

First announcement

**COST action FA0807
Workshop**

New Perspectives in Phytoplasma Disease Management



The goal of COST action FA0807 “Integrated Management of Phytoplasma Epidemics in Different Crop Systems” is to promote information exchange in order to design integrated phytoplasma management strategies for the sustainable production of high-quality plant products and to reduce pesticide use, resulting in less residues in fresh market products: fruits, vegetables and grapevine. This workshop aims to disseminate the information collected in the COST network to plant protection services, plant health inspectors, advisors and growers.

General information

Phytoplasmas are insect-transmitted plant pathogenic prokaryotes associated with serious diseases in important crops such as grapevine, vegetables, corn, sugar beet, oil-seed crops and fruit trees. Recent advances in phytoplasma genomics have generated an impetus for research into control and management of these diseases. This Action integrates European phytoplasma research, enabling research funds to be used more efficiently by reducing duplication of efforts. New approaches for disease management, improved diagnostic methods; reduction of disease spread; improvement of insect-vector monitoring and a reduction in the pesticides used for control were achieved and harmonized.

The COST action FA0807 is composed of four working groups:

WG 1: Early detection and diagnostics

WG 2: Epidemiology and vector ecology

WG 3: Crop systems and control

WG 4: Phytoplasma/host interactions

The workshop will present the most recent information obtained with special attention to the management of phytoplasma diseases (WG3).

The coordinators of working group 3, Wolfgang Jarausch and Ester Torres, invite you to attend this workshop. It will present in one day a clear and exhaustive summary of the new perspectives of phytoplasma disease management.

Organising committee

Amparo Laviña, IRTA, Institut de Recerca i Tecnologia Agroalimentàries, Cabrils. Spain

Assumpció Batlle, IRTA, Institut de Recerca i Tecnologia Agroalimentàries, Cabrils, Spain

Ester Torres, Laboratori de Sanitat Vegetal, Generalitat de Catalunya, Cabrils. Spain

Wolfgang Jarausch, AlPlanta - Institute for Plant Research, Neustadt. Germany

Assunta Bertaccini, *Alma Mater Studiorum*, University of Bologna. Italy

The venue

The meeting will be held in the Hotel Acevi Villarroel, located in downtown Barcelona, just a few meters of the Barcelona Fair, Plaza España, Rambla de Catalunya and Passeig de Gracia, Well communicated by subway, bus and very close to Sants train station. Barcelona is a cosmopolitan city, which the Mediterranean opens to the rest of the world, establishing a bond with other cultures and producing a history marked by diversity. Magnificent examples of artistic trends throughout the ages can be found here providing a great Romanesque, Gothic and above all Modernista legacy, the latter represented by the work of architectural genius Antoni Gaudí. In recent years Barcelona has established itself as a focus for new trends from around the world.

The diverse geography and climates, combining mountains, hills, forests, planes, river deltas and seashores, give Catalonia privileged natural conditions. Catalonia's agriculture profits from these assets and offers a wide and rich variety of quality products.

For further information see: www.bcn.cat

Contact

Please use the following e-mail address to register as well as for further inquiries:

registrationcost@irta.es

Registration fees

There will be no registration fees. A small contribution for lunch will be asked to non-COST reimbursed people. Attendance to the workshop will only be possible after firm registration.

Preliminary registration

Please use the attached form for preliminary registration in order to receive the second circular with full details and hotel accommodations.

Language

English will be the official language of the workshop.

Preliminary program

- Outlook on relevant phytoplasma diseases: the role of propagation material
- Spread of phytoplasma diseases by insect vectors: consequences for risk assessment
- Management of phytoplasma diseases through vector control
 - fruit tree phytoplasma diseases
 - grapevine phytoplasma diseases
- Management of phytoplasma diseases through induced resistance
- Management of phytoplasma diseases through genetic resistance
- Emerging phytoplasma diseases
- Rules and regulations for certifying phytoplasma-free materials

