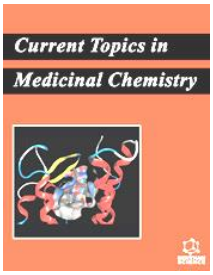
Tentative Outline



Special Thematic Issue for Current Topics in Medicinal Chemistry

[Drug Discovery for Autism Spectrum Disorder: A Story about Emerging Target Specific Approaches]

Guest Editors: [Minsoo Song]

Aims & Scope:

[Autism spectrum disorder(ASD) is a complex neurodevelopmental condition that shows significant difficulties in communication and social interaction, as well as the presence of repetitive behaviors. Currently, there is no approved medication is available to cure the core symptomsof ASD. The US FDA has approved some antipsychotics such as risperidone and aripiprazole to reduce the symptoms. In the meantime, several important therapeutic targets to treat ASD have been discussed in the literature lately. This thematic issue aims to discussabout recent advances in the development of novel therapeutics for the treatment of ASD in medicinal chemistry perspective. Some targets for ASD are proposed below as a topic of discussion, but other novel targets are more than welcome to be heralded.]

Keywords: [Autism spectrum disorder, Drug discovery, Medicinal chemistry]

Subtopics:

The followingtopics are proposed to be covered within this issue, but are not limited to.

Vasopressin 1a Receptor Antagonist

RORα/γ Agonist

Oxytocin receptor agonist

p38αMAPK Inhibitor

Metabotropic Glutamate Receptor Modulator

N-Methyl-d-aspartate Receptor Modulator

Phosphodiesterase 4D (PDE4D) Allosteric Inhibitors

Schedule:

- ✧ Manuscript submission deadline: Sep-Oct, 2021

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