

Special Issue

The Amazing World of IDPs in Human Diseases II

Message from the Guest Editors

Following a very successful first run, we are pleased to announce the launch of a second edition of a Special Issue on intrinsically disordered proteins (IDPs) in human diseases. It is now clearly established that some proteins or protein regions are devoid of any stable secondary and/or tertiary structure under physiological conditions, but still possess fundamental biological functions. IDPs and IDRs are especially prevalent in eukaryotes, suggesting the necessity of disorder, associated signaling, and regulation in nucleated cells where they are involved in many key functions. However, a correlation between intrinsic disorder and human diseases such as cancer, diabetes, amyloidosis, and neurodegenerative disease is also now evident, highlighting the great importance of the topic. For this Special Issue, we invite researchers to contribute with original research articles and reviews on the amazing world of the IDPs or IDRs involved in human diseases. Contributions focusing on the prediction, identification, and characterization of these, with emphasis on their role in cell signaling and regulation, are particularly welcome.

Guest Editors

Dr. Simona Maria Monti

Dr. Giuseppina De Simone

Dr. Emma Langella

Deadline for manuscript submissions

closed (18 February 2022)



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About the Journal

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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