

Special Issue

New Insights into Tryptophan Metabolism

Message from the Guest Editor

Tryptophan (Trp) is an essential amino acid that cannot be synthesized in the body and must be obtained via one's diet. In the body, Trp can be converted to serotonin (5-HT), kynurenine (Kyn), and indole-3-propionic acid (IPA). Trp and its metabolites are involved in health and a variety of diseases, including mental disorders, metabolic diseases, neurologic diseases, cardiovascular diseases, gastrointestinal diseases, immune diseases, and cancer. In this Special Issue, we will explore novel regulatory mechanisms of Trp metabolism, novel functions of the rate-limiting enzymes for converting tryptophan, and the role of tryptophan metabolism in health and diseases. Any types of papers, including reviews, original papers, communications, and brief reports, are welcome.

Guest Editor

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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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