



RNA Therapeutics: From Concepts to Applications

Guest Editor:

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Deadline for manuscript
submissions:

closed (31 October 2021)

Message from the Guest Editor

Dear Colleagues,

While a variety of RNA-targeting approaches have already been developed, recent breakthroughs with small non-coding RNAs and RNA-based vaccines showcase the great potential and expansion of RNA therapeutic approaches.

We welcome research or review manuscripts in the broad area of RNA therapeutics. This could cover (i) the development, testing, and delivery of small antisense oligonucleotides and/or antagomirs for gene expression modulation and correction; (ii) the screening, validation, delivery and efficacy testing of small molecules/drugs that interfere with or consolidate RNA-RNA or RNA-protein interactions; (iii) the implementation of lncRNA and mRNA for therapeutics; and (iv) recent progress in the delivery of RNAs to particular cells/tissues. Critical reviews that highlight the advantages and disadvantages of RNA therapeutic approaches, including provocative statements and opinions on future developments are also particularly welcome.

Essentially, this Special Issue shall provide a broad perspective of RNA therapeutics, with an emphasis on ncRNAs as a target or drug for therapeutic intervention.

Prof. Dr. André P. Gerber
Guest Editor





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Editor-in-Chief

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Message from the Editor-in-Chief

This field finally has a dedicated journal where its broad community can communicate and exchange its latest findings in one centralized place. This field was built stone by stone from the many scientific contributions from extremely diverse horizons, studying gene silencing in plants, position effect variegation in drosophila or quelling in fungi. This field has achieved maturity, but a lot remains to be discovered! Our aim is to publish manuscripts from all horizons that will have a high impact on the development of the field. Let's have fun and wish *Non-Coding RNA* a long and rewarding life!

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