Practical course: Current methods in genetic transformation of plants

This workshop will offer a theoretical and practical introduction into the newest methods for genetically manipulating plants. Topics covered are:

- Fun and function of plant transformation (What can we learn about plants? What have we learned from microbes?)
- Basic methods of plant transformation (biolistic vs. Agrobacterium, stable vs. transient, over-expression vs. RNA interference, design of vectors, choice of sequence)
- CRISPR-Cas: the newest tool in plant transformation

Number of participants is limited to 6.

Date and Time

May 16, 2019 - May 17, 2019

Location

Location: Max Planck Institute for Chemical Ecology

Leader

Jonathan Gershenzon