

Special Issue

RNA Regulatory Networks at the Crossroad of Human Diseases 3.0

Message from the Guest Editor

Exploration of the transcriptome space has turned the spotlight on the dark side of the RNA planet, noncoding RNAs (ncRNAs), which have been previously overlooked by conventional protein-coding studies.

Research on RNA-based networks is now outlining their relevant role in a wide range of biological pathways; the unbalancing of any network component can act as a driving force for human diseases, as demonstrated for various cancer types. While ceRNET research is still in its infancy, further advancements could help us gain deeper insights into molecular mechanisms underlying human diseases and even the identification of new biomarkers and therapeutic targets.

This Special Issue welcomes original research manuscripts unraveling novel RNA regulatory networks, their impact on human diseases and possible rules for ncRNA structure-function relationships; those reporting innovative methodological approaches, including new bioinformatics tools; and critical review manuscripts outlining various perspectives to set the stage for future research.

Guest Editor

Prof. Dr. Nicoletta Potenza

Department of Environmental, Biological and Pharmaceutical Sciences and Technologies (DiSTABiF), University of Campania "L. Vanvitelli", Via Vivaldi, 43-81100 Caserta, Italy

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