

Special Issue

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

Message from the Guest Editor

As the 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

Guest Editor

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