

ZAHRA GHAHREMANI

Research interests

Agriculture, plant biotechnology and food industry

Education

PhD: (09/03/2015-27/07/2020)

Master's Degree: (23/09/2006-11/09/2009)

Undergraduate Degree: (23/09/1998-23/02/2003)

Experience in research (Notice that management and teaching activities are not considered)

- **PhD Researcher at Departament d'Enginyeria Agroalimentària i Biotecnologia, UPC, Castelldefels, Spain [Fulltime 03/2015-07/2020 (63 months)].**
 - Biological control approaches of *Meloidogyne* spp. in vegetable crops: from application of selected antagonistic strains (*Pochonia chlamydosporia* and *Bacillus firmus*) to suppressive soils. During my academic years, I carried out *in vitro* and *in vivo* studies using various cellular and molecular techniques such as DNA and RNA extraction techniques, qPCR, Real-Time qPCR, plant biochemistry, spectrophotometric assays, fluorescence and laser-scanning confocal microscope, and plant tissue culture.
- **Administrator at Garaje Mechanic., Tehran, Iran (84 months)].**
 - Management of correspondence and documentation files
 - Management billing
- **Senior expert at Mah Sima Company, Esfahan, Iran [Fulltime 06/2009-06/2012 (36 months)].**
 - Optimizing the tissue culture medium of woody plants
 - Carrying out tissue culture of fruitful and non-fruitful plants
 - Collecting different plant varieties from different parts of Iran to apply corrective methods and perform tissue culture
 - Presentation and implementation of research projects, analysis experimental data and reporting on the steps of the work, Preparation, adjustment and set-up tissue culture laboratory equipment

Sector of activity

Please write the name of sector your research/knowledge can be useful for: for example, food, mobility, health, etc.

Agriculture

Select the option/s about your profile

PhD and 2 additional years of full-time research experience: **No**

A minimum of 6 years of fulltime experience in research after Master's degree (*Notice that PhD studies are considered research experience*): **Yes**

Contact information

Contact Person: +34 611340917

Email address: zghahremani521@gmail.com