

Half-Day Webinar Agenda for Tokyo Institute of Technology

Summary and objectives: The goal of this workshop is to help researchers improve their chances of publication success in highly selective journals like Nature as well as maximize the impact of their research after publication. This webinar will provide practical insights and strategies to help attendees achieve this goal.

The webinar contains numerous interactive elements and activities to stimulate engagement amongst participants. A workbook will be available for the attendees to download before the webinar begins, and a recording of the webinar will be available for the attendees to review for 30 days after the webinar has concluded.

Because participant attention in online webinars is often less than that of face-to-face workshops, we will be offering this half-day workshop over two 2-hour webinars. These can be delivered on the same day (e.g., morning and afternoon) or on consecutive days, whichever is more convenient and beneficial for the attendees.

Webinar 1: Effective academic writing

Section 1: Importance of clearly communication (10 min)

This short introductory section discusses the challenges that readers have when reading complex scientific ideas, and emphasizes the importance of keeping the reader in mind.

Section 2: Logical flow and structure (40 min)

This section reviews strategies to keep writing concise and improve the flow of ideas in academic papers to ensure that people can read these articles quickly and easily.

Break and Q&A (10 min)

Section 3: Improving readability (35 min)

This section guides attendees on how to improve clarity and readability when communicating complex scientific ideas to their readers to avoid confusion and misinterpretation.

Section 4: Common mistakes (15 min)

This final section highlights common mistakes academics make, particularly Japanese authors, and how to avoid them in their writing.

Final Q&A (10 min)

Webinar 2: Logical manuscript structure

Section 1: Before you begin (10 min)

This short introductory section discusses strategies on preparing an effective plan before the writing begins.

Section 2: Introduction (20 min)

This section discusses how to establish the author's subject expertise by effectively introducing the topic of the paper and the important research question in the field that serves as the motivation for the study.

Section 3: Methods (15 min)

This section guides attendees on what needs to be communicated in the Methods section to establish their technical expertise, which is essential in the reviewer's assessment of the study design as well as helps the field build off the research after publication.

Break and Q&A (10 min)

Section 4: Results (15 min)

This section reviews how to highlight the important patterns and trends among the data found in the figures of the paper so readers understand their significance.

Section 5: Discussion (25 min)

This section discusses how to emphasize the study's importance for the field by synthesizing the significance of the presented findings in the context of what is currently known and how this will impact the field's advancement.

Section 6: Titles and Abstracts (15 min)

This last section highlights the importance of titles and abstracts to give the best first impression of the study to the readers in the field, as well as key strategies to ensure these are written clearly and impactfully.

Final Q&A (10 min)