

Ad hoc support

13ème Colloque International d'Epidémiologie des Virus de Plantes

ABSTRACT

Viruses are a major agronomic threat in all agroecosystems. In the absence of curative treatments, the deployment of varietal resistances, the limitation of transmission (often by insects) and the adaptation of cultural practices are key factors for virus control. Precise knowledge of viruses and the parameters influencing their epidemiological dynamics is necessary to develop sustainable and effective control methods, and a synergy between researchers, breeders, field advisors, etc. is essential. In this context, the International Committee for Plant Virus Epidemiology (ICPVE) has been organising a symposium every three years since 1981, bringing together 150 to 200 international players in plant virology. The 13th edition, organised by INRA with the support of the Structure Fédérative de Recherche TERSYS, will be held at the Université d'Avignon et des Pays du Vaucluse from 6 to 10 June 2016.

Keywords : Viral vection, Control methods, Viral dynamics and evolution, Plant viruses, Epidemiology

Year : 2016

Project number : 1600-000

Type of funding : SP

Project type : PC

Research units in the network : GAFL

Start date : 2016-05-06

End date : 2016-08-31

Flagship project : no

Project leader : Cécile Desbiez

Project leader's institution : INRA-INRAE

Project leader's RU : PATHO

Budget allocated : 10000 €

Total budget allocated (including co-financing) : 10000 €

Funding : Labex

GOAL

The symposium will be an excellent opportunity to show and discuss the latest results related to virus epidemiology, including aspects of detection and etiology, virus dissemination, virus evolution, through experimental or modelling approaches. The local organising committee wishes to encourage exchanges and interdisciplinarity during this 13th edition entitled "Building bridges between disciplines for sustainable management of plant virus diseases". The focus will be on the sustainable management of means of combating viral epidemics, which is a key issue in virology at both the fundamental and agronomic levels.