Responsible Authorship

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7-13 September 2012, Aqaba - Jordan
GREAT MANUSCRIPT!
BUT THE LAB CHIEF ALWAYS GETS LISTED FIRST.
Goal

Reveal the concept of responsible authorship
Objectives

At the end of the lecture you should be able to:

• Explain why it is important to publish

• Discuss the Qualification to be an author

• Differentiate between Authorship and Acknowledgment

• Analyze and Identify the role of author based on contribution.
What do we gain by publishing?

- To win a grant award
- For job promotion
- To get higher salaries
- Professional prestige
- To have tenure or non-tenure researchers
Qualifications to be an author

1. Substantial contributions to conception and design, or to the acquisition of data, analysis and interpretation of data.
2. Drafting the article or revising it critically for important intellectual content.
3. Final approval of the manuscript to be published.

Authors should meet conditions 1, 2, and 3.
Co-authorship should, if possible, be agreed upon when planning the publication.

All co-authors should approve the final version of the manuscript and thereby accept their responsibility for the publication. At lest one of the authors should take responsibility for each part of the manuscript.
Authorship: Including as co-authors all and only those individuals who meet the authorship.

Approval: Providing the draft of the manuscript to each individual contributing author for review and consent for authorship.

Integrity: The author is responsible for the integrity of the work as a whole, and ensuring that reasonable care and effort has been taken to determine that all the data are complete, accurate, and reasonably interpreted.
Acknowledgment can be granted for:

- solely supplying financial support or laboratory space
- solely contributing to data collection
- contributing with routine technical assistance
- providing general supervision to the research team
Differentiate between Authorship and Acknowledgment

Two months after joining a new research group, you are preparing to submit a manuscript based on work you had completed while in your previous position. Dr. Helix, one of your new colleagues, has just recommended that you include Dr. Spiral, the head of the new research group, as an author on the paper. When you point out that Dr. Spiral only revised the manuscript, Dr. Helix observes that adding Dr. Spiral’s name would improve the chances for publication and increase your prospects for advancement within Dr. Spiral’s research group.
Based on this information, should you add Dr. Spiral’s name to the manuscript?
Bad practices seen in some publications

**Fabrication**: making up data or results and recording or reporting them.

**Falsification**: manipulating research materials, equipment, or processes, or changing or omitting data or results such that the research is not accurately represented in the research record.

**Plagiarism**: the appropriation of another person's ideas, processes, results, or words without giving appropriate credit.
Analyze and Identify the role of author based on contribution
Please use the scale below to rank the level of your agreement or disagreement with each of the following statements;

A. Agree  B. Disagree
Authorship is appropriate for someone who has approved the final manuscript and ____

provided the idea for a critical experiment

A. Agree  B. Disagree
Authorship is appropriate for someone who has approved the final manuscript and ____ provided unpublished data to augment data obtained for the paper

A. Agree  B. Disagree
Authorship is appropriate for someone who has approved the final manuscript and _____

provided large amounts of unskilled work needed to complete the project

A. Agree        B. Disagree
Authorship is appropriate for someone who has approved the final manuscript and _____.

provided statistical analysis of data presented in the paper

A. Agree  B. Disagree
Authorship is not appropriate____

solely to advance a student’s career

A. Agree

B. Disagree
Authorship is not appropriate for someone who contributed to the work only on a fee-for-service basis

A. Agree
B. Disagree
Responsible Authorship

Publication

Authorship

Qualification

Responsibilities
Thank You .......