

Special Issue

RNA-Binding Proteins – Structure, Function, Networks and Diseases

Message from the Guest Editor

RNA is important. Considered as the earliest macromolecule, the ‘RNA world’ theory has been circulated. RNA is too versatile to work alone—it needs to partner with its close friends ‘RNA-binding proteins’.

RNA-binding proteins represent a large class of very important proteins, which play vital roles in the function of RNA from birth to death. However, some of their binding is also transient or compartmentalized, so many unknowns remain regarding the important properties of RNA-binding proteins, such as structure, function and spatiotemporal regulation.

The main purpose of this Special Issue is to update current knowledge on RNA-binding proteins—a very important topic—in combination with new technologies. There are three main aims. First, we should reflect the continuous efforts made to decipher the structure and function of RNA-binding proteins. Second, new frontiers and cutting-edge technologies should be considered. Third, we need to emphasize RNA-binding protein networks and disease implications.

Guest Editor

Prof. Dr. Ji-Long Liu

1. School of Life Science and Technology, ShanghaiTech University, Shanghai 201210, China
2. Department of Physiology, Anatomy and Genetics, University of Oxford, Oxford OX1 3PT, UK

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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.

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

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