

Currents trends in Biotechnology

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Editorial

Journal of Biochemistry and Biotechnology devoted for publishing the topics related to chemistry of biological systems and the application of technology in the chemistry of the systems, updates of advancements in these areas which are of original research with high quality. The area of biochemistry and biotechnology is a broad field and has many subdivisions as clinical, plant and animal biochemistry, molecular biology, metabolism, bimolecular plant biochemistry, plant molecular biology, microbial and molecular genetics, DNA finger printing, micropropagation, and plant biotechnology including plant genetic engineering, new molecular tools and techniques, genomics & bioinformatics. Which will in turn help the research community to update themselves with the recent developments in biochemistry and Biotechnology. Hence this journal gives platform to many new and young researchers to bring their work of research to world wide readers and get their recognition. This journal provides a forum for case studies and practical concepts of biotechnology, utilization, including controls, statistical data analysis, problem descriptions unique to a particular application, and bioprocess economic analyses. This journal focus on the advancements in both academic and industrial aspects.

Editors of Journal of Biochemistry and Biotechnology play a crucial role in the development of the Journal globally as their guidance, effort and continuous suggestions have aided Journal's growth. Our editors consider all forms of diversity when inviting potential reviewers and routinely ask invited reviewers to consider gender balance, ethnic and geographical diversity, and career stage diversity when suggesting alternative reviewers in the event that they must decline our invitation.

Our Editorial Board members are instrumental providing a rapid and efficient editorial process and maintaining high standards within our publication. We would like to take this opportunity to thank you for the effort and expertise that you contribute to reviewing, without which it would be impossible to maintain the high standards of peer-reviewed journals. Double blind Peer Review process is the back bone of the Journal as this is the main filtering for quality research articles which can have great exposure globally. For the success of any journal, reviewers are an essential part and therefore the reviewers merit sincere appreciation. Journal relies on the efforts and benevolence of the reviewers on assessing the suitability of a manuscript for publication in journal of health policy and management. The inputs of reviewers are frequently used in improving the quality of a submitted manuscript. The reviewing of a manuscript is very essential to assure the quality of the manuscript published in any journal. I thank all reviewers for their excellent contributions.

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Research on Immobilization of firefly luciferase on the cell plasma membrane as a quantitative biosensor for measurement of ATP in the pericellular space in live mammalian cells was published by Khue Vu Nguyen, Kefeng Li and Robert K Naviaux who found pmeLUC2 dual-function reporter construct has shown to fluorescent and bioluminescent and could detect pericellular ATP at concentrations under physiological conditions [1,2]. The method used for the construction of our pmeLUC2 probe may pave the way for new strategies applicable to rational pmeLUC design. Its use in live cells and organisms, especially for identifying a new pathway for ATP secretion as a signaling molecule, promise to further expand its utility [3].

“Enzymology of the national microorganisms of Japan in a historical context” was contribution of Eiji Ichishima who stated that since old days, Japanese people have produced alcoholic drinks using rice as the main raw material. Almost all the traditional fermented foods in Japan have been developed using with malted rice using *Aspergillus oryzae* [4]. The year of 1894 saw the true beginning of modern microbial enzyme technology, with “Taka-diastrase.” Examples of major medicines that have been used continuously or more than 100 years include Adrenalin, Aspirin and Taka-diastrase. Modern enzymology in Japan is advancing by quantum leaps over 100 years. All described in the text are widely recognized worldwide [5,6]. Leading studies of enzymology have introduced new systems which are at the forefront of modern biotechnology.

While many members will continue to serve on the editorial board of the Journal of Biochemistry and Biotechnology, others have generously chosen to rotate their position to offer other scientists the opportunity to gain experience performing editorial duties.

Finally, I would like to thank you, the contributors and readers for your interest in the journal and I encourage you to continue to send us your valuable feedback and ideas for further improvement of journal. The world is changing, are you ready to read the top biochemistry and biotechnological Innovations? Then you are most welcome to share your knowledge in our esteemed Journal of Biochemistry and Biotechnology.

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