

Special Issue

Multi-Component Delivery Systems for Targeted Delivery of Nucleic Acids

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.

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

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Pharmaceuticals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
pharmaceuticals@mdpi.com

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

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

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