

Special Issue

Compounds with Anxiolytic or Antidepressant Properties

Message from the Guest Editors

Major depression and anxiety are devastating disorders with a major impact on public health and important socio-economic costs. The monoaminergic system is one of the cornerstones of the pathological processes of depression, such that the currently used antidepressant drugs almost all target these systems. However, one-third of patients are totally resistant, feel no relief after such treatment. Therefore, novel therapeutic strategies are urgently needed. Recent research highlights the fact that some endogenous neuropeptides, hormones and lipid neuromodulators may counteract mood disorders. Among these endogenous molecules are a sortilin-derived peptide, digitalis-like compounds, etc., whose therapeutic potentials will be presented in this Special Issue. Additionally, a focus will be put on the adipose-derived hormones leptin and adiponectin, for which recent studies show their ability to fight against the establishment of anxiety and depression-like behaviors in rodents. This Special Issue will provide an overview of recent findings from basic and genetic research on the involvement of various endogenous molecules in the treatment of anxiety and mood disorders.

Guest Editors

Dr. Joëlle Chabry

Institut de Pharmacologie Moléculaire et Cellulaire, Centre National de la Recherche Scientifique, Université Côte d'Azur, 660 route des Lucioles, 06560 Valbonne, France

Dr. Carine Bécamel

Institut de Génomique Fonctionnelle (IGF), UMR5203 CNRS, U1191 INSERM Université de Montpellier, 34094 Montpellier, France

Deadline for manuscript submissions

closed (15 May 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 10
Indexed in PubMed



mdpi.com/si/108309

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 10
Indexed in PubMed



[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)



About the Journal

Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)