



## XLII BRAZILIAN CONGRESS OF PHYTOPATHOLOGY

Rio de Janeiro, August 3rd - 7th 2009

Phytopathology

Science, Evolution and Prospects for the Biotechnology Era

### MINI-COURSE: USE OF MOLECULAR MARKERS IN PLANT BREEDING FOR RESISTANCE TO PHYTOPATHOGENS

**CONVENOR: Dr. MESSIAS GONZAGA PEREIRA** (Universidade Estadual Norte Fluminense Darcy Ribeiro/ RJ)

LECTURE (TITLE)	TIME (minutes)	RESPONSIBLE/ <i>Curriculum Vitae</i>	AFFILIATION	E-MAIL
<b>DAY 08/04</b>				
Molecular Markers		Dr. <a href="#">Messias Gonzaga Pereira</a>	<a href="#">UENF/ RJ</a>	<a href="mailto:mgpereira@pq.cnpq.br">mgpereira@pq.cnpq.br</a>
- Conceptualization	20			
- Categories	20			
- Application in Breeding	40			
<b>DAY 08/05</b>				
Improving the resistance to phytopathogens		Dr. <a href="#">Messias Gonzaga Pereira</a>	<a href="#">UENF/ RJ</a>	<a href="mailto:mgpereira@pq.cnpq.br">mgpereira@pq.cnpq.br</a>
- Identification of sources of resistance	50			
- Genes for resistance	30			
<b>DAY 08/06</b>				
Some examples - Practical application		Dr. <a href="#">Messias Gonzaga Pereira</a>	<a href="#">UENF/ RJ</a>	<a href="mailto:mgpereira@pq.cnpq.br">mgpereira@pq.cnpq.br</a>

- Cloning of genes	30			
- Assisted selection	15			
- Mapping and analysis of genes	20			
Conclusions and prospects	15			

**ATTENDANTS: 250**