



Bioactive Materials in Drug-Delivery Systems

Guest Editors:

Prof. Dr. Ping-Shan Lai

Department of Chemistry,
National Chung Hsing University,
Taichung 402, Taiwan

Prof. Dr. Martin Hsiu-Chu Lin

Department of Neurosurgery,
Chang Gung Memorial Hospital
Chia-Yi, Chia-Yi 61363, Taiwan

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Message from the Guest Editors

Dear Colleagues,

Research into the pharmacologic applications of nanotechnology-based drug-delivery systems has expanded in the past decade. With increasing sophistication in design and functionalities, newer target-specific and individualized treatments are now possible.

The selection of either natural or synthetic materials for drug-delivery systems is no longer just a passive delivery vehicle, but displays biophysicochemical dimensions that interact with the biologic microenvironment. These include the optimization of circulation kinetics and tissue distribution, targeted drug delivery, environment-responsive controlled-release, and anti-inflammatory or immunomodulatory properties.

The scope of this Special Issue is to gather the latest research on the field of bioactive materials and functionalization strategies in drug-delivery systems using nanotechnology for pharmaceutical applications. Authors are invited to submit original research articles and reviews in this rapidly expanding research field.

Prof. Dr. Ping-Shan Lai

Prof. Dr. Martin Hsiu-Chu Lin

Guest Editors





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Editor-in-Chief

Prof. Dr. Patrick J. Sinko

Department of Pharmaceutics,
Ernest Mario School of
Pharmacy, Rutgers University,
Piscataway, NJ 08854, USA

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Pharmaceutics Editorial Office
MDPI, Grosspeteranlage 5
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