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## XX<sup>th</sup> Cologne Minisymposium on Plant Biology

Tuesday 27<sup>th</sup>/Wednesday 28<sup>th</sup> of September, 2016

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### Day 1 – Tuesday 27<sup>th</sup> of September

#### Session 1

13.00 – 13.45

**Kathleen Donohue, Duke University, USA**

Pleiotropy in phenology across the life cycle

13.45 – 14.30

**Irene Till-Bottraud, CNRS Grenoble, France**

When the relatedness of your neighbor matters: kin selection through facilitation in plants

14.30 – 15.15

**Karsten Wesche, Senckenberg Görlitz, Germany**

Interactions between abiotic environment and human land use – climate controls override grazing effects under extreme conditions of Central Asia

15.15 – 15.45

*Coffee Break*

#### Session 2

15.45-16.30

**Dominique Gagliardi, CNRS Strasbourg, France**

Uridylation and mRNA decay

16.30 – 17.15

**Liam Dolan, University of Oxford, UK**

An ancient mechanism controls the morphogenesis of structures that develop from single epidermal cells in land plants

17.15 – 18.00

**Wim Vyverman, Ghent University, Belgium**

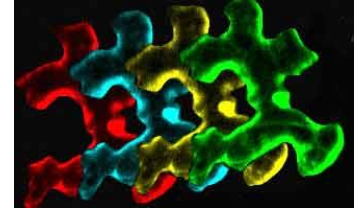
Speciation mechanisms and the ecological success of diatoms

18.00 – 19.30

*Beer and Poster Session in the lobby of the Geo-/Bio Hörsaal*

19.30

*Dinner in “Hellers Brauhaus”, Roonstraße 33, 50674 Cologne*



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### Day 2 – Wednesday 28<sup>th</sup> of September

#### Session 3

09.15 – 10.00

**Paul Birch, The James Hutton Institute, Scotland**

Delivery of a late blight effector protein inside host cells to promote disease susceptibility

10.00 – 10.45

**Stephan Krüger, University of Cologne, Germany**

The phosphorylated pathway for serine biosynthesis is indispensable for plant metabolism and development

10.45 – 11.00

*Coffee Break*

#### Session 4

11.00 – 11.45

**Phil Poole, University of Oxford, UK**

Plant control of the rhizosphere microbiome

11.45 – 12.30

**Javier Paz-Ares, CNB-CSIC Madrid, Spain**

Phosphate sensing and signaling in plants

12.30 – 14.00

Lunch: Speakers and PhD students of the Institute

#### Session 5

14.00 – 14.45

**Salome Prat, CNB-CSIC Madrid, Spain**

14.45 – 15.30

**Uwe Maier, University of Marburg, Germany**

Protein Transport meets Biotechnology

15.30 – 16.00

*Coffee Break*

#### Session 6

16.00 – 16.45

**Sascha Laubinger, ZMBP Tübingen, Germany**

To splice or not to splice - Introns and plant stress responses

16.45 – 17.30

**Frank Ludewig, University of Erlangen-Nürnberg, Germany**

The impact of increased source and sink capacities on plant yield

17.30 – 18.15

**Christoph Sensen, IMBT TU Graz, Austria**

Creating gene models for high-value enzymes from plants and fungi

*Guests are welcome!*