



Plants: Sources of Diversity in Propolis Properties

Guest Editor:

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Deadline for manuscript submissions:

closed (31 March 2022)

Message from the Guest Editor

Propolis or “bee glue” is a resinous waxy substance produced by honeybees by mixing the exudates obtained from plants with their saliva and beeswax. The biological activity of propolis is assigned to these plant-derived substances.

For this Special Issue, we invite investigators and scholars to submit original articles, review articles, and short communications on the following topics related to propolis:

- Plant species used by the bees as raw material for propolis production;
- Biological activities of plant extracts related to propolis;
- The history of propolis research;
- Chemical composition of propolis (poplar type propolis, green propolis, red propolis);
- Biological activity of propolis (antioxidant, antibacterial, antiparasitic, antitumor, immunomodulatory, anti-inflammatory, hepatoprotective properties);
- Antiviral activity of propolis against human, bee, and animal viruses;
- Different applications of propolis connected to plant source and origin;
- Propolis and bee health;
- Propolis and human health (apitherapy, apiphytotherapy);
- Synergism between plants and propolis in human health.





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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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