



# BOTANIKERTAGUNG

International Plant Science Conference

15.–19. SEPTEMBER 2019 **ROSTOCK**

Universität  
Rostock  Traditio et Innovatio  
celebration of 600 years

## Plant life along gradients

### SYMPOSIA

- | **Fixing the problem** synthetic biology
- | **Evo-Devo – plant terrestrialization** evolution, diversity and phylogeny
- | **Foreigners in plants** plant made pharmaceuticals and industrials
- | **Living with poisons and aromas** natural compounds and specialized metabolism
- | **Shaping your life** growth and development
- | **How algae sense their environment** sensing abiotic and biotic signals
- | **Redox matters** redox regulation of plant metabolism
- | **Glyphosate and beyond** challenges in applied plant sciences
- | **Plants, friends and foes** interaction of plants with microbes, symbionts, etc
- | **New commodities** evolution of specialized metabolism
- | **Get into shape** plant architecture
- | **Catch me if you can** plant/insect interactions
- | **Solar power** photosynthesis and primary metabolism
- | **From genes to ecology** diversity and evolution of C4 and CAM photosynthesis
- | **Cellular machineries** cell and organelle biology
- | **Basic principles of life** plant genetics and epigenetics
- | **Drying without dying** abiotic stress and adaptation
- | **Battle in the field** plant diseases, protection, resistance
- | **Information from the past – herbarium specimens** challenges in plant sciences
- | **Trends in plant science – brand new topics** miscellaneous
- | **On the fields** crop plants and new technologies in plant breeding

### PLENARY SPEAKER

Ferran Garcia-Pichel, USA

Eric Kemen, Germany

Jill Farrant, South Africa

Mark Lange, USA

Donald Ort, USA

Georg Pohnert, Germany

Claire Gachon, Scotland

Ann Depicker, Belgium

[www.botanikertagung2019.de](http://www.botanikertagung2019.de)

