



## Functional Polymers for Drug Delivery System II

Guest Editors:

**Dr. Jana Ghitman**

Advanced Polymer Materials  
Group, University Politehnica of  
Bucharest, 1–7 Ghe. Polizu Street,  
011061 Bucharest, Romania

**Prof. Dr. Raluca Stan**

Department of Organic  
Chemistry “Costin Nenitescu”,  
Faculty of Applied Chemistry and  
Materials Science, University  
POLITEHNICA of Bucharest,  
011061 Bucharest, Romania

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### Message from the Guest Editors

Continuous scientific progress has shifted the focus of biomedicine research from conventional treatment (focused only on the disease) toward personalized, non-invasive biomedicine, which blurs the limits between the organic/inorganic chemistry and molecular biology. This change in perspective fosters the development of advanced drug-delivery approaches with predictable and tuneable features for improving specificity and drug bioavailability in accordance with the therapeutic purpose. In the frame of the current challenges, functional polymers owing to their characteristics (e.g., versatility in formulation and functionalization, stimuli-responsibility, biodegradability for controlled drug release, and ability to encapsulate/solubilized a wide variety of therapeutics) are of particular interest in the formulation of various drug delivery systems with more sophisticated structures and functions.

The purpose of this Special Issue is to highlight recent achievements in the design of drug delivery formulations leveraging functional polymers with potential applications in biomedicine.





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## Editor-in-Chief

### **Prof. Dr. Alexander Böker**

Lehrstuhl für Polymermaterialien  
und Polymertechnologie,  
University of Potsdam, 14476  
Potsdam-Golm, Germany

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*Polymers* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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