



Biological Activity and Chemical Composition of Apicultural Products

Guest Editors:

**Prof. Dr. Alexandra Christine
Helena F. Sawaya**

Faculdade de Ciências
Farmacêuticas Universidade
Estadual de Campinas,
Campinas, Brazil

**Prof. Dr. Maria Cristina
Marcucci**

Institute of Science and
Technology, Universidade
Estadual Julio de Mesquita Filho,
Sao Paulo, Brazil

Deadline for manuscript
submissions:

closed (30 November 2023)

Message from the Guest Editors

Honeybees (*Apis mellifera* L.) are the most well-known species responsible for the commercial bee products in many countries. However, in certain parts of the world, other bee species known as stingless bees are also sources of bioactive substances. In the last few years, these species have attracted the interest of the scientific community. Studies have found beneficial effects exerted by these bee products on human health, indicating their potential use as active pharmaceutical ingredients. However, their composition is strongly dependent on their geographic origin and the bee species. Therefore, studies that report the bioactivity of bee products with known geographic origin, bee species and chemical profiles are welcome. Importantly, the functional properties of known and novel bioactive molecules are welcome. Papers that describe only popular uses will not be accepted.

This Special Issue on the “Biological Activity and Chemical Composition of Apicultural Products” aims to gather contributions regarding the bioactive molecules with possible therapeutic applications found in propolis, honey, royal jelly, bee venom, bee pollen and other bee products.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical
Biology and Phytochemistry,
University of Münster,
Corrensstrasse 48, D-48149
Münster, Germany

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Reaxys](#), [CaPlus / SciFinder](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q2 (Chemistry, Multidisciplinary) / CiteScore - Q1 (Chemistry (miscellaneous))

Contact Us

Molecules Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](https://twitter.com/Molecules_MDPI)