

Tentative Outline

Special Thematic Issue for Current Topics in Medicinal Chemistry

New advances in psychopharmacology: from basic science to clinical research

Guest Editors: *DIOGO TELLES CORREIA*

Aims & Scope:

Psychopharmacological agents, since their appearance in the 50s of the 20th century, have not undergone a considerable evolution. Its pharmacodynamic targets remained somehow the same (dopaminergic, serotonergic, noradrenergic and gabaergic neurotransmitter systems), only side effects were reduced. This scarce evolution is partly explained by important methodological problems in the area of psychopharmacology, namely with regard to the integration of different paradigms that are not present in other medical specialties. There are specificities in this area related to the integration of neuroimaging and neurobiological data with psychopathological assessment, for example, in order to reach fruitful conclusions. In this thematic issue, we intend to include new advances in multi-level research in this area, from basic science to clinical research.

Keywords: psychopharmacological agents, basic research, clinical research, neuroimaging, neurobiology, psychopathology

Subtopics:

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

- Novel neurobiological targets in psychopharmacology
- Novel psychopathological variables to be included in psychopharmacology research
- Novel methods of integrating different paradigms in Psychopharmacology research

Schedule:

- ✧ Manuscript submission deadline: 20 June 2021
- ✧ Peer Review Due: 30 July 2021
- ✧ Revision Due: 10 September 2021
- ✧ Announcement of acceptance by the Guest Editors: September 2021
- ✧ Final manuscripts due: October 2021

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