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Neuropharmacology of Plant Extracts and Their Active Compounds

Guest Editor:

Dr. Angel Josabad Alonso-Castro

Departamento de Farmacia,
División de Ciencias Naturales y
Exactas, Universidad de
Guanajuato, Guanajuato, Mexico

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Message from the Guest Editor

Approximately 13% of the world's population, around 970 million people, lives with mental disorders that affect emotional regulation, as well as physical and social functions. The number of cases of anxiety and depression due to the pandemic situation has increased dramatically. A small percentage of people with a mental disorder will look for medical advice. In rural areas, it is difficult to access pharmacological treatments. The use of medicinal plants among the general population for treating mental disorders has increased during the last three years. Many of these plant species and their active compounds remain to be studied. This Special Issue will be focused on medicinal plants used for mental disorders on the following topics: (i) ethnobotanical studies using quantitative tools, (ii) survey-based studies about self-medication/use of herbal products, (iii) preclinical and clinical studies about neuropharmacological action of plant extracts and/or their active compounds, (iv) legislation and regulation of herbal products used for mental disorders, (v) herb–drug combinations, and (vi) herb–drug-based treatments for preventing neurodegenerative diseases.



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Pharmaceuticals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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