Special Issue

Lipid Nanosystems for Local Drug Delivery

Message from the Guest Editors

Currently, the development of nanomedicines based on lipid nanosystems capable of delivering therapeutic drugs to a desired body site is an attractive area of research in the pharmaceutical field. The major advantage of local drug delivery is that the drug concentration in a specific desired site can be enhanced, reducing the toxicity to other nontargeted locations. Local drug delivery using nanosystems is accomplished in two different ways: direct local placement (e.g., local administration at the intended site of use) or systemic administration, either targeted or triggered. This Special Issue seeks to present a collection of innovative studies describing recent advances in the development of lipid nanosystems suited for local drug delivery, using both strategies (i.e., localized delivery or targeted/triggered strategies), and highlighting their advantages in this research area.

Guest Editors

Dr. José Catita

Fernando Pessoa Energy, Environment and Health Research Unit/Biomedical Research Center (FP-ENAS/CEBIMED), Faculty of Health Sciences, Fernando Pessoa University, 4200-150 Porto, Portugal

Dr. Carla Martins Lopes

1. FP-BHS—Biomedical and Health Sciences Research Unit, FP-I3ID—Instituto de Investigação, Inovação e Desenvolvimento, Faculty of Health Science, Fernando Pessoa University, 4200-150 Porto, Portugal
2. Associate Laboratory i4HB—Institute for Health and Bioeconomy, Faculty of Pharmacy, University of Porto, 4050-313 Porto, Portugal
3. UCIBIO—Applied Molecular Biosciences Unit, MedTech—Laboratory of Pharmaceutical Technology, Faculty of Pharmacy, University of Porto, 050-313 Porto, Portugal
4. RISE—Health, Faculty of Health Sciences, Fernando Pessoa University, Fernando Pessoa Teaching and Culture Foundation, Rua Carlos da Maia 296, 4200-150 Porto, Portugal

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

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Prof. Dr. Patrick J. Sinko
Ernest Mario School of Pharmacy, Rutgers, The State University of New Jersey, William Levine Hall, Room 225C, 160 Frelinghuysen Road, Piscataway, NJ 08854-8020, USA

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