

Special Issue

Recent Insights into Toll-Like Receptors and Their Role in Psychiatric Disorders

Message from the Guest Editor

Toll-like receptors (TLRs) are a key component of the innate immune system. They are pattern recognition receptors that are responsible for initiating the inflammatory response following microbial infection but also as a result of tissue damage and stress. TLRs were initially associated with chronic inflammatory diseases, but in recent years, there has been a growing interest in their potential role in psychiatric disorders such as schizophrenia, bipolar disorder, and depression. GWAS studies have reported genetic associations with the innate immune system, animal models have used TLR agonists to mimic behavioral phenotypes, and alterations in peripheral TLR activity have been reported in psychiatric populations. This Special Issue seeks to understand the role of these proteins in psychiatric disorders and how they might be targeted in the treatment of such disorders. Original manuscripts and reviews dealing with any aspect of synucleins and related pathophysiology are very welcome.

Guest Editor

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Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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