

## Satellite Meeting on Signal Transduction Pathways in Nitrogen-Fixing Symbioses

22 August 2018, Stockholm University

### 9:00 - 9:15: Welcome/Introduction

“Myriam Charpentier and Fernanda de Carvalho-Niebel”

### 9:15 - 10:30: Session 1

9:15 - 9:30: **Kira Gysel** (Institute for Molecular Biology and Genetics – Aarhus University)

“How to make new friends: symbiotic receptors from a structural perspective”

9:30 - 9:45: **Jongho Sun** (Sainsbury Laboratory, University of Cambridge)

“Assessing chitoctamers and lipochitooligosaccharides signaling molecules for activation of calcium spiking in cereals”

9:45 - 10:00: **Fang Xie** (Shanghai Institute of Plant Physiology and Ecology, CAS)

“NIN interacts with NLPS to mediate nitrate inhibition of nodulation in *Medicago truncatula*”

10:00 - 10:15: **Jiang Feng** (Sainsbury Laboratory, University of Cambridge)

“Processing of nodule inception is essential for legume-rhizobial symbiosis”

10:15 - 10:30: **Andreas Niebel** (LIPM, INRA-CNRS, Castanet-tolosan)

“Deciphering the transcriptional network controlled by NF-YA1 transcription factor during root-nodule symbiosis in *Medicago truncatula*”

### 10:30 - 11:00: Coffee break

### 11:00 - 12:00: Session 2

11:00 - 11:15: **Carole Laffont** (CNRS, Paris-Saclay)

“Interaction between negative and positive systemic pathways regulating symbiotic nodulation in *Medicago truncatula*”

11:15 - 11:30: **Mandana Miri** (University of Western Ontario)

“Ethylene overproducer (ETO1) gene family regulates rhizobial infection in *Lotus japonicus*”

11:30 - 11:45: **Naoya Takeda** (Kwansei Gakuin University)

“Gibberellin regulates root nodule symbiosis through autoregulation of nodulation system”

11:45 - 12:00: **Viktor Tsyganov** (All-Russia Research Institute for Agricultural Microbiology)

“Actin cytoskeleton organization and nuclear movement during cell differentiation in symbiotic nodules of *Pisum sativum* and *Medicago truncatula*”

### 12:00: End of the meeting