

## Special Issue

# Therapeutic Nucleic Acids: Past, Present, and Future

### Message from the Guest Editor

The goal of this Special Issue is to review achievements and lessons learned from basic research and translational studies related to moving therapeutic nucleic acids from bench to bedside. The issue will include review and research articles, focusing on both traditional nucleic acids (e.g., antisense oligonucleotides, siRNA) and a new generation molecules (e.g., sgRNA, DNA origami, DNA/RNA nanoparticles). Challenges with the delivery of therapeutic nucleic acids and solutions for overcoming the challenges will be addressed by experts in the field. Nanotechnology-based delivery platforms, safety, efficacy, biomarkers, and appropriate in vivo/in vitro models will be considered. We welcome you to share your research findings, literature reviews and technical recommendations in the subject area by submitting your work to this Special Issue.

### Guest Editor

Dr. Marina A. Dobrovolskaia

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### Deadline for manuscript submissions

closed (15 April 2019)



## Molecules

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## About the Journal

### Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).