

## Workshop Synopsis

### Workshop Title: How to detect and avoid Scientific misconduct and plagiarism in medical research and writing

- **Workshop Facilitators**

***Dr Farooq Azam Rathore, FCPS (Rehab Med), OJT(USA)***

Consultant and Head of Department ,Department of Rehabilitation Medicine  
PNS Shifa Hospital, Karachi , Pakistan

Assistant Professor, Rehabilitation Medicine ,Bahria University Medical and  
Dental College, Karachi

Adjunct Clinical Assistant Professor, Faculty of Rehabilitation Medicine  
,University of Alberta, Edmonton , Alberta Canada

Dr Farooq Rathore has 94 publications including three book chapters to his credit. He is the executive board member of International Rehabilitation forum, Asia-Oceanian Society of physical medicine and rehabilitation and Pakistan Society of neuro-rehabilitation. He is national representative of Pakistan for International society of spinal cord and transverse myelitis association (USA). He has presented 50 papers in national and international medical conferences in Pakistan and abroad. He has won many awards including ISPRM 2009 Young Investigator award, Michael Moles Fellowship by the World Association for Disaster and Emergency Medicine (2011-13), Young Physician's Scholarship and Research productivity award (2011-2013) and AuthorAID mentor of the year award 2014. He has been awarded scholarships and travel grants of more than 39,000 USD in the last six years. He has conducted 47 workshops on different aspects of medical writing since March 2014 benefitting more than 1000 medical students, trainees and faculty members. These workshops have been featured at the AuthorAID.

<http://www.authoraid.info/en/news/details/707/>

<http://www.authoraid.info/en/news/details/725/>

<http://authoraid.info/en/news/details/795/>

<http://www.authoraid.info/en/news/details/901/>

<http://www.authoraid.info/en/news/details/902/>

2. Co- Facilitator: ***Dr.Nasir Mansoor FCPS (Rehab Med),M.Sc***

Consultant, Department of Rehabilitation Medicine Combined Military Hospital  
Panoaqil Cantt

Dr Sahibzada Nasir Mansoor has 32 publications including a book chapter. He member of International society of physical and rehabilitation medicine (ISPRM) WHO liaison subcommittee on Community based rehabilitation. He has presented 22 oral papers in national and international medical conferences in Pakistan and abroad. He has won Emerging Nations Science foundation travel grant to present his research at ISPRM 2013 annual conference at Beijing.

### **Workshop Abstract**

Biomedical Research and medical writing are still underdeveloped in the low resourced regions of the world. Often the doctors and medical students are unable to find a mentor or medical writing workshop that can facilitate their quest for learning the art of medical writing. There is no formal training in ethical aspects of medical research and writing at the under-graduate or post graduate level in most of the medical schools around the globe. Even faculty members are not clear about the implications of indulging in deliberate or in-deliberate plagiarism. Whereas the number of retractions and fraudulent papers is on the rise. This has been further complicated by a sudden rise in the number of predatory journals.

This 4 hours' workshop will benefit physicians, allied health care professionals and students involved in biomedical research and writing. It will them understand the ethical concerns in medical research and writing The anticipated benefits for the participants of the proposed workshop are as follows.

1. Primary aim of the workshop will be introduce the concepts and value of conducting ethical research and to understand the importance of falsification, fabrication and plagiarism

2. It will result in better understanding of different forms of questionable medical writings including duplicate publications, salami publications, redundant publications and duplicate publishing.
3. It is expected that this workshop stimulates these young students/ researchers/residents to share the skills and knowledge learned with other colleagues and co-workers so as to further enhance the understanding the value of following ethical principles in medical research and to refrain from all forms of unethical medical writing including falsification, fabrication and plagiarism

- **Workshop Objectives and Expected Outcome**

*Objectives*

- To give an overview of the different ethical concerns in medical research and writing
- To describe the important types of questionable medical writings
- To describe the importance of avoiding plagiarism and unethical medical research

*Expected Outcomes*

- Participants will learn about the different forms of questionable practices in medical research and writing
- Participants will learn about the implications of indulging in deliberate
- Participants will learn about different plagiarism detection softwares and how to use them to screen their manuscripts before submission.

## Workshop Schedule

1. The workshop will be interactive .Teaching will be through PowerPoint slides and hands on training session will be conducted
2. There will be 2-3 hands on exercises related to different aspects of ethical aspects of medical research and writing
3. The planned topics are

- Ethics in medical research and bio-medical writing: Past, present and future perspectives
- Ethical issues in medical research
- Falsification, fabrication and Plagiarism
- Why plagiarism is a serious offense in current academic environment?
- Understanding different forms of Unethical publishing
- How to avoid Plagiarism and scientific misconduct: Tips and advice
- An overview of the Plagiarism detection softwares
- The rising menace of predatory journals and conferences
- Summary and Take home message