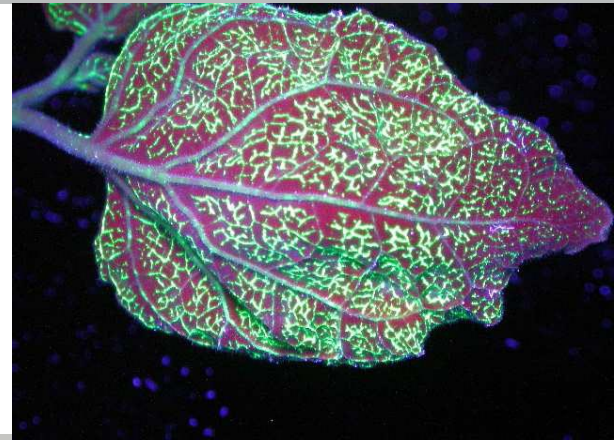


## ENVIRONMENTAL BIOTECHNOLOGY AND GENETICS OF AGRICULTURAL SYSTEMS



### INTRODUCTION

The members of this research group belong to the Genetics Unit in the Department of Cell Biology, Genetics and Physiology of the School of Sciences of the University of Malaga and to the Crop Protection Area of the Instituto de Hortofruticultura Subtropical y Mediterránea "La Mayora" (IHSM "La Mayora"). Its scientific activity is centred on the study of plant-pathogen interaction, mainly in the molecular genetics of plant-phytopathogenic bacteria and plant viruses.

### RESEARCH TOPICS

- Genetics and epigenetics of geminivirus-plant interaction.
- *Pseudomonas syringae*-bean and tomato interaction.
- *Salmonella*-plant interaction.
- Phenotypic variation of *Pseudomonas syringae* and *Salmonella* in plant.
- Regulation and resistance mechanisms in plants.

### SCIENTIFIC-TECHNICAL SERVICES

- Control and phytosanitary research strategies.
- Diagnosis of viruses and bacteria in plant species of agrofeeding interest.
- Detection of phytopathogenic viruses and bacteria.

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