

Special Issue

Hypoxia: Molecular Mechanism and Health Effects

Message from the Guest Editor

This Special Issue, "Hypoxia: Molecular Mechanism and Health Effects", aims to bring together cutting-edge research that explores the intricate molecular pathways activated by hypoxia and their implications for health and disease. We welcome submissions that investigate the cellular responses to hypoxia, the role of hypoxia in disease pathogenesis, and potential therapeutic strategies to mitigate hypoxia-induced damage. Studies focusing on the crosstalk between hypoxia and other signalling pathways, the role of hypoxia in tissue regeneration, and the development of novel hypoxia-targeted therapies are particularly encouraged. The aim of this Special Issue is to evaluate the current advances in hypoxia research, offering insights into the molecular underpinnings of hypoxia-related diseases and paving the way for the development of innovative therapeutic approaches. We invite researchers from diverse fields, including molecular biology, biochemistry, and pharmacology, to contribute original research articles, reviews, and perspectives that enhance our understanding of hypoxia and its wide-ranging impacts on human health.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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