



XLII BRAZILIAN CONGRESS OF PHYTOPATHOLOGY

Rio de Janeiro, August 3rd - 7th 2009

Phytopathology

Science, Evolution and Prospects for the Biotechnology Era

MINI-COURSE: DIAGNOSIS AND THERAPY OF PHYTOPATHOGENS

CONVENORS: Dra. [VERA LÚCIA DE ALMEIDA MARINHO](#) and Dra. [ABI SOARES DOS ANJOS MARQUES](#) (Empresa Brasileira de Pesquisa Agropecuária – Recursos Genéticos e Biotecnologia/ DF)

LECTURE (TITLE)	TIME (minutes)	RESPONSIBLE/ <i>Curriculum Vitae</i>	AFFILIATION	E-MAIL
DAY 08/04				
Introduction Diagnosis: concept, implementation, methods, concepts of sensitivity and specificity	30	Dra. Vera Lúcia de Almeida Marinho	Embrapa - Recursos Genéticos e Biotecnologia/ DF	marinho.vera@gmail.com
Methods for diagnosis (morphological and molecular) from phytopathogenic fungi. Term and chemotherapy, advantages and disadvantages	50	Dr. Ailton Reis	Embrapa - Hortaliças/ DF	ailton.reis@pq.cnpq.br
DAY 08/05				
Methods for diagnosis (morphological, biochemical, immunological and molecular) of phytopathogenic bacteria.	40	Dr. Carlos Hidemi Uesugi	UnB/ DF	uesugich@unb.br

Term and chemotherapy, advantages and disadvantages				
Methods for diagnosis (morphological and molecular) of phytopathogenic nematodes. Term and chemotherapy, advantages and disadvantages	40	Dr. Vilmar Gonzaga	Embrapa - Recursos Genéticos e Biotecnologia/ DF	vilmar@cenargen.embrapa.br
DAY 08/06				
Methods for diagnosis of viruses, viroids and phytoplasma: PCR, RT-PCR, ELISA, PCR, Real Time PCR; Cryotherapy and thermotherapy, advantages and disadvantages	50	Dra. Vera Lúcia de Almeida Marinho	Embrapa - Recursos Genéticos e Biotecnologia/ DF	marinho.vera@gmail.com
Presentation practice of using Real Time PCR for the diagnosis	30	Dra. Vera Lúcia de Almeida Marinho	Embrapa - Recursos Genéticos e Biotecnologia/ DF	marinho.vera@gmail.com

ATTENDANTS: 250