



an Open Access Journal by MDPI

Multi-Component Delivery Systems for Targeted Delivery of Nucleic Acids

Guest Editor:

**Dr. Hamidreza Montazeri
Aliabadi**

Department of Biomedical and
Pharmaceutical Sciences,
Chapman University School of
Pharmacy, Harry and Diane
Rinker Health Science Campus,
Irvine, CA 92618, USA

Deadline for manuscript
submissions:

closed (18 June 2021)

Message from the Guest Editor

Approaches to RNA interference have made a significant impact on research strategies and methodologies. These approaches include but are not limited to plasmid DNA, small interfering RNA (siRNA), short hairpin RNA (shRNA), micro RNA (miRNA), oligonucleotides, and most recently, clustered regularly interspaced short palindromic repeats (CRISPR). These approaches have provided reliable tools in basic and translational research, targeting virtually any protein in a variety of mammalian cells and “silence” the expression of the target. However, despite promising initial results, this significant impact has not been translated into the wide clinical applications for which we all have hoped. Nucleic acid delivery is difficult, and has proven to be even more challenging in vivo. We are still exploring new approaches and novel carriers on a regular basis. This Special Issue aims to include review and research papers that provide a comprehensive look at the most recent attempts in nucleic acid delivery, focusing on multi-component delivery systems designed as safe and effective carriers. It is also hoped to shine light on the future directions for nucleic acid delivery.



mdpi.com/si/46421

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química Estrutural (CQE), Institute of Molecular Sciences, Faculdade de Ciências, Universidade de Lisboa, Lisboa, Portugal

Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*.

Pharmaceuticals is characterized by an active editorial board and a dynamic editorial staff. Manuscripts are peer-reviewed and a final decision is provided to authors within 4–6 weeks after submission. Papers are published on the web immediately after acceptance. For details on the submission process or any other matter, please do not hesitate to contact us.

We hope to handle your contribution to *Pharmaceuticals* soon.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q2 (*Pharmaceutical Science*)

Contact Us

Pharmaceuticals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/pharmaceuticals
pharmaceuticals@mdpi.com