

# KAAB International Symposium 2018

# “Frontiers in Plant Science and Biotechnology”

September 27, 2018 (Thu) 10:00-17:00  
Library Hall, Niigata University

## Opening Remarks

10:00-10:05 **Toshiaki Mitsui**, Director of KAAB Niigata University

## Session 1

10:05-12:00 **Presented by Students and Young Scientists & CONCERT-Japan project Workshop**  
Chair: Norikuni Ohtake, Niigata University

## Welcome Speech

13:00-13:10 **Tatsuo Ushiki**, Vice President of Niigata University  
**Hiroo Shinada**, Mayor of Kariwa Village  
Chair: Masaru Nakano, Niigata University

## Session 2

13:10-13:35 **Iker Aranjuelo Michelena**, CSIC/UPNA Agrobiotechnology Institute, Spain  
“**Climate Change, a target topic conditioning current and near future crop yield and quality traits: a meta-analyses study**”  
Chair: Maria Dolors Serret, University of Barcelona

13:35-14:00 **Maria Dolors Serret**, University of Barcelona, Spain  
“**Crop field phenotyping: tools and approaches for cereals**”  
Chair: Bertrand Gakière, Institute of Plant Sciences Paris-Saclay

14:00-14:25 **Bertrand Gakière**, Institute of Plant Sciences Paris-Saclay, France  
“**Understanding plant NAD<sup>+</sup> metabolic and stress signaling to improve crop productivity**”  
Chair: Michael Hodges, Institute of Plant Sciences Paris-Saclay

14:25-14:50 **Michael Hodges**, Institute of Plant Sciences Paris-Saclay, France  
“**Trying to improve photosynthesis by modifying photorespiration and stomatal movements**”  
Chair: Eckard Priesack, Helmholtz Center Munich

## Session 3

14:50-15:35 **Poster session presented by students and young scientists**

## Session 4

15:35-16:00 **Eckard Priesack**, Helmholtz Center Munich, Germany  
“**Modelling crop growth and yield quality based on plant internal transport processes**”  
Chair: Marouane Baslam, Niigata University

16:00-16:25 **Karel Dolezal**, Centre of the Region Haná for Biotechnological and Agricultural Research, Palacký University, Czech  
“**New cytokinin derivatives for plant biotechnology: from synthesis to analysis and back again**”  
Chair: Kimiko Itoh, Niigata University

16:25-16:50 **Marouane Baslam**, Niigata University, Japan  
“**Phytopathogens: a good opportunity to improve crops culture under changing environmental conditions**”  
Chair: Toshiaki Mitsui, Niigata University

## Closing remarks

16:50-17:00 **Kuni Sueyoshi**, Dean of the Faculty of Agriculture, Niigata University

Supported by KAAB Niigata University  
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