



an Open Access Journal by MDPI

Editorial Board Members' Collection Series: The Dynamics of RNA–Protein Interactions

Guest Editors:

Dr. Je-Hyun Yoon

1. Department of Biochemistry and Molecular Biology, Medical University of South Carolina, Charleston, SC, USA

2. Department of Oncology Science, University of Oklahoma, Oklahoma City, OK, USA

3. Department of Pathology, University of Oklahoma, Oklahoma City, OK, USA

Dr. Brett Keiper

Department of Biochemistry and Molecular Biology, Brody School of Medicine at East Carolina University, Greenville, NC 27834, USA

Deadline for manuscript submissions:

closed (31 March 2025)

Message from the Guest Editors

Dear Colleagues,

Dynamic interactions of RNA and protein allow eukaryotic cells to regulate various cellular processes, including mRNA splicing, decay, localization, translation, and many others, under normal or stress conditions. The maintenance of RNA and protein interactions preserve cellular integrity, and the loss of these regulatory processes frequently drive numerous human diseases.

In this Special Issue, entitled “Editorial Board Members’ Collection Series: The Dynamics of RNA–Protein Interactions”, we welcome original relevant research articles and reviews which highlight the dynamic regulatory mechanisms underlying RNA and protein interactions, ultimately aiming to improve current knowledge of RNA biology and contributing to human health. Potential research areas include (but are not limited to): basic research and methodology into RNA and protein interactions performed by RNA-binding proteins, mRNAs, and noncoding RNAs. We have an additional interest in the accumulation of these biomolecules in subcellular organelles and specialized compartments like RNA granules and membraneless organelles.

We look forward to receiving your contributions.



mdpi.com/si/159130

Special Issue



an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Jukka Finne

Research Programme in
Molecular and Integrative
Biosciences, Faculty of Biological
and Environmental Sciences,
University of Helsinki, P.O. Box
56, FI-00014 Helsinki, Finland

Prof. Dr. Andrés Moya

Integrative Systems Biology
Institute, University of Valencia
and CSIC, 46980 Valencia, Spain

Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biology) / CiteScore - Q1 (General Agricultural and Biological Sciences)

Contact Us

Biology Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/biology
biology@mdpi.com
[X@Biology_MDPI](https://twitter.com/Biology_MDPI)