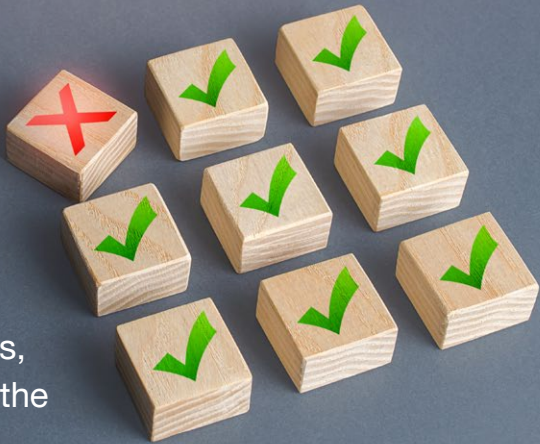




Ensuring Research Integrity

While simple errors can lead to research integrity issues, cases are now becoming increasingly complex across the research publishing landscape.

Research Misconduct is becoming a growing problem?

Intense competition



Increased focus on output volume is threatening the quality of published science

Data fabrication



8% of scientists admitted to falsifying and/or fabricating data at least once.

Over 10% of researchers in medicine and life sciences admitted to committing this type of fraud.



More than half of 7,000 scientists engaged in 'highly questionable research practices.'

Threatening the integrity of peer review

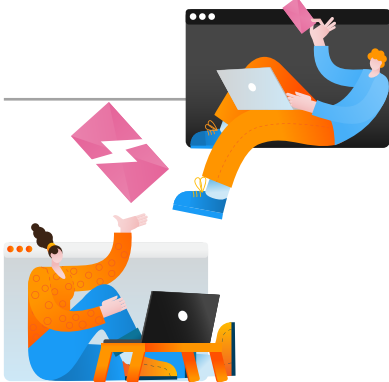
Conflict of interest



Unresolved conflicts of interest may jeopardize research

Recommending potential peer reviewers

Increasing incidence of peer-review malpractice has been linked to allowing authors to suggest reviewers



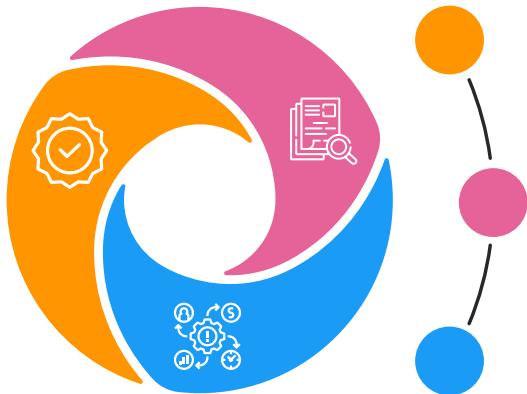
Article retraction



The increased volume of retractions demonstrates the magnitude of this problem



Everyone has a role to play in maintaining integrity of the published literature



Publishers should publish only high-quality research that provides a comprehensive, rigorous, and transparent account of the research findings.

Journal editors must ensure that large submission volumes do not get in the way of rigorous manuscript screening and assessment.

Journals should avoid lowering their quality standards, regardless of time and revenue constraints.