



An Editorial on Exploring the Nexus of Biology, Environment, and Agriculture through Transparent Research

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We are proud to introduce the *Journal of Biological Research Communication (JBRC)*, an international, scholarly, peer-reviewed, open-access journal published by the Biological Research Communication Society, India. JBRC will provide a robust and representative platform for high-quality scientific communication, with a strong emphasis on methodological rigor, reproducibility, and ethical publishing practices. The journal encourages evidence-based, multidisciplinary research contributions that address both fundamental and applied biological questions of regional and global relevance, including those related to environmental concerns.

Three issues will be published annually in April, August, and December. We are pleased to announce the first issue of the *Journal of Biological Research Communication* (Volume 01, Issue 01), scheduled for publication in August 2026. Each issue will include research articles, review articles, and letters to the editor, with a focus on current and interlinked challenges in modern biological research and its applications to agriculture, the environment, and health. Published under the Creative Commons Attribution 4.0 International License, the journal promotes broad dissemination of research by ensuring free access and sharing in support of open science. This inaugural issue establishes the foundation for the journal's long-term vision as a platform for high-quality scientific exchange. The *Journal of Biological Research Communication* is committed to providing unrestricted, free access to researchers and professionals worldwide. The journal publishes original research articles, review papers, short communications, methodological papers, and technical notes across all major disciplines of biological sciences, including molecular biology, cell biology, genomics, proteomics, microbiology, immunology, biochemistry, biotechnology, bioinformatics, agriculture, animal sciences, plant sciences, biodiversity, ecology, environmental pollution, human health, and climate-related issues.

Biological communication refers to the transfer of information within and between organisms across hierarchical levels from molecular to ecological that influences behavior and physiological processes. Biological communication also has important applications across sectors. In agriculture, it informs pest management strategies targeting both harmful and beneficial species. In environmental conservation, it supports habitat protection for species interactions. Additionally, shifts in communication patterns can serve as sensitive indicators in environmental monitoring, providing early warnings of ecological stress.

Aligned with the United Nations Sustainable Development Goals (SDGs), biological and environmental research contributes to sustainable development in several key areas:

- **SDG 6: Clean Water and Sanitation:** Ensuring the availability and sustainable management of water resources and sanitation.
- **SDG 13: Climate Action:** Addressing climate change through mitigation and adaptation strategies.
- **SDG 14: Life Below Water:** Conserving and sustainably using marine ecosystems and resources.
- **SDG 15: Life on Land:** Protecting terrestrial ecosystems, promoting sustainable land use, and conserving biodiversity.



These goals emphasize the importance of integrated scientific research in sustaining ecosystem health and environmental security.

The *Journal of Biological Research Communication* is dedicated to publishing rigorous and impactful studies that advance scientific knowledge, enhance understanding of biological systems, and drive innovations with meaningful implications for public health, medicine, and the environment. As the journal evolves, we aim to foster a global network of researchers and professionals committed to excellence in the life sciences.

We invite researchers and experts worldwide to join our Editorial Board and contribute to guiding the journal's future. We also welcome submissions for forthcoming issues and special themes, with a focus on addressing contemporary challenges and emerging trends in biological research. We extend our sincere gratitude to our readers, authors, and reviewers for their continued support, and we look forward to a successful and impactful journey [ahead](#).

Dr. Dinesh Kumar

Editor-In-Chief

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