**Course: Plant Pathology Methods (RGV 410010)**

**Professors in charge: Marciel J. Stadnik (UFSC) & Pedro Mondino (Udelar)**

This is a bilingual mirror course (portuguese/ spanish) offered in odd years at UFSC (Brazil) and at peers at udelar (Uruguay).

Course content:

Sterilization techniques, preparation of solutions and culture media; Isolation of phytopathogens / monosporic cultures; Factors affecting the conservation of phytopathogens; Cultivation and sporulation of phytopathogenic fungi; Methods for detection, quantification and inoculation of pathogens; Resistance tests; Selection of biocontrol agents; Resistance of fungi to fungicides; Histological techniques; Study of the host-pathogen interaction using microscopic techniques; Biochemical and molecular markers.