

Special Issue

Molecular Insights into Serotonin

Message from the Guest Editor

Serotonin is an important monoamine that mainly acts via seven receptors. These receptors play roles in probably all cells of the human body. Hence, the functions of most organs are intimately controlled by serotonin receptors. The production and degradation of serotonin also occurs in more than one cell type in each organ. We are increasingly aware that serotonin and its receptors play roles in development and ageing of humans. Based on these findings, serotonin receptors are the basis of various pharmacologically useful drugs. Disease encompasses migraine, depression, possibly schizophrenia, some gastrointestinal diseases, etc., as well as general diseases such as sepsis. Drugs not only stimulate or inhibit the function of serotonin receptors but also inhibit the formation or degradation or the transport of serotonin through biological membranes. This Special Issue will foster molecular-level research by combining original novel research papers with reviews that deepen our understanding of the field and find discrepancies in the literature, explain how they should be resolved, and identify new research areas using novel techniques.

Guest Editor

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Message from the Editor-in-Chief

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