

## Special Issue

# Advances in Polymer-Based Drug-Delivery Systems

### Message from the Guest Editors

Drug-delivery systems are continuously evolving. Advances in drug discovery imply the development of systems that allow their adequate release. In addition, the need to establish dosing regimens that increase the efficacy of current treatments, or that facilitate the day-to-day life of patients, is driving the research in this field. In this sense, the use of polymers offers a great opportunity to develop drug-delivery systems with unique characteristics. The versatility offered by polymers, depending on the unique characteristics of each one of them, allows us to tailor drug-delivery systems to therapeutic requirements. Thus, it is possible to design sustained release systems, biodegradable systems, mucoadhesive systems or stimuli-sensitive release systems, among others. In addition, the properties offered by these polymers can be altered by chemical or enzymatic modifications, which change the number of branches or the presence of surface charges in these polymers, thus making it possible to modify their solubility, adhesiveness, viscosity or any other characteristic that is crucial for their use in systems for the delivery of active ingredients.

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### Guest Editors

Dr. Maria-Dolores Veiga

Dr. Fernando Notario-Pérez

Dr. Roberto Ruiz-Caro

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### Deadline for manuscript submissions

closed (30 June 2024)



## Polymers

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Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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