Special Tutorial 1

Inside Nature Portfolio: What Editors Look for in Research Papers and Tips for Scientific Writing and Publishing?

Natalie Lok Kwan Li, PhD
Senior Editor, Nature

Abstract:

In this talk, Natalie will give an overview of Nature and Nature Portfolio journals and outline how the editorial and peer review process works – in particular, what editors look for in a great paper and how editors select peer reviewers. She will share tips on writing and submitting manuscripts from initial submission to revisions, including communicating research effectively in cover letters and rebuttal responses. She will also discuss Nature Portfolio's policy on artificial intelligence and reporting standards, as well as initiatives on supporting early career and underrepresented groups of researchers. Finally, she will offer suggestions on how early career researchers can prepare for scientific publishing, whether they aim to submit their own papers or pursue a path as an editor.

Special Tutorial 2

Responsible Manuscript Preparation in the Age of Generative AI: A Practical Guide for Researchers

Geraldine Echue, PhD
Deputy Editor, Wiley-VCH

Abstract:

Generative AI tools are rapidly transforming the research landscape. Whether you're exploring AI to enhance research efficiency or support academic writing, using AI responsibly helps maintain the originality, integrity, and ethical standards of your work.

This session provides a practical overview of the evolving role of AI in scholarly publishing, from manuscript preparation and literature evaluation to language enhancement and peer review. Topics include best practice for using AI tools effectively, current expectations for AI reporting in manuscripts and examples of common author mistakes from real-world editorial experience. The talk will also cover Wiley's policy on AI use and highlight our AI-powered tools for manuscript screening, plagiarism detection and data visualisation.

From manuscript preparation to publication, this presentation offers practical guidance for publishing success, to help researchers make informed and responsible choices about the use of AI in their research and writing.