

**6<sup>th</sup> SIPaV Physiopathology School - Lucca, December 5<sup>th</sup>-7<sup>th</sup>, 2022**

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	Monday 5 <sup>th</sup>		Tuesday 6 <sup>th</sup>		Wednesday 7 <sup>th</sup>	
	PHYSIOPATHOLOGY OF BIOTIC STRESS		NEWS FROM THE RNA WORLD		EMERGING IDEAS	
9:00-10:00	<b>Prof. BART THOMMA - Institute for Plant Sciences, Cologne Biocenter University of Cologne</b>	<i>Plant pathogens manipulate host microbiota to promote disease development</i>	<b>Prof. PIERDOMENICO PERATA - Scuola Superiore Sant'Anna-Pisa</b>	<i>Mobile plant microRNAs allow communication within and between organisms</i>	<b>Dr. RAFFAELLA BALESTRINI - Istituto per la Protezione Sostenibile delle Piante- CNR - Torino</b>	<i>Friends or Enemies? Let's start from the roots</i>
10:00-11:00	<b>Prof. ELODIE VANDELLE- Dipartimento di Biotecnologie- Università di Verona</b>	<i>Early signal transducers: key pawns for efficient defense establishment</i>	<b>Dr. FRANCESCO DI SERIO - Istituto per la Protezione Sostenibile delle Piante- CNR - Bari</b>	<i>The amazing world of viroids and viroid-like RNAs</i>	<b>Prof. GIULIANO BONANOMI - Dipartimento di Agraria- Università di Napoli Federico II</b>	<i>Microbiota modulation of allelopathy</i>
11:00-12:00	<b>Prof. STEFANO COLAZZA - Dipartimento di Scienze Agrarie, Alimentari e Forestali- Università di Palermo</b>	<i>Mechanisms of herbivore-induced plant responses and perspectives for improvement of biocontrol</i>	<b>Dr. AZEDDINE SI-AMMOUR - Fondazione E. Mach - San Michele all'Adige (TN)</b>	<i>Role of the coding and noncoding transcriptome during the host-pathogen evolutionary arms race</i>	<b>Dr. EMANUELA NORIS - Istituto per la Protezione Sostenibile delle Piante- CNR - Torino</b>	<i>Cutting edge application of Raman spectroscopy for the diagnosis of plant pathogen infection</i>
Concluding remarks			Concluding remarks		Concluding remarks	
LUNCH			LUNCH		LUNCH	
	PHYSIOPATHOLOGY OF BIOTIC STRESS		PUTTING KNOWLEDGE AT WORK			
15:00-16:00	<b>Dr. IVAN BACCELLI - Istituto per la Protezione Sostenibile delle Piante- CNR - Firenze</b>	<i>Volatile organic compounds in plant immune signaling and defense against pathogens</i>	<b>Prof. ELENA BARALDI - Dipartimento di Scienze e Tecnologie Agro-Alimentari- Università di Bologna</b>	<i>siRNA as a new tool to protect crops from fungal and oomycete pathogens</i>		
16:00-17:00	<b>Dr. VALERIA SCALA - Centro di Ricerca Difesa e Sperimentazione (CREA-DC) Roma</b>	<i>Lipid signalling in plant-bacteria crosstalk</i>	<b>Dr. MARIO TAVAZZA - ENEA - Roma</b>	<i>CRISPR-Cas: a multipurpose tool for developing disease-resistant crops</i>		
Concluding remarks			Concluding remarks			