

## Special Issue

# Recent Advances in Collagen Proteins

### Message from the Guest Editor

Collagens are the most abundant family of proteins in mammals. With 28 known types, collagens are present at diverse locations and possess varying functions. They represent the major component of the extracellular matrix that gives structural integrity to the cell and are involved in cell signalling and processes such as adhesion and migration. Abnormalities affecting collagen homeostasis have been associated with many connective tissue disorders and various diseases such as cancer and autoimmune diseases. Despite the extensive research on collagen over the past 100 years, our knowledge of the most abundant protein of the human body remains very limited. This open access Special Issue will provide up-to-date research and review articles on our advanced knowledge of collagen proteins. Topics include, but are not limited to:

- the complexity of collagen synthesis, processing, degradation, and turnover
- collagen homeostasis in health, aging, and disease
- intracellular and extracellular post-translational modifications of collagens
- advances in techniques for the analysis of collagen structure and function

### Guest Editor

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### Deadline for manuscript submissions

closed (30 January 2024)



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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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