



Interplay between Pre-mRNA Splicing and Other Gene Expression Steps in Eukaryotes

Guest Editor:

Dr. Naoyuki Kataoka

Laboratory of Cellular
Biochemistry, Department of
Animal Resource Sciences,
Graduate School of Agriculture
and Life Sciences, Tokyo, Japan

Deadline for manuscript
submissions:

closed (31 October 2019)

Message from the Guest Editor

Dear Colleagues,

As the Guest Editor of this Special Issue, “Interplay between Pre-mRNA Splicing and Other Gene Expression Steps in Eukaryotes”, in *IJMS*, I expect submissions from many researchers working on the wide spectrum of physiological processes in which RNAs are involved. The focus of this topic is the molecular link between pre-mRNA splicing and other steps in eukaryotes. Examples for this Special Issue include transcription-coupled splicing, coupling of splicing and mRNA export/localization, nonsense-mediated mRNA decay, enhancement of translation, and signal transduction pathway modulation by alternative splicing. Manuscripts regarding splicing changes during the development of organisms and aberrant splicing in human diseases are also very welcome. The formats for submissions include original research reports, reviews/mini-reviews, perspectives/opinions and methodology articles.

Keywords

- Pre-mRNA splicing
- Exon Junction Complex
- alternative splicing
- transcription
- translation
- RNA export
- RNA localization
- RNA decay





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

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.

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, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI