



## Frontier Research in Hop

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submissions:

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### Message from the Guest Editors

*Dear Colleagues,*

*Humulus lupulus* L., also known as hops, is a dioecious perennial climbing species, and female plants are of economic interest thanks to their flowers, which are rich in secondary metabolites. Hops is acknowledged to provide an aroma and bitterness to the creations of the brewing industry, but also for the presence, in hop strobiles, of bioactive compounds of pharmacological interest.

This Special Issue represents an opportunity for the scientific community to present recent research on hops biodiversity characterization and innovative extraction methods for determining the bioactive compounds in different hops organs.

In addition, we welcome contributions on yield improvement, hops resistances to biotic and abiotic stress, precision agriculture, new systems for hops cultivation, and hops quality (in terms of resin and oil contents and aroma). Innovations in the use of hops by-products in view of “waste to value” and the circular economy will be very important to this Special Issue.

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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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