

ECR Sunrise Seminar:

AI in Scientific Research and Publishing—Revolution or Risk?

Presented by the ECR committee members with special guests

Chairs :

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Artificial intelligence is rapidly reshaping the landscape of scientific research and publishing, enhancing efficiency, accuracy, and accessibility across multiple stages of the research process. Yet, as AI tools become increasingly integrated into academic workflows, concerns arise: Does AI improve research integrity, or does it introduce errors, biases, and homogenized writing? How can researchers harness AI's potential while avoiding pitfalls such as misinterpretations, unsubstantiated claims, and citation inaccuracies?

In this interactive sunrise session, we bring together scientists at different career stages to share diverse perspectives on AI's role in research and publishing. Through an open discussion of both benefits and risks, we will explore best practices for responsible AI usage. Rather than replacing human expertise, can AI complement it in meaningful and thought-provoking ways? Join us as we work towards guidelines for integrating AI in research while maintaining scientific rigor, originality, and ethical standards.