Special Issue

Controlled Release of Nanostructured Drug Systems

Message from the Guest Editors

Controlled-release formulations are aimed to modulate a drug pharmacokinetic profile by maintaining steady concentrations of the drug in the blood or target tissues. These nanostructured systems are able to improve drugs' therapeutic efficacy and reduce their toxicity and adverse effects. In addition, nanocarriers have shown to possess unique physical and chemical features and have been recently used in medicine for drug delivery and targeting. This Special Issue "Controlled drug release of nanostructured drug systems" of Pharmaceutics addresses this multidisciplinary field and aims to discuss innovative advances in the design and applications of nanostructured systems for diagnosis. therapeutics, and cosmetics, among other relevant fields. Colleagues are invited to participate by proposing original and review papers that deal with new strategies and approaches for nanostructured systems applied in pharmaceutical and biomedical sciences, with a special focus on functionalized nanostructured systems.

Guest Editors

Prof. Dr. Maria Luisa García

Department of Pharmacy, Pharmaceutical Technology and Physical Chemistry, Faculty of Pharmacy and Food Sciences, University of Barcelona, Barcelona, Spain

Prof. Dr. Elena Sánchez-López

Department of Pharmacy, Pharmaceutical Technology and Physical Chemistry, Faculty of Pharmacy and Food Sciences, University of Barcelona, Barcelona, Spain

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

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Editor-in-Chief

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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