

Special Issue

Advances in Starch: Molecular Structure, Functionalities and Biosynthesis 2.0

Message from the Guest Editor

As one of the most abundant biopolymers on Earth, starch is synthesized by green plants, algae, or some cyanobacteria and provides the major calories for the human diet and is the primary feedstock for the bioindustry. The physicochemical properties of starches from enormous origins show a very wide range, resulting in various functionalities, attributed to the differences in molecular structure and the biosynthesis pathway of starch. This Special Issue in *IJMS* will cover recent research advances in **revealing starch molecular structure, functionalities, and biosynthesis**.

Accordingly, we call for original research papers or reviews on various aspects of the topic of this Special Issue. Keywords: starch; amylopectin; amylose; structure; biosynthesis; functionality; properties; characteristics

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2024)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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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