

AVOIDING ETHICAL VIOLATIONS:

a primer for authors

	Issue	How to avoid
Plagiarism	Using another person's text, figures, graphs, or data without attribution	Be sure to cite work from other sources.
Self-plagiarism	Re-using data or text from your own previously published paper	Ensure that all data and text are new and original for each paper, including control experiments.
Falsification of data	Manipulating data so that the published figure does not exactly match the original	Ensure that no specific feature is enhanced, obscured, moved, removed, or introduced. Groupings of images must be disclosed. Images must be uniformly adjusted and must not obscure, eliminate, or misrepresent any information present in the original image. Keep all original data.
Fabrication of data	Making up data to improve the experimental results	Make sure that the results are accurately represented.
Conflicts of interest	Not disclosing any actual or perceived conflict that could affect scientific judgment	Make certain that any affiliations, financial relationships, personal relationships, or funding sources that could be perceived as influencing an author's objectivity are disclosed.
Animal and preclinical research studies	Not reporting research using animals in a transparent manner	Ensure that all research has been reviewed and approved by an Institutional Animal Care and Use Committee. Consult the ARRIVE guidelines for reporting animal research.
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