

Special Issue

Recent Advance in Biochemistry, Genetics and Molecular Biology

Message from the Guest Editor

Biochemistry, genetics, and molecular biology constitute an ever-changing field of modern biosciences. A lot of knowledge has been gained via basic research and strategies thereof have been designed with medical, biological, agricultural, and even environmental applications, starting from how basic biochemical reactions dictate the way in which cells operate, metabolize, and proliferate to advanced genetics or epigenetics of gene expression and regulation. New technology is continuously changing the scenery of modern biosciences and novel techniques allow the exploration of uncharted waters. For instance, who would have thought a few years ago that single-cell sequencing would be possible? The rate of knowledge acquisition, data collection, and innovation in the realm of biochemistry, genetics, and molecular biology has significantly increased, boosted, and fueled by the pandemic...

Guest Editor

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Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

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