

## Special Issue

# Plant-Derived Functional Foods, Nutraceuticals, and Cosmeceuticals: From Basic to Applied Science

### Message from the Guest Editor

Medicinal plants play an important role in human healthcare as an integral part of traditional medicine systems and one of the main sources for the discovery and development for modern drugs. As the number of people with lifestyle-related diseases including diabetes, hypertension, hyperlipidemia, and associated complications is increasing worldwide, various plant-derived functional foods, food supplements, and nutraceuticals are marked as potential agents in the prevention and management of these complications. However, many such products do not have strong scientific evidence for their claimed activities. There is a growing need for detailed research related to the identification of new sources, characterization of active compounds, elucidation of mechanisms of action using *in vitro*, *in vivo*, and clinical studies, and product formulation. This Special Issue aims to cover recent advances in the discovery, chemical and pharmacological aspects, and formulation development of functional foods, nutraceuticals, and cosmeceuticals from basic and applied science perspectives. Original articles, communications, and reviews related to these topics are welcome for submission.

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### Guest Editor

Dr. Hari Prasad Devkota

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### Deadline for manuscript submissions

closed (30 June 2023)



## Applied Sciences

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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