*metabolites*

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# Metabolomics Application in Hyperbaric Oxygen

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Deadline for manuscript submissions:
**closed (1 May 2024)**

## Message from the Guest Editors

This Special Issue of *Metabolites* is dedicated to the whole spectrum of Hyperbaric Oxygen Medicine, with special attention being paid to research using metabolomics including, but not restricted to, exhaled volatile organic compounds and body fluid composites. We hope to provide leading experts with a platform to share their research and thoughts in order to contribute to the direction of future research in Hyperbaric Oxygen Medicine.

- Treatments using hyperbaric oxygen as the main or adjuvant therapy.
- Diving with oxygen-enriched diving gases, including 100% oxygen.
- Acute side effects of hyperbaric oxygen such as CNS oxygen toxicity, etc.
- Acute as well as chronic side effects of hyperbaric oxygen, such as pulmonary oxygen toxicity, DNA damage, etc.
- Optimization of Hyperbaric Oxygen Therapy in approved indications.
- Research focusing on using Hyperbaric Oxygen Therapy in diseases that are not yet approved indications.
- Research gaining insight into the development of side effects and how to mitigate them.

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## Editor-in-Chief


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## Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

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