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Modern Pharmacology and the Role of Natural Products and Leads in Ethnomedicine

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Message from the Guest Editor

Dear Colleagues,

We wish to concentrate on current developments, novel therapeutic techniques, and the ethnomedicinal significance of natural products, natural compounds, and their novel derivatives in our Special Issue on modern pharmacology, to identify the target pharmaceuticals so they can only be utilized for use in herbal remedies and for their pharmacological benefits.

The WHO produced a report in 2019, they forecast that, by 2050, drug-resistant infections will be responsible for around 10 million annual deaths, and that by 2030, drug resistance will lead to 24 million people into extreme poverty. According to the WHO, cancer is the largest cause of mortality across the globe (in 2020 caused about 10 million deaths worldwide).

Thus, pharmacological repositioning or repurposing as well as natural leads and their derivatives can be used to discover novel and more effective treatments for the aforementioned disorders. Natural leads and their derivatives are examples of natural products that have anti-inflammatory, anti-bacterial, anti-fungal, anti-cancer, neuroprotective, cardioprotective, chemo-preventative, antimicrobial, and antimalarial properties.

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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