

## Special Issue

# Catalytic Receptors and Enzymes Involved in Cell-Signaling and Control

### Message from the Guest Editor

Enzymes play a large variety of essential roles in an organism, facilitating the chemical reactions necessary for life's processes. In this Special Issue, we aim to attract articles from a wide scope of studies that explore, e.g., the structure, biochemical, and biological consequences of enzyme functions in health, disease, and also biotechnological applications. Because of their key biochemical roles and localized binding sites for small molecules and macromolecules, enzymes are often targets of inhibitor drugs in medicine and as tools for probing function. Moreover, regulatory enzymes are frequently subject to somatic mutations, most often innocuous, but some mutations elicit functional changes that significantly alter enzymatic activity and ligand binding, affecting health as well as clinical treatment with pharmaceuticals. We would like to address enzymes that play key roles in regulating cellular processes as part of enzyme-linked receptors, enzymes functioning in post-translational modifications, and enzymes functioning through other controlling and regulatory mechanisms acting on molecular processes and cellular signaling.

### Guest Editor

Prof. Dr. Mark S. Johnson

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### Deadline for manuscript submissions

closed (30 November 2022)



## Biomolecules

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### Message from the Editorial Board

*Biomolecules* is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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