Tentative Outline:

Title of the Thematic Issue: <u>New Trends in Pharmacognosy and Phytotherapy</u>

Section Editor: Dr. Geir Bjørklund

Co-Guest Editor: Dr. Mariia Shanaida and Dr. Roman Lysiuk

Scope of the Thematic Issue:
The proposed issue is intended for reviews in the field of clinical drug trials, target drug identification and validation, molecular design/drug design research, and computer-aided drug evaluation; development, synthesis, and biological evaluation of new biologically active compounds (in silico, in vitro, in vivo); pharmaceutical biotechnology; isolation, structural characterization, (bio)synthesis, bioengineering and pharmacological evaluation of natural compounds; pharmacokinetics and metabolic transformations of drugs or biologically active compounds; mechanisms of action and signaling pathways; toxicology; pharmacovigilance.

Keywords: biomolecules; natural products; drug design; pharmaceutical biotechnology; pharmacological effects

Sub-topics:

➢ isolation and structural characterization of bioactive compounds
➢ development/synthesis of new natural drugs
➢ drug design research
➢ pharmaceutical biotechnology
➢ pharmacologiclal evaluation of natural drugs/bioactive compounds
➢ pharmacokinetics and metabolic transformations of natural drugs/bioactive compounds

Schedule:

✧ Thematic issue submission deadline: **<u>31 December 2023</u>**

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