Special Issue

Molecular Targets in Neuroscience and Neurotherapeutics

Message from the Guest Editors

Neurological disorders such as epilepsy, Alzheimer's disease (AD), Parkinson's disease (PD), stroke, traumatic brain injury (TBI), and amyotrophic lateral sclerosis (ALS) pose a public health challenge in the modern world. Generally, these pathologies share a variety of complex pathological mechanisms, including dysfunctional brain bioenergetics, oxidative stress, neuroinflammation, lipid metabolism, and neuronal death. Exploration of the role of molecular targets involving these mechanisms and development of various neurotherapeutic strategies are of utmost for brain performance. This Special Issue mainly covers several aspects in neuroscience research including but not limited to oxidative stress, lipid metabolism, bioenergetics, neuronal death, neuroinflammation, gene therapy, and nutrition intervention, which aim to clarify molecular mechanisms or neurotherapeutics under brain pathologies. We sincerely invite researchers in the field to contribute original research articles or reviews to this Special Issue of Molecules. We look forward to receiving your manuscripts.

Guest Editors

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Prof. Dr. Weilin Jin

Prof. Dr. Yi Wang

Deadline for manuscript submissions

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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