

Special Issue

Natural Compounds and Anesthesia

Message from the Guest Editors

This Special Issue aims to collect original research articles and review papers that concern the study of the anaesthetic properties of natural compounds, as well as their neuroprotective effects, which could be related to the treatment of undesirable effects of anaesthesia or the improvement of mental health. We aim to bring together the most recent studies that use different experimental approaches in vivo or in vitro broadly related to:

- molecular and cellular responses to anaesthetic agents;
- cellular mechanisms of neuroprotective effects of natural compounds;
- mechanisms of cognitive impairments evoked by anaesthesia;
- therapeutic potential of flavonoids in the alleviation of side effects after anaesthesia.

Therefore, we invite all authors from the above mentioned fields to contribute with reviews and original research papers. Contributions concerning all kinds of anaesthetic agents, both natural and synthetics, are welcome, but only research papers dealing with well-characterized substances and a clear chemical composition will be considered for further processing.

Guest Editors

Dr. Agnieszka Zelek-Molik

Dr. Dorota Nieoczym

Prof. Dr. Magdalena Polak-Berecka

Deadline for manuscript submissions

closed (31 August 2024)



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Message from the Editor-in-Chief

Editor-in-Chief

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