

# Introduction to Reproducibility in Plant Science | 17 September 2024

Rigor and reproducibility are the core of modern science and set apart scientific inquiry from pseudoscience. Many researchers have never received formal training on how to work in a way that enables reproducibility for themselves and other researchers.

## What to expect?

This workshop will introduce reproducible workflows and a range of tools for plant biologists and everybody interested in working more reproducibly along the themes of organization, documentation, analysis and dissemination. After a brief introduction to the topic of reproducibility, the workshop will provide specific tips useful in improving daily research workflows in the following topics:

- successful data management
- writing up reproducible methods and protocols
- electronic lab notebooks
- data and resource sharing
- data visualization
- working with images

## Intended audiences

Anyone interested in improving their reproducibility in research; all careers stages are welcome! Most of the material is introductory, so no prior knowledge is required.

We will work through some use cases to directly apply reproducible practices you learned and discuss challenges in your work. All workshop materials will be available in digital form to potentially share with interested colleagues as well.

**Participants:** 8 to 20 people

**Duration:** 2 hours

**Fees:** 10 € until 23 June 2024, after that 15 €

**Trainer:** Dr. Susann Auer

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