



DEAR COLLEAGUES,

The global demographic development and climate change pose a threat on crop production in many areas. There is a need to intensify agricultural production in a sustainable manner and to find solutions to combat abiotic stress, pathogens and pests. Plants are associated with complex microbiota, which are known to promote plant growth and stress tolerance, support plant nutrition and antagonize plant pathogens. The integration of beneficial plant-microbe and microbial interactions might represent a promising solution to improve agricultural production.

The symposium "Microbe-assisted crop production – opportunities, challenges and needs" (miCROPe 2017) will encompass aspects ranging from basic understanding of plant-microbe interactions to commercial application of microbial products in crop production. It is our aim to bring together participants from academia, industry as well as from the public and farming sector to discuss together the latest developments and future opportunities in this field.

The highly interesting scientific program will be flanked by multiple activities such as sightseeing, cultural events and a miCROPe party. We hope that you will join "miCROPe 2017" to discuss the most recent research findings and their implications for agricultural application and look forward to welcoming you in Vienna during the unique Christmas atmosphere, 4 to 7 December 2017.

ANGELA SESSITSCH
on behalf of the Organizing Committee

VENUE

Orangerie Schönbrunn Palace | Vienna, Austria
www.schoenbrunn.at

IMPORTANT DATES

ABSTRACT SUBMISSION: for oral & poster presentations – until **June 30th, 2017**
EARLY Registration – until **June 30th, 2017**

ORGANIZED BY

AIT - Austrian Institute of Technology

ÖGMBT - Austrian Association of Molecular Life Sciences and Biotechnology

REGISTRATION FEES

STUDENT

Early € 395,- | ÖGMBT member € 365,-
Late € 465,- | ÖGMBT member € 435,-

REGULAR

Early € 545,- | ÖGMBT member € 515,-
Late € 615,- | ÖGMBT member € 585,-

INDUSTRIAL

Early € 795,- | ÖGMBT member € 765,-
Late € 885,- | ÖGMBT member € 855,-

REGISTRATION

www.micrope.org/registration

CONTACT

www.micrope.org

office@micrope.org



NEW AG INTERNATIONAL

DPG Deutsche Phytomedizinische Gesellschaft e.V.



INTERNATIONAL SYMPOSIUM
**MICROBE-ASSISTED
CROP PRODUCTION –
OPPORTUNITIES,
CHALLENGES & NEEDS**
DEC. 4 – 7, 2017

*SCHÖNBRUNN PALACE
ORANGERIE
VIENNA, AUSTRIA*

**SATELLITE COURSE
& WORKSHOP: NOV. 27 – DEC. 2**

AIT AUSTRIAN INSTITUTE
OF TECHNOLOGY

ÖGMBT

MAIN TOPICS

Successful microbial products

Microorganisms for rural development

New mechanisms involved in beneficial plant-microbe interactions

Plant understanding and improvement of beneficial interactions with microbes

The holobiont plant: multitrophic interactions

The holobiont plant: microbiome understanding

Application technologies & formulations

Future of microbial products & regulatory issues

Phytobiomes Alliance

SATELLITE COURSE & WORKSHOP

“Advanced microscopy techniques for plant-microbe interaction analysis” - **Nov. 27 – Dec. 2, 2017**

ORGANIZING COMMITTEE

ANGELA SESSITSCH
AIT Austrian Institute of Technology
BIRGIT MITTER
AIT Austrian Institute of Technology
ALEXANDRA KHAASSIDOV
ÖGMBT

KEYNOTE SPEAKERS

ESPERANZA MARTÍNEZ-ROMERO

National Autonomous University of Mexico, MX

WILLEM RAVENSBERG

Koppert & IBMA, NL

JANET K. JANSSON

Pacific Northwest National Laboratory, US

INVITED SPEAKERS

JÜRGEN KÖHL

Wageningen University, NL

IAN SANDERS

University of Lausanne, CH

ALIA RODRIGUEZ

National University Colombia, CO

PAOLA BONFANTE

University of Turin, IT

LAURE WEISSKOPF

University of Fribourg, CH

BARBARA REINHOLD-HUREK University of Bremen, DE

CORNÉ PIETERSE

Utrecht University, NL

LEO VAN OVERBEEK

Wageningen University, NL

GABRIELE BERG

Graz University of Technology, AT

YVAN MOENNE-LOCCOZ

University of Lyon, FR

DEVIN COLEMAN-DERR

USDA / UC Berkeley, US

BIRGIT MITTER

AIT Austrian Institute of Technology, AT

ANANT PATEL

University of Bielefeld, DE

CLAUDIA PREININGER

AIT Austrian Institute of Technology, AT

INTERNATIONAL SCIENTIFIC COMMITTEE

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Austrian Institute of Technology, AT

ANANT PATEL

University of Bielefeld, DE

CLAUDIA PREININGER

AIT Austrian Institute of Technology, AT

KELLYE EVERSOLE

Eversole Ass., US

ANGELA SESSITSCH

AIT Austrian Institute of Technology

CONFERENCE PROGRAM

DAY 1 | 4 Dec. 2017 | 1^{P.M.} – 8:30^{P.M.}

OPENING LECTURE **ESPERANZA MARTÍNEZ-ROMERO**

SESSION 1 **SUCCESSFUL MICROBIAL PRODUCTS**

SESSION 2 **MICROORGANISMS FOR RURAL DEVELOPMENT**

Poster Session I & Reception

DAY 2 | 5 Dec. 2017 | 8:30^{A.M.} – 3^{P.M.}

SESSION 3 **NEW MECHANISMS INVOLVED IN BENEFICIAL PLANT-MICROBE INTERACTIONS**

Poster Session II

SESSION 3 **NEW MECHANISMS INVOLVED IN BENEFICIAL PLANT-MICROBE INTERACTIONS**

Social Events & Vienna Tours starting at 3 p.m.

DAY 3 | 6 Dec. 2017 | 8:30^{A.M.} – 6^{P.M.}

SESSION 4 **PLANT UNDERSTANDING AND IMPROVEMENT OF BENEFICIAL INTERACTIONS WITH MICROBES**

SESSION 5 **THE HOLOBIONT PLANT: MULTITROPHIC INTERACTIONS**

Poster session III

SESSION 6 **THE HOLOBIONT PLANT: MULTITROPHIC UNDERSTANDING**

miCROPe Party starting at 7 p.m.

DAY 4 | 7 Dec. 2017 | 9^{A.M.} – 3^{P.M.}

SESSION 7 **APPLICATION TECHNOLOGIES & FORMULATIONS**

SESSION 8 **FUTURE OF MICROBIAL PRODUCTS & REGULATORY ISSUES**

Phytobiomes Alliance Session

CLOSING LECTURE **JANET K. JANSSON**