

# MEASURING THE QUALITY OF EDITORIAL PEER REVIEW REPORTS

**Peer review** is the process of subjecting an author's work to the review of peers who are experts in the same field in order to spot any mistakes or bias and to ensure the quality of scientific research. Despite being a longstanding and established process, its efficacy is still controversial and it needs to be improved. For this purpose, we need **appropriate outcomes**, particularly tools to measure the quality of peer-review reports.

Our project identified and analyzed all **existing tools used to measure the quality of peer-review reports** in biomedical research.

## MAIN FINDINGS

Most **existing tools**:

- Did **not define** the concept of quality
- Were **not developed according to sound methods**
- Were **very diverse** in terms of concepts evaluated
- **Neglected important domains**

**Need to DEVELOP a NEW TOOL**  
(third phase of the project)

