

## MIM course

# General principles of scientific writing

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### When? / Were?

13. September 2023: 9:00 – 17:00; HPZ E35

14. September 2023: 9:00 – 12:30; HPZ E35

### Format/Scope:

Interactive course in workshop format focusing on writing of original articles for scientific journals. Students will work in groups or individually on exercises covering different aspects of scientific publishing including the structure of manuscripts, use of scientific language and clear presentation of research results.

### Learning goals:

Upon completion of the course, students will be able to:

- explain the general principles of publishing scientific work
- critically assess the content and quality of display items and tables
- use methods to improve the clarity, coherence, cohesiveness, efficiency and effectiveness of scientific writing

### Final assignment:

Short research report to be submitted by 24. September 2023

### ECTS credits: 1

Language of instruction: English

Lecturer: Prof. Dr. Shinichi Sunagawa

<http://www.micro.biol.ethz.ch/research/sunagawa.html>

### Required materials:

Participants need to bring writing material and their own laptop computer

### Participants:

**Anne Häfke**

**Lukas Schwyter**

**Nguyen Thi**

**Samuel Staubli**

**Sven Krähenbühl**

**Juliane Mietz**

**Jessica Medina**

**Sukrit Suresh**

**Laura Ceglarek**

**Robert Maka**

## Workshop schedule

Wednesday, 13. September 2023

9:00 – 10:30	<b>Session 1: Introduction, scope and goals</b> Alignment of writing and audience
10:30 – 11:00	<i>Break</i>
11:00 – 12:30	<b>Session 2: The story: relevance, evidence, claim, discussion</b> What is the story of a paper? Efficient and effective abstract writing
12:30 – 13:30	<i>Lunch break</i>
13:30 – 15:00	<b>Session 3: The content: efficient and effective writing</b> Power of position Cohesion and coherence Front loading vs hour-glass
15:00 – 15:30	<i>Coffee break</i>
15:30 – 16:30	<b>Session 4: Analytical reading</b> Figures and Tables Group work: What works best?
16:30 – 17:00	<b>Recap and homework</b>

Thursday, 14. September 2023

9:00 – 12:30	<b>Session 5: Adding meat on the bones</b> Analytical reading for better writing Improving clarity Apply the tools to your own work!
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