Tentative Outline

Special Thematic Issue for Current Topics in Medicinal Chemistry

Current Advances in Applied Neuroscience Research

Guest Editor: Drozdstoy St. Stoyanov

Aims & Scope:

Applied neuroscience includes contributions and insights from neuro-biochemistry, molecular neurobiology, neuroimmunology, neuropharmacology and among others.

This topic will embrace a complex multi-dimensional interface between basic neuroscience innovative study designs, advanced medical information technologies and their implementation in clinical disciplines, such as neurology, psychiatry, neurosurgery. It will address as well the interplay of complex neurobiological factors and psychosomatic disorders.

There will be invited outstanding contributions from leaders in the field from the Universities of Lisbon, Portugal, Bergen, Norway, among others.

Keywords: neurobiology, neuropharmacology, neuro-imaging, translation

Subtopics:

The subtopics to be covered within this issue are listed below:

- Therapeutic and diagnostic applications of evidence from basic neuroscience
- Implementation and methodological issues of translation from neuroscience animal models to humans in new drug design clinico-biological trials
- Immuobiochemical and cellular mechanisms as drug targets for mental disorders
- Molecular-biological mechanisms of neuropsychiatric disorders as diagnostic biomarkers
- Novel approaches to translating and integrating the data from third-generation neuroimaging techniques and neuroschemistry

Schedule:

- Manuscript submission deadline: August 31st 2019
- Peer Review Due: September 15th 2019
- Revision Due: September 30th 2019
- Announcement of acceptance by the Guest Editor: October 10th 2019
- Final manuscripts due: October 31st. 2019

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