



TENTATIVE PROGRAMME

September 23

TIME	TYPE	SPEAKER	COUNTRY	PRESENTATION TITLE
12:00	REGISTRATION			
13:45	Introduction Congress (Cédric Bertrand)			

RMT BESTIM SESSION 1: BIOSOLUTIONS IN THE FIELD

September 23

TIME	TYPE	SPEAKER	COUNTRY	PRESENTATION TITLE
Chair : Marie Turner				
Régis Berthelot: BESTIM presentation				
14:00	Oral GUEST 1	LOÏC RAJJOU	France	Looking for efficient biosolutions to improve seed health, vigour, and yield: linking basic research to agricultural practice
14:30	Oral 1 / Round Table	MARCHAND P.	France	Biocontrol active substances in Europe: the tipping point?
14:50	Oral 2 / Round Table	RANOUILLE E. BERTHON JY.	France	Local, short-run production of bio-based products for sustainable agriculture
15:10	Round Table	JEZEQUEL S.	France	
16:10 Coffe Break				
Chair : Régis Berthelot				
16:40	Oral 3	SOUFFLET-FRESLON V.	France	Towards integrated protection of rose against foliar fungal diseases: biocontrol and varietal resistance
17:00	Oral 4	DUSFOUR-CASTAN P.	France	Identification of a network of correlations of potentially influential variables for biosolutions
17:20	Oral 5	DUBREU O.	France	SeedBioProtect project: Evaluation of seed treatment to control damping off in wheat and tomato
17:40	Oral 6	PAJOT E.	France	The qPFD® tool: 12 years of operation and ongoing development for reliable evaluation of Plant Defense Inducer and biostimulants active substance, from the laboratory to the field
18:00	Oral 7	GAUCHER M.	France	Enhancing apple self-defense by combining methods that leverage plant immunity

RMT BESTIM SESSION 2: BIOSOLUTIONS MODES OF ACTION

September 24

TIME	TYPE	SPEAKER	COUNTRY	PRESENTATION TITLE
Chair : Elsa Ballini				
09:00	Oral GUEST 2	MICHELE PERAZZOLLI	Italia	Functional characterization of efficacy and mode of action of a sustainable fungicide against grapevine p
09:40	Oral 8	MALGOUYRE L.	France	A free amino acids-based biostimulant promotes cell division and alleviates heat stress effects in tomato
10:00	Oral 9	BENEZECH C.	France	No Pain No Gain, No graines* No pain* (* graines = seeds / * pain = bread)
10:20 Coffee Break / Posters				
11:00	Oral 10	BACHAR B.	France	A better understanding of the mode of action of a high quality microalgae-based extract by a transcripto Phenotypic approach
11:20	Oral 11	TROUSSIEUX S.	France	Willaertia magna C2c Maky: mode of action and efficacy as a bio-fungicide
11:40	Oral GUEST 3	DOMENICO DESERIO	France	Biological control in the EU under the framework of Reg (EC) 1107/2009
12:20	Lunch			

MICROPBIOMES SESSION 3: COMBINING LEVERS TO OPTIMISE CROP STIMULATION AND PROTECTION

September 24

TIME	TYPE	SPEAKER	COUNTRY	PRESENTATION TITLE
Chair : Anna Bonaterra/ Sarra Yousfi				
Claire Prigent-Combaret: MicropBiome presentation				
14:20	Oral GUEST 4	LUCIANA PAGNUSSAT	Argentina	Does the inclusion of microalgae improve the efficiency of bacterial-based inoculants?
15:00	Oral 12	FONTAINE P.E.	France	From Waste to Biocontrol: antifungal properties of a Leek by-product extract PhD grant
15:20	Oral 13	BOURQUE S.	France	Disinhibition of grapevine immune responses: an innovative strategy to improve Plant Defense Inducers
15:40	Oral 14	PECOURT A.	France	Microbial bio-input association, a potential alternative to reduce chemical inputs in a local agricultural s
16:00 Coffee Break / Posters				
Chair : Michele Perazzolli / Audrey Pécourt				
16:40	Oral 15	TAPIA D.	Spain	Essential oil mixtures as synergistic insecticidal agents PhD grant
17:00	Oral 16	PALLUCHINI M.	Italia	Assessment of Biodegradable Biopolymers Combined with Plant Growth-Promoting Bacteria for Sustai Applications
17:20	Oral 17	CABRE L.	France	Plant defence elicitation during drought in Tomato: Bridging the Gap Between Laboratory and Field
17:40	Oral 18	BENNECEUR I.	Belgium	Lipopeptides: A Promising Future Alternative to Copper and Sulfur Treatments for Apple Scab Control
18:00	Oral 19	PIERRE E.	France	Rhamnolipids, promising biosurfactants for sustainable agriculture: protective agents against branched b biostimulants for brassicaceae

SESSION 4: SYSTEMS AND MOLECULAR BIOLOGY, DIGITAL TOOLS AND AI

September 25

TIME	TYPE	SPEAKER	COUNTRY	PRESENTATION TITLE
Chair: Marie-Virginie Salvia/Anouar Mejait				
09:00	Oral GUEST 5	TILMANN WEBER	Denmark	The Molecular Treasure Hunt: Genome mining technologies for sustainable applications
09:40	Oral 20	ATANASOVA V.	France	Stilbenoids as promising environment-friendly natural products to minimize the contamination of wheat with toxigenic fungi and associated mycotoxins
10:00	Oral 21	CAHUZAC R.	France	Unraveling Biofungicide Modes of Action through Metabolomic Profiling
10:20	Oral 22	CORSO M.	France	Revealing the ecological roles of specialized metabolites in rapeseed seed exudates
10:40 Coffee Break / Posters				
Chair: Tilmann Weber				
11:40	Oral 23	AIT KOUJANE F.	France	Genome mining reveals novel secondary metabolites in non-rhizospheric Pseudomonas strains, underlining plant growth-promoting bacteria (PGPB)
12:00	Oral 24	VAILLEAU F.	France	A bacterial Genome-Wide Association study approach adapted to intraspecific microbial diversity identifying growth-promoting factors
12:20	Oral 25	TIMMUSK S.	Sweden	Plant–microbiome interactions under a changing world
12:40	Lunch			

MICROPBIOMES SESSION 5: PLANT-MICROBIOME INTERACTIONS AND (A)BIOTIC STRESSES

September 25

TIME	TYPE	SPEAKER	COUNTRY	PRESENTATION TITLE
Chair : Ioannis Stringlis/ Shirley Marcou				
14:20	Oral GUEST 6	VICTOR CARRION	Spain	Decoding the hidden secrets of plant microbiomes
15:00	Oral 26	GONZALES V.	Spain	Culture-dependent and metabarcoding characterization of the endophytic microbiota (fungi and bacteria) of <i>Bethencourtia palmensis</i> and its biotechnological potential
15:20	Oral 27	PRIGENT-COMBARET C.	France	Rhizospheric <i>Pseudomonas</i> : Biological Weapons Against Orobanches ?
15:40	Oral 28	GOVIN-SANDUJO A.	France/Cuba	Deciphering the Potential of <i>Bacillus</i> Strains in Promoting Wheat Growth Under Drought Stress and Fungal Pathogens
16:00 Coffee Break / Posters				
Chair: Azucena Gonzales Coloma/Fatima Ait Koujane				
17:00	Oral 29	MARAHATTA B.	Belgium	Temperature-Dependent Effect of Cyclic Lipopeptides Produced by <i>Pseudomonas fuscovaginae</i> UPB01 on the Growth of <i>Arabidopsis thaliana</i>
17:20	Oral 30	STRINGLIS I.	Greece	The Effect of Rhizosphere on the Resistance of Wild Tomato Relatives to <i>Verticillium dahliae</i>
17:40	Oral 31	YOUSFI S.	France/Tunisie	Towards a novel biopesticide from <i>Bacillus velezensis</i> 32a: Unveiling the synergistic potential of dual polyketides and a siderophore for crown gall biocontrol with insights into their low cytotoxicity
18:00	Oral 32	WEHNER G.	Germany	Priming with biologicals to support drought stress tolerance of cereals

MICROPBIOMES SESSION 6: MANAGEMENT OF PLANT MICROBIOTA AND INTEGRATED STRATEGIES

September 26

TIME	TYPE	SPEAKER	COUNTRY	PRESENTATION TITLE
Chair: Claire Prigent-Combaret/Elise Pierre				
09:00	Oral 33	DUFOUR M.C.	France	Action of Pythium oligandrum on Grapevine Trunk Diseases and its impact on microbial communities
09:20	Oral 34	DUTILLOY E.	Belgium	Nitrate as a Key Nitrogen Source to allow Trichoderma harzianum and Bacillus velezensis Compatibility Development
09:40	Oral 35	ALAHMAD A.	France	Prebiotics as a Soil Biosolution: Shaping Microbial Community Structure and Function
10:00	Oral 36	BRESSAN M.	France	Harnessing Vermicompost-Based Biostimulants for Soil Regeneration and Crop Resilience
10:20 Coffee Break / Posters				
11:00	Oral GUEST 7	MONICA HÖFTE	Belgium	Biosolutions 2025: Key takeaways
11:40	Acknowledgment			