



The Challenge of Communicating Biomedical Research to the Public

Prof. Dr. Riffat Mehboob[†]

[†]Lahore Medical Research Center^{LLP}, Lahore, Pakistan
riffat.pathol@gmail.com

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Biomedical Research is a key field with the potential to significantly enhance medical results and save lives. It can be difficult to convey the results of this kind of research to the general audience, though. The public frequently has a limited knowledge of the research process and the significance of new findings, despite the significant work that researchers are performing in laboratories and clinics all around the world. Scientists and healthcare professionals are faced with a dilemma since they need to develop strategies for effectively sharing their research and interacting with the public in order to foster trust and understanding [1]. The intricacy of the topic is one of the major obstacles to effectively explaining biomedical research to the general audience. Many biomedical research studies use complex scientific terminology and technical jargon that is challenging for laypeople to comprehend. Additionally, some studies may deal with contentious subjects like gene editing or stem cell research, which might be difficult to convey in an understandable way. Scientists and healthcare professionals must discover ways to simplify complex concepts in order to make their results accessible to a larger audience [2]. The influence of the media and false information is another difficulty in explaining biomedical research to the general population. The media may be very helpful in spreading the word about new research findings, but it also has the potential to confuse and mislead the public by sensationalizing or misrepresenting study findings. Furthermore, the emergence of social media has facilitated the transmission of false information, posing difficulties for researchers who must traverse a sea of contradictory data and shifting degrees of public confidence [3]. Researchers and healthcare professionals must interact with the public in novel and creative ways in order to overcome these obstacles. For instance, they can share their study results with a larger audience through social media and other digital channels. To guarantee accurate and ethical reporting of their activities, they can also cooperate with journalists and media organizations. They can also collaborate with neighborhood associations and patient advocacy groups to foster public confidence and understanding. Overall, researchers and healthcare professionals must continually engage in and innovate to meet the issue of conveying scientific research to the general population. They can create a more educated and involved public and, in turn, enhance healthcare results and everyone's quality of life by figuring up fresh and efficient methods to share their work with the world.

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