

# Open Science Days Talk Abstract

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## **Reproducibility and the ReproducibiliTea Initiative**

Reproducibility and replicability are hallmarks of good science. Yet, a significant portion of published research in many scientific fields, including biomedicine, cannot be reproduced. As the scientific process continually evolves, a field known as metascience—dedicated to studying and improving the methods and practices of science itself—has emerged.

The ReproducibiliTea movement, launched at the University of Oxford in 2018, is a grassroots initiative that helps researchers create local Open Science journal clubs to discuss diverse issues, papers, and ideas to improve science. As part of this global effort, we have recently established a journal club in Lund to explore challenges in reproducibility within biomedicine and the wider scientific landscape. This presentation will introduce you to the ReproducibiliTea initiative and offer insight into the discussions happening at our journal club in Lund.