MIM course

General principles of scientific writing

When? / Were?

08. September 2020: 9:00 – 17:00; [HIT K 51](http://www.mapsearch.ethz.ch/map.do?gebaeudeMap=HIT&farbcode=c070&lang=de)

09. September 2020: 9:00 – 12:30; [HCP E 47.1](http://www.mapsearch.ethz.ch/map.do?gebaeudeMap=HCP&farbcode=c070&lang=de)

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

- independently write a research report according to scientific practice.

Final assignment:

Short research report to be submitted by 16. September 2020

ECTS credits: 1

Language of instruction: English

Costs: none

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:

Angela Falleger

Lea Fuchs

Ana Katic

Florian Ingelfinger

Häfliger Janine

Osinni Ivan

Lentsch Verena

Désirée Schmitz

Paula Belles Sanchez

Chiara Rickenbach

Maria Paula Rueda Mejia

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# Workshop schedule

Tuesday, 08. September 2020

9:00 – 10:30 **Session 1: Introduction, scope and goals**

Alignment of writing and audience

10:30 – 11:00 B*reak*

11:00 – 12:30 **Session 2: Evidence, claim and relevance/consequence**

What is a good hypothesis / scientific question?

Better reader = better writer

Scientific abstract writing

12:30 – 13:30 *Lunch break*

13:30 – 15:00 **Session 3: Practice of and advise for scientific writing**

Basic style guide / editing

Figures and Tables

15:00 – 15:30 *Coffee break*

15:30 – 16:30 **Session 4: Practice of and advise for scientific writing II**

Group work: What works best?

The panic monster

16:30 – 17:00 **Recap**

Wednesday, 09. September 2020

09:00 – 10:30 **Session 5: Cover letter, review and rebuttal**

Audience, perspective of others

Why should I care?

Submitted your paper, what’s next?

10:30 – 11:00 B*reak*

11:00 – 12:30 **Session 6: Start writing and conclusion**