



MICR  GAIA

Microbiología y Biotecnología agrícola aplicada

Ofrecemos soluciones integrales microbiológicas para el suelo y la planta.

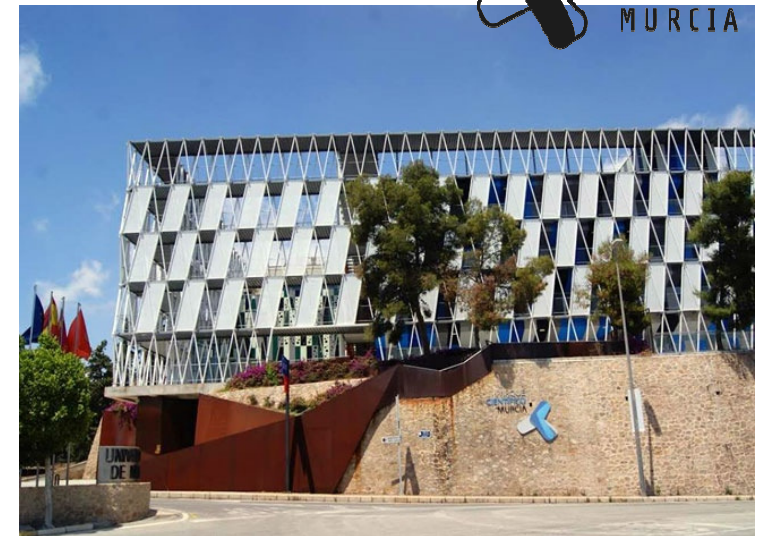
A través de la Investigación, Innovación y Desarrollo propios, ponemos a disposición de nuestros clientes soluciones agrícolas siempre con el objetivo de la mejora de los suelos y de la producción, a través del control de la microbiota del suelo y las plantas.

Técnicas de vanguardia

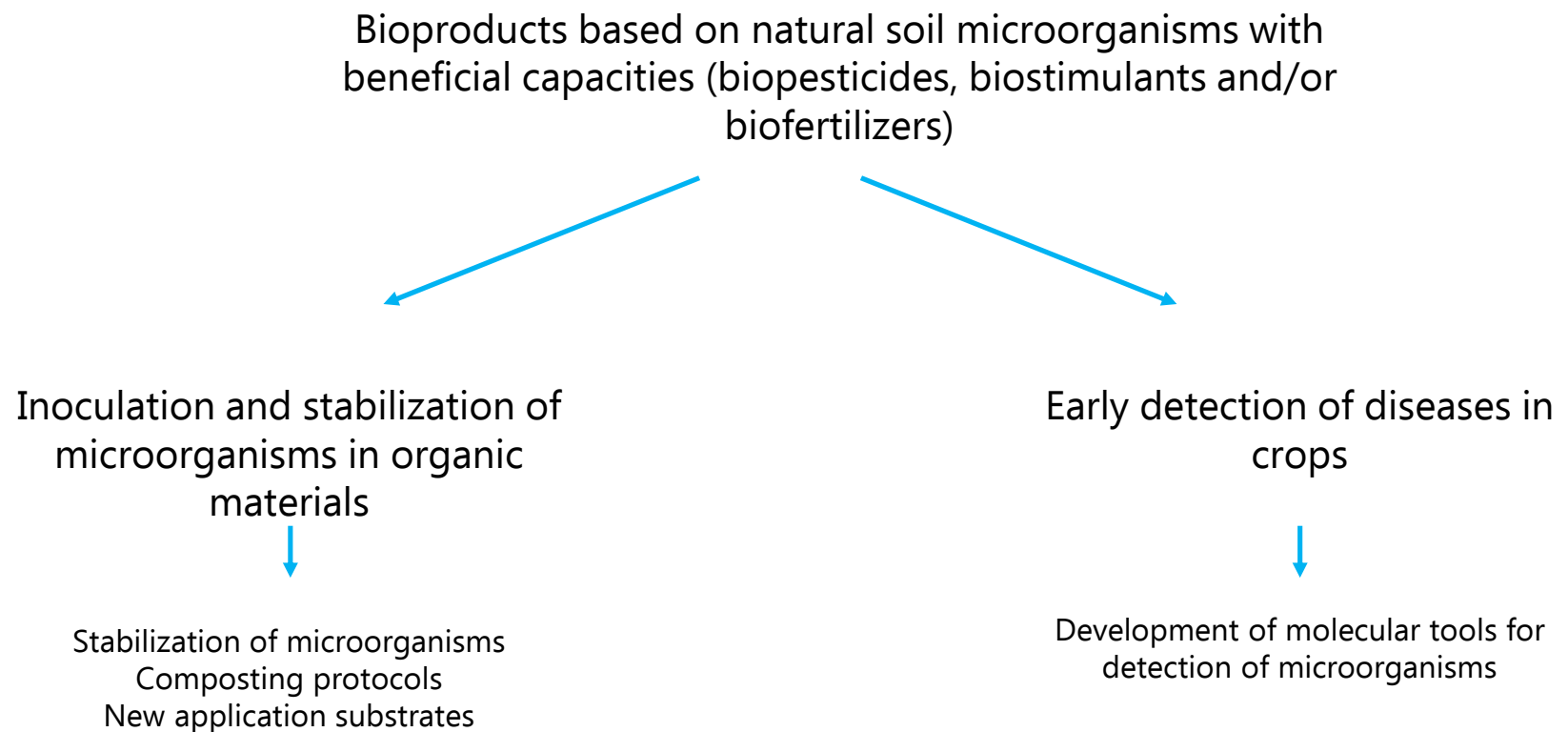
Más de 10 años trabajando y desarrollando aplicaciones basadas en las últimas tecnologías de PCR en Tiempo Real, Microarrays, secuenciación y genética.



PARQUE
CIENTÍFICO
MURCIA



Research and development





LIFE
SARMIENTO



HOME PROJECT NEWS ACTIONS AND RESULTS PRODUCTS AND DISSEMINATION LOCATION PARTNERS CONTACT ESPAÑOL



An **innovative solution** to reduce greenhouse gas emissions and **protect** agricultural soils.



LIFE Sarmiento project, supported by the EU's funding instrument for the environment and climate action (LIFE), seeks to solve the problem related to the management of annual **grapevine pruning (shoots or sarmientos in Spanish)** by transforming them in compost and adding the resulting product to soil as an organic amendment, thus preventing its burning and improving soil status.

PARTNERS



LIFE SARMIENTO is co-financed by the LIFE Program of the EU and has the following partners: **MICROGAIA**, as coordinator and project leader, the "**Nuestra Señora de El Rosario**" Cooperative, as responsible for pruned vine shoots collection and management, and **EuroVértice** as responsible for communication, management support and results assessment.

MICROGAIA
LIFE

Project leader. Responsible for the technical implementation and monitoring of the new management system and replication strategy.

Coordinator of: demonstration, replication, monitoring and management actions.

microgaia.eu

BODEGAS DE ROSARIO

Responsible for pruned vine shoot management, farmers training and contact with other cooperatives for project communication and replication.

Coordinator of: preliminary and pruned vine shoot management actions.

bodegasdelrosario.es

EUROVERTICE
LIFE

Responsible for communication and monitoring activities. Support to project management and results assessment.

Coordinator of: dissemination and communication actions.

eurovertice.eu

<http://lifesarmiento.eu/>





[Start](#) [Project](#) [Problem](#) [Goals](#) [Process](#) [Contact](#) [Private area](#) [Blog](#)

ANTICIPATE TO THE DISEASES OF YOUR CROPS

[Know how](#)

Para el desarrollo de este proyecto, Microgaia cuenta con la financiación Europea del programa: SME Instrument -2- 2016-2017 de Horizon 2020

(Veg Alert. Proposal 725026)



Veg Alert

VegAlert is an initiative of Microgaia Biotech, within the Horizon 2020 - SME Instrument -2- 2016-2017 program, which aims to generate a change in trend in terms of the current prevention of diseases in fruit and vegetable crops.

Vegalert is a tool that will allow you to convert the current systematic application of phytosanitary products into an objective application, based on real and reliable data on the phytosanitary status of crops.

<https://www.vegalert.es/>





MINISTERIO DE CIENCIA E INNOVACIÓN



Financiado por la Unión Europea NextGenerationEU



Plan de Recuperación, Transformación y Resiliencia



AGENCIA ESTADAL DE INVESTIGACIÓN



AgroGenDetec

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Estación Experimental del Zaidín
Spanish National Research Council (CSIC)
C/ Profesor Albareda 1 Granada 18008

+34 958526468
+34 958129600

info@agrogenetec.com
josecarlos.jimenez@eez.csic.es



ABOUT US PARTNERS OUR OBJECTIVES NEWS CONTACT

English Español



ABOUT US

AGROGENDETEC: NEW METHOD FOR THE DETECTION AND IDENTIFICATION OF PATHOGENS IN EARLY STAGES INFECTIONS OF CROPS WITH AGRO-INDUSTRIAL INTEREST

Diseases produced by plant pathogens, especially fungal pathogens, have a great impact on agriculture and its derived economy, as well as on the management of natural resources.

The movement of germplasm and any other plant material for use in agriculture, ornamentation and forestry may involve a great risk for the spread of diseases and pests. AgroGenDetec aims to develop a new method for detection and identification of fungal pathogens in early-stage infections by characterizing the "genetic fingerprint" of molecular elements that regulate the specific plant-pathogen interaction.

Currently, there is not a similar molecular tool/methodology capable of accurately perform the detection and identification of a large number of pathogens during earliest stages infections.

<https://www.agrogenetec.com/>





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+34 958526468
+34 958129600

info@agrogendetec.com
josecarlos.jimenez@eez.csic.es

PARTNERS

ENTITIES COLLABORATING IN THE DEVELOPMENT OF THE PROJECT

ESTACIÓN EXPERIMENTAL DEL ZAIDÍN



EEZ-CSIC is a research center that specializes in the study of plant biology, ecology and environment. The center is part of the Spanish National Research Council (CSIC) and is dedicated to promoting scientific research and innovation in these fields, with interdisciplinary studies and collaborations with other institutions and universities to advance scientific knowledge and contribute to the development of sustainable practices for agriculture and natural resources management.

CEBAS CSIC

CEBAS-CSIC strives to generate the necessary knowledge through research, in order to develop strategies that promote sustainability of the fragile resources found in semi-arid areas. The aim is to effectively manage these resources, and enable the production of high-quality agricultural products that are healthy and safe for consumption in such environments.



MICROGAIA BIOTECH



Microbiology and applied agricultural biotechnology technology-based company, emerged as a spin-off of CEBAS-CSIC, whose business base is to convert R&D&I results into bioproducts for use in environmentally friendly agriculture.

SynTech Research Group

Leading global provider of agricultural research, product positioning, development and innovation, registration and market support services worldwide.



PARQUE CIENTÍFICO DE MADRID



Non-profit foundation created in 2001 by UAM and UCM to promote innovative scientific and technological entrepreneurship and foster technology transfer.

BIOTECHVANA

Biotech company with more than 17 years of experience in bioinformatics and computational biology. With a strong background in omics research, it offers bioinformatics services and products on demand.



PAUDIRE

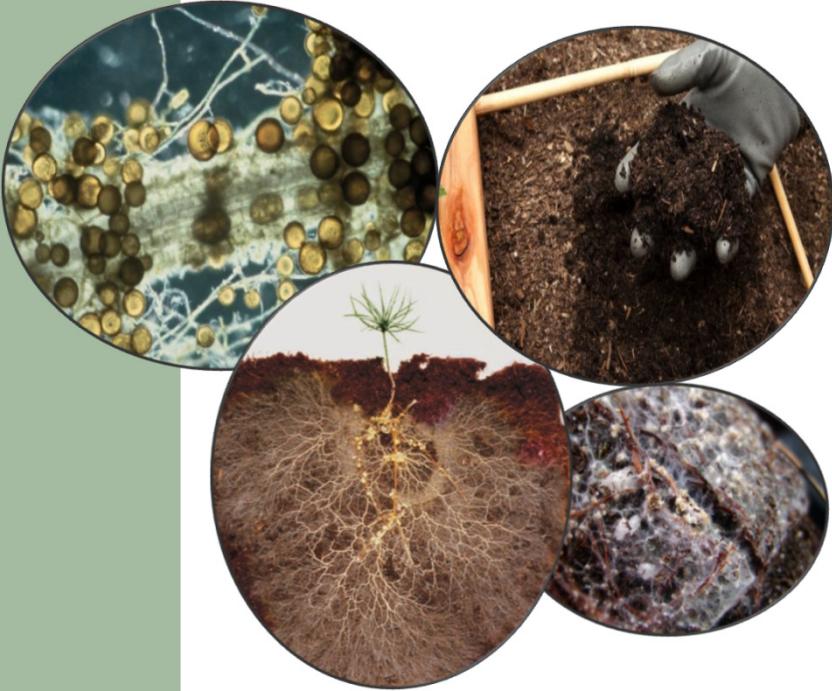


Specialized in generating and dynamizing relationships between researchers and research groups and private companies, as well as among themselves, in order to bring knowledge to the market and improve the competitiveness of companies.



<https://www.agrogendetec.com/>

MICROGAIA BIORGANICS



MICROGAIA PHYTODIAGNOSTICS



Thank you for
your attention



M I C R  G A I A

Parque Científico de Murcia Campus Universitario de Espinardo
Ctra. Madrid Km. 388
30100 Murcia

[968 114 051](tel:968114051)
microgaia.es

