<i>Lorena Gómez Aparicio</i>
Research organization	<i>Institute of Natural Resources and Agrobiology (IRNAS-CSIC)</i>
Position in the organization	<i>Head of the SIFOMED (Mediterranean Forest Systems) research group</i>
Country	<i>Spain</i>
E-mail	<i>lorenag@irnase.csic.es</i>
FACILITY ¹	
Name of the facility	<i>Short name and complete name (Original language and English translation)</i> <i>Laboratory of Molecular Ecology</i>
Location of the facility	<i>Country: Spain</i> <i>Postal address: Avda Reina Mercedes 10, 41012 Seville</i> <i>UTM coordinates: Latitude/Longitude (37° 23' N/05° 58' W)</i>
Start date	<i>Year since the facility has been operative: 2011</i>
Type of facility	<i>Molecular Ecology Laboratory equipped for DNA analysis aimed to identification and diversity assessment of biological samples</i>
Keywords	<i>DNA barcoding, soil microbial diversity, T-RFLP, ectomycorrhiza, fungi, bacteria, archaea, oomycetes</i>
Scientific characteristics	<i>Assessment of soil and plant associated microbial diversities and its integration with non-molecular data for better understanding of biological processes taking place in Mediterranean forests.</i> <i>Interest for users: obtention of molecular data relevant to their research.</i> <i>No relevant particularities in comparison to similar facilities</i> <i>Research projects in the frame of which the facility is used (include web site address)</i> <i>- The role of plant-soil feedbacks in the dynamics of declining Quercus forests (RETROBOS). 2012-2014. CGL2011-26877, Spanish Ministry of Science and Innovation.</i> <i>Impact of wading birds on the biogeochemical cycles of Mediterranean forest ecosystems (BIOGEOBIRD). 2011-2014. Andalucía Regional Government.</i> <i>- The decline of cork oak forests in the Doñana National Park (DECALDO). 2009-2013. Ref. 091/2009. National Parks' Organism, Ministry of the Environment and Rural and Marine Affairs (http://www.irnase.csic.es/users/pajarera/home.php)</i>
Technical characteristics	<i>Thermocycler (Non Real-Time), agarose electrophoresis equipment, microcentrifuge, microplate reader (Fluostar Omega) for picogreen DNA cuantification, nanodrop, vortex.</i> <i>Measured parameters: DNA sequencing, terminal restriction fragment length polymorphism (T-RFLP).</i> <i>If there is any file, map or images relevant about this infrastructure, please attach it (indicating here the name of the file).</i>

¹ Note: This information could be published in the webpage of FORESTERRA.



FORESTERRA

Enhancing FOrest RESearch in the MediTERRAnean
through improved coordination and integration



SCIENTISTS AND/OR TECHNICIANS IN CHARGE OF THE FACILITY

Principal investigator	<i>Name and e-mail address</i> Luis Ventura García (ventura@cica.es)
One line for each additional person	<i>Name and e-mail address</i> Lorena Gómez Aparicio (lorenag@irnase.csic.es) Joaquín Espartero (espartero@irnase.csic.es)

ADMINISTRATIVE INFORMATION

Availability for participating in mutual measurements	Yes Luis Ventura García (ventura@cica.es)
	<i>Conditions or Policy of use</i>
Availability for accessing the data collected	Yes Luis Ventura García (ventura@cica.es)
	<i>Conditions or Policy of use</i>
Institution that manages the facility	IRNAS-CSIC http://www.irnase.csic.es/
Structure or institution which manages the data	IRNAS-CSIC http://www.irnase.csic.es/
Is the facility participating in a national or international Network?	No <i>URL address</i>
Is the facility open for transnational collaboration?	Yes