



an Open Access Journal by MDPI

Chemistry-Based Strategies for Drug Delivery and Targeting

Guest Editor:

Prof. Dr. Rosario Pignatello

Department of Drug and Health Sciences, University of Catania, V.le Andrea Doria, 6, 95125 Catania, Italy

Deadline for manuscript submissions: closed (31 August 2017)

Message from the Guest Editor

A scarce pharmacokinetic profile is often the cause for putting aside compounds that have shown valid pharmacological outlines and a promising therapeutic future. Increasing the dosage of drugs cannot be always the right solution, since it can cause severe side effects and can damage healthy cells and organs. Therefore, in the last few decades, different approaches aiming at modulating the release of drugs and/or targeting them to selective tissues have become an essential partner of the industrial drug development stage. Chemistry-based delivery strategies are potentially able to improve the therapeutic index and safety of active compounds, as well as to give a second chance to 'old' drugs that have lost their clinical interest because of unsatisfactory physico-chemical, pharmacokinetic, or toxicological properties. This Special Issue will be of interest to undergraduate and graduate students, as well as to academy and pharma industry researchers, which are involved in both medicinal chemistry and pharmaceutical technology fields.









an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química e Bioquímica (CQB), Faculdade de Ciências, Universidade de Lisboa (FCUL), Rua Ernesto de Vasconcelos, Campo Grande,Edifício C8, 5° Piso, 1749-016 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 peerreviewed 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, CAPlus / SciFinder, and other databases.

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

Contact Us

Pharmaceuticals Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/pharmaceuticals pharmaceuticals@mdpi.com