

## Guidelines for article publishing

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### ABSTRACT

With papers from the journals listed above, now in several major databases and with the application of unique DOIs (Digital Object Identifiers) to all individual articles, we are publishing the following advice and revision of guidelines for our authors. This advice reflects the current status of academic online publishing.

**Key words:** plagiarism, duplicate publications, DOIs

### Introduction

Most publishers have adopted the use of unique DOIs on papers in their online journals. This facilitates the identification and therefore citation, of papers. It also allows for a better recognition of plagiarism and readily identifies duplicate publications on online databases.

The International DOI Foundation (IDF), is a not-for-profit membership organization that is the governance and management body for the federation of Registration Agencies providing DOI services and registration, and is the registration authority for the ISO standard (ISO 26324) for the DOI system. The DOI system provides a technical and social infrastructure for the registration and use of persistent interoperable identifiers, called DOIs, for use on digital networks. (1)

Publishers pay an annual fee for the allocation of DOIs.

Such a facility provides easier access and identification of published papers but also has an imperative that each article be unique and properly indexed.

Most journals have full Author Guidelines and comply with the COPE Code of Conduct. Visit [http://publicationethics.org/files/u2/New\\_Code.pdf](http://publicationethics.org/files/u2/New_Code.pdf) for full details.

I follow with a worthy checklist to better guard against various forms of research misconduct, from an article originally published in the Middle East Journal of Family Medicine.

Research misconduct encompasses a vast array of behaviours, from very serious research misbehaviour such as data fabrication to the less serious aspects such as authorship disputes. It would be possible to categorize very serious misbehaviours as research fraud and less serious types as questionable research practices.

From one hand, evidence suggests that different research misconduct, either research fraud or questionable research practices might have substantial damaging impact on the advancement of human knowledge. On the other hand, some novice and young researchers might innocently commit such misconduct. Therefore, the aim of the present article is to overview diverse types of research misconduct.

### **Data fabrication and data falsification**

Data fabrication means inventing fake data whilst data falsification implies distorting existing data to obtain some specific results. Both of these research misbehaviours are among the most serious research misconduct i.e. research fraud.

### **Plagiarism and self-plagiarism**

Plagiarism implies stealing other people's ideas and self-plagiarism means stealing one's own idea both without providing proper attribution. Plagiarism and self-plagiarism could start from one sentence and might extend to one paragraph and even a full article. Plagiarism especially in larger text copying is categorized as research fraud.

### **Duplicate publication, redundant publication and salami publication**

Duplicate publication indicates publishing two identical articles whilst redundant publication involves publication of two rather similar articles. Salami publication also denotes publishing two or more articles from a single study. It should be noted that only large epidemiological studies might permit publication of more than one article. Whilst duplicate publication can be categorized as a serious research misconduct, redundant and salami publication might be considered as less serious forms.

### **Failing to gain approval for the research proposal from an ethics committee for research**

Failing to gain approval for the research proposal from an ethics committee for research could be regarded as a serious type of research misconduct. This gets worse when the proposal deals with interventional design in human subjects such as in clinical trials. Therefore, it is highly suggested that any research proposal should receive approval from an ethics committee for research.

### **Conducting research in humans and/or animals without considering ethical issues**

Approval for the research proposal from an ethics committee for research is a necessary but not sufficient step for avoiding research misconduct. In addition, researchers should take into account any relevant ethical approved guidelines when dealing with humans and/or animals subjects. Failing to consider such ethical issues could be regarded as serious types of research misconduct.

### **Ignoring outliers, ignoring missing data, reporting post-hoc analyses without declaring them**

Any wrong doings in the process of data analyses such as ignoring outliers, ignoring missing data, reporting post-hoc analyses without declaring them, could have serious impacts on the results. Therefore, it is necessary that researchers admit and declare any outliers and/or missing data. Furthermore, carrying out any type of post-hoc analyses should be declared in advance by the researchers.

### **Authorship disputes**

Authorship disputes encompass any disagreements between researchers about the names and orders of the authors in a given paper. Unfortunately, evidence suggests that such questionable research practice is rather common in different countries around the world. Therefore, it is up to authors to consider the authorship criteria in order to name in the right order only true authors and avoiding guest or ghost authorships.

### **Failing to disclose a conflict of interest**

Conflict of interest implies that researchers, reviewers and editors have a relationship either financial and/or non-financial to a person, school of thought, organization; etc that might cause unwanted impacts on the process of scientific publication. The most important way to avoid any research misconduct regarding conflict of interest is to disclose any possible conflicts before publishing a paper.

### **Failure to carry out a thorough literature review before commencing new research**

Failure to carry out a thorough literature review before commencing new research is judged to be a questionable research practice. The reason for this is too obvious, since inadequate literature review might lead to flawed or repetitive research. (2)

## **References**

- (1) [www.doi.org](http://www.doi.org)
- (2) Rezaeian M; A review on the diverse types of research misconduct, Middle East Journal of Family Medicine, Volume 12, Issue 7, September 2014