

Editorial

Journal of Biochemical and Pharmacological Research: A New Platform for Publication of Biomedical Research Findings

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Biochemistry is a discipline that studies chemical reactions and metabolic processes that take place inherently in all living organisms. These inherent reactions and metabolic processes are regulated through interplay between DNA, proteins, lipids, and carbohydrates. Further, they are not only involved in all the aspects of cellular fate such as proliferation, differentiation, autophagy, apoptosis, and necrosis in normal biological cycles, but, when deregulated, can also lead to various pathologies ranging from metabolic syndrome to cancer and neurodegeneration. On the other hand, pharmacology is a discipline that broadly investigates the effects of therapeutic agents and/or exogenous stimuli on living organisms' inherent reactions and metabolic processes. These exogenous stimuli include, but are not limited to, drugs including natural and synthetic chemical agents or xenobiotics, hypoxia, hyperthermia, hypothermia, exercise, heavy metals, and oxidative stress. As cell metabolism can be constantly modified or modulated by therapeutic agents and/or exogenous stimuli, research areas traditionally dealt with by biochemistry can now significantly overlap with those covered by pharmacology. Hence there is a close association between biochemical research and pharmacological research.

Journal of Biochemical and Pharmacological Research (JBPR), a new open access journal, will cover all the areas of

research mentioned above. In welcoming the launch of JBPR and the publication of this inaugural issue, I would like to take this opportunity to thank Ms. Maggie Yang of Research Publisher Inc. for her encouragement and support and would also like to thank the eminent editorial board members for their willingness to serve on the editorial board of JBPR.

So what distinguishes JBPR from other biochemical and pharmacological journals? While JBPR will publish all areas of biochemical and pharmacological research, it will be particularly interested in publishing 1) studies concerning the effects of stresses (both beneficial and detrimental), drugs, chemicals, and expected therapeutic agents on the inherent chemical reactions and metabolic processes that are essential for cell defense, survival, proliferation, and regeneration; and 2) investigations that involve transformation of basic research into translational research or clinical studies that may eventually lead to novel therapeutic strategies for fighting human diseases. Additionally, as an open access journal, JBPR will also publish sound science and research that are not necessarily highly innovative or novel.

It is our hope that JBPR will establish itself as one of the main venues for communication and dissemination of biomedical research findings. Therefore, we sincerely invite you to submit your great work to JBPR.

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(Received January 28, 2013; Accepted January 31, 2013; Published online February 1, 2013)