

04 . ADVANCED COURSE ON QUARANTINE PLANT PATHOGENIC BACTERIA FOR THE EUROPEAN UNION

Venue: Instituto de Agricultura Sostenible. Alameda del Obispo. Córdoba

Director: Blanca B. Landa del Castillo (blanca.landa@csic.es)

Date: from 15th to 19th September 2014

Schedule: from 9:30AM to 2.30PM and from 4PM to 7PM

Objectives: To improve the training and specialization in quarantine phytopathogenic bacteria for the EU, and Spain in particular, and to offer an opportunity of offsetting the lack of specialized education on this discipline at university level. To achieve these objectives the course will address advanced and innovative topics in the field of phytobacteriology. The course is divided into three sections: (i) An update of fundamental and innovative aspects in bacterial plant pathogens and diseases (ii) Case studies of 10 quarantine plant pathogenic bacteria of major importance for the EU. For each of them we will address the nature of main losses and disease symptoms, as well as the biology, epidemiology, diagnosis and control measures; and (iii) Practicum to complement lectures on the theory of phytobacteriology. Practical sessions will be in the evening and will include demonstration of conventional and molecular-based protocols and techniques for the diagnosis and characterization of plant pathogenic bacteria. Finally, each student will conduct a practical case study to validate progress made in the course.

Deadline for applications: 7th September 2014

Academic profile of the applicants: Graduates on Biology, Agricultural Engineering, Forestry Engineering and Environmental Sciences, or students on the latest year of their degree

Teaching language: English and Spanish

Number of places: 20

Price: 50€

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<http://www.ceia3.es/en/academic-programs/training-network-courses>

