



## PhD Program in Plant Sciences: Managing your Publication Workflow and your Open Data

**Lecturers:** Dr. Philipp Mayer (science-textflow.ch), Dr. Stefanie Strebel & Dr. Melanie Röthlisberger (Open Science Services, University of Zurich); Dr. Melanie Paschke, Zurich-Basel Plant Science Center

**Location:** tbd

**Dates:** June 19, 20\* and July 3, 2024 (\* is for individual work)

**Credit Points:** 1 ECTS

### Course Description

The course includes 2 face-to-face workshop days and one day for homework. PhD students will learn specifically to deal with the whole publication process and to establish a publication workflow: How to manage your open data from the very beginning of a research project, from choosing journals strategically, to submission, to publication. This includes also guidelines for open access publications, how to find open access journals, information on copyright and licenses, how to retain author rights when publishing, open data, FAIR data and data management plans, as well as post-publication marketing strategies. One block will be reserved on the use of AI in the publication workflow and on its responsible use.

### Course Program

**Day 1, 9:00 – 18:00:** *Understand the publishing process and develop individual publishing strategies (Philipp Mayer)*

After this course day, participants: 1) Understand the peer review system, 2) Deal confidently with the publishing procedure, 3) Develop a journal selection and publishing strategy, 4) Deal confidently with the submission and cover letter, 5) Understand what editors want: the role of editors, reviewers and publishers, 6) Are able to respond to editors' and reviewers' comments, 7) Know what to do in case of a rejection: revision of the publishing strategy?, 8) Know how to prepare a review report, 9) Know how to avoid common mistakes.

**Day 2:** Draft preparation of data management plan and publication strategy (homework, to be accomplished after Day 3. Please submit homework not later than 17:00)

**Day 3, 09:00 – 10:00:** *Generative AI in the publication workflow (Melanie Paschke)*  
**10:00 – 13:00:** *Introduction to Open-Access (Melanie Röthlisberger)*

In this session, participants learn about 1) the different routes to Open Access, 2) how to find Open Access journals using relevant tools such as the DOAJ or the oa.finder, 3) copyright and (open) licenses, 4) using the Sherpa/Romeo-Database to verify their rights for self-archiving, and 5) how to retain their rights as authors in the publishing process.

**Day 3, 14:00 – 17:00:** *Open Data, Data Management (Stefanie Strebel)*

In this session, participants: 1) understand what Open Data and FAIR Data principles are, 2) discuss and evaluate their Data Management Plan (DMP), 3) understand their options for publishing data, 4) learn about post-publication marketing strategies.

**Prior Knowledge:** None

### Individual Performance and Assessment:

To obtain the ECTS point, participants are required to actively participate in the case-study work, discussions, and presentations during the course days. As part of the homework:

1. Draft a Data Management Plan for their projects and prepare it for presentation on day 3 (to be accomplished on Day 2)
2. Analyse six journals appropriate for publishing their research. Participants study the journal websites and various online resources. They bring detailed information to the workshop about: (1) open access options, (2) publication fees (or article processing charges), (3) copyright policies: which rights remain with the authors? (4) speed (decision times, publication times), (5) rejection rates, and others.