

## **Editorial**

# **Integrating Knowledge for Advancing Life Sciences**

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Editor-in-Chief

*Journal of Applied and Integrative Biology*

We are pleased and feel very responsible to introduce the first issue of the Journal of Applied and Integrative Biology (JAIB). The appearance of this journal is also a significant step toward the development of interdisciplinary discourse and the promotion of scientific knowledge under a variety of rapidly developing spheres of life sciences.

The modern-day biological research has ceased to be limited to the conventional disciplinary scope. Biological questions of intricate nature, such as human health and disease, agriculture, environmental sustainability, or biotechnology are intrinsically integrative problems that require the use of molecular biology, bioinformatics, systems biology, computational techniques, and applied sciences. In response to this requirement, the Journal of Applied and Integrative Biology is being set up as a new mode of publication aimed at providing a high-quality publication that cuts across the basic biology to applied and translational approaches.

JAIB is a freely available peer-reviewed biannual journal dedicated to the free and international distribution of scientific information. We hope to increase the awareness and relevance of published work by eliminating barriers to access so that scholars, educators, clinicians, and policy makers across the globe can use the findings that we report in our pages. The journal accepts original research articles, reviews, short communications and technical reports that add value to the knowledge and practice of integrative biological sciences.

The first issue (Volume 1, Issue 1) can be considered representative of the interdisciplinary nature of the journal, with the contributions using methods of transcriptomic analysis, machine learning, and computational biology to solve the burning problems of human health. Such contributions are what JAIB hopes to encourage later on, specifically the innovative, cross-disciplinary research which, as well as contributing to the growth of theoretical knowledge, has a chance of being applied in practice.

Our mission is to keep scientific rigor and ethical integrity. All papers to JAIB are peer-reviewed in a single-blind process by scholars in the relevant area. We follow the accepted publication ethics rigorously and promote transparency, reproducibility, and responsible research. The editorial and the reviewer panels consist of well-established scholars in various fields of the life sciences and their professionalism is the guarantee that the review process is carried out fairly, constructively, and in a timely manner.

I would like to thank the authors of this first issue, the associate editors and reviewers, who gave their precious contribution to this young journal, and the academic community, which supported and encouraged the journal. The success of a journal is finally based on the cumulative

efforts of researchers who are convinced about the usefulness of knowledge sharing in the best interest of science.

Scientists and researchers worldwide are welcome to submit articles on the future issues of the Journal of Applied and Integrative Biology. We believe that this journal can become a valuable platform of promoting the research in the life sciences sphere and discussing the biological issues of our era with the help of the joint work and integrative thinking.

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