Advancing medical and biological research: a call for innovation and collaboration

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As we navigate the complexities of the modern world, the pursuit of scientific understanding in medical and biological research becomes increasingly vital (Betz et al., 2023). The Asian Journal of Medical and Biological Research (AJMBR) stands as a beacon in this pursuit, dedicated to the dissemination of high-quality and innovative research spanning a vast array of disciplines (Akter et al., 2015; Dar et al., 2015; Mahmud et al., 2015; Mojumder et al., 2015; Borty et al., 2016; Mohanta et al., 2016). With a focus encompassing Medical Science, Dental Science, Veterinary Science, Environmental Science, Food Science and Nutrition, Marine Science and Fisheries and beyond, AJMBR serves as a platform for the exchange of knowledge and ideas that drive progress and innovation in these critical fields (Borty et al., 2015; Rahman et al., 2016; Hossain et al., 2017; Islam et al., 2017a; Hoq et al., 2018; Mondal et al., 2024).

In the realm of Medical Science, research is not merely a pursuit of knowledge but a commitment to improving human health and well-being (Tannenbaum, 2019; Islam and Hossain, 2021; Majumder et al., 2021). From novel treatment modalities to innovative diagnostic techniques, the contributions of researchers in this domain are indispensable (Monwar et al., 2018; Rahman et al., 2020; Rahaman et al., 2023a, 2023b). AJMBR invites scholars and practitioners alike to share their insights and discoveries, fostering a collaborative environment where ideas can flourish and solutions to pressing medical challenges can be found.

Similarly, in the realm of Biological Sciences, the interconnectedness of living organisms and their environments presents a myriad of opportunities for exploration and discovery (Ahmed et al., 2016; Hasan et al., 2016; Yeasmin et al., 2016). Whether studying ecosystems, genetics, or the intricate workings of cellular and molecular processes, researchers in these fields play a crucial role in unraveling the mysteries of life itself (Gofur, 2020; Hossen, 2021; Mustari et al., 2021). AJMBR welcomes submissions that push the boundaries of knowledge in these areas, paving the way for a deeper understanding of the natural world and its inhabitants.

Moreover, AJMBR recognizes the importance of interdisciplinary research in addressing complex issues that transcend traditional disciplinary boundaries (Gisèle et al., 2016; Islam et al., 2017b). By fostering collaboration between researchers from diverse backgrounds, AJMBR aims to facilitate the integration of knowledge and methodologies from various fields, ultimately leading to more comprehensive and impactful discoveries. As we look to the future, the challenges facing medical and biological sciences are immense, from emerging infectious diseases to environmental degradation and food security concerns (Merza et al., 2019; Tama et al., 2020). However, with dedication, creativity, and collaboration, we have the potential to overcome these challenges and build a healthier and more sustainable world for future generations.

At AJMBR, we take pride in our rigorous peer-review process, which ensures the quality and integrity of the research published in our journal. Each manuscript undergoes thorough evaluation by experts in the respective
fields, providing valuable feedback and guidance to authors while upholding the highest standards of scientific rigor and integrity. It is through this meticulous review process that AJMBR maintains its reputation as a trusted source of cutting-edge research and scholarship.

Furthermore, we are pleased to announce that AJMBR is indexed in several prestigious databases, including BanglaJOL, CAB Abstracts, Chemical Abstracts Service (CAS), Crossref, and Global Health (CAS, 2023; COPE, 2023). These indexing services enhance the visibility and accessibility of our published content, facilitating broader dissemination and impact within the global scientific community. Additionally, AJMBR is a proud member of the Committee on Publication Ethics (COPE), reaffirming our commitment to upholding ethical standards and best practices in scholarly publishing. As part of our ongoing efforts to expand our reach and impact, AJMBR is actively pursuing inclusion in additional databases, such as the Directory of Open Access Journals (DOAJ), Scopus, PubMed and the Web of Science (WoS). These initiatives aim to elevate the visibility and recognition of AJMBR on a global scale, further solidifying our position as a leading publication in the field of medical and biological research.

We express our sincere appreciation to all those who have played a role in the success of this journal. Your commitment and enthusiasm for scientific exploration have been instrumental in driving our ongoing progress and achievements. The authors, through their innovative research and scholarly contributions, serve as the foundation of our publication, while the reviewers offer invaluable expertise and critical perspectives that uphold the rigor and quality of the research presented in AJMBR. Additionally, the guidance and oversight provided by our esteemed editorial board members are essential in maintaining the journal’s standards of excellence and shaping its trajectory. Together, our community of authors, reviewers, editors, and readers collaborates tirelessly to advance research and uphold excellence in the field of medical and biological sciences.

Let us continue to embrace diversity, foster collaboration, and push the boundaries of knowledge in pursuit of improving human health and the global environment.

Since its launch in June 2015, the Asian Journal of Medical and Biological Research (AJMBR) has been dedicated to providing unwavering support to the global community of medical and biological research endeavor. Over the years, we take immense pride in our accomplishment of publishing a total of 549 scientific papers, each making a significant contribution to the vast body of knowledge in various areas of medical and biological science (Amin et al., 2016; Munsi et al., 2016; Rakib et al., 2016). The AJMBR has served as a trusted platform for researchers, scholars, and practitioners from around the world to disseminate their findings, share insights, and engage in meaningful dialogue. By fostering collaboration and knowledge exchange across diverse disciplines within the medical and biological sciences, AJMBR has played a pivotal role in advancing scientific understanding and addressing pressing challenges facing humanity. From groundbreaking discoveries to innovative methodologies, AJMBR continues to contribute to the collective body of knowledge, ultimately driving progress and improving outcomes in healthcare, environmental conservation, and beyond. As we look to the future, AJMBR remains committed to its mission of supporting and amplifying the efforts of the global research community, empowering researchers to make meaningful contributions to the betterment of society and the world at large.

**Ethical approval and informed consent**
Not applicable.

**Data availability**
Not applicable.

**Conflict of interest**
None to declare.

**Author’s contribution**
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**References**


CAS, 2023. Chemical Abstracts Service Source Index, Asian Journal of Medical and Biological Research. https://cassi.cas.org/publication.jsp?P=eCQtRPJo9AQyz133K_ll3zLPXfcr-WXfgEfHIIH3oZe1ze5Ye83aa8NS1x3rsy0II_L00beaURuAhoSXRL-_rvJ8QYN4y2h3U4X7EJR1GX0Buoyz133K_ll34pkgSJKvF3Fl43pNFrWMZysz133K_ll39NxTPfuNxBj_u0gBhk8KU. Accessed.


Monwar M, A Khatun, M Parvez, T Naz, MII Wahed, ME Haque, SC Debnath and MI Khan, 2018. Clinical


