



Polymers for Designing Drug Delivery Systems

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Deadline for manuscript
submissions:

closed (1 August 2023)

Message from the Guest Editors

Polymers have been extensively used in a plethora of applications. Among these applications, the design and development of drug delivery systems represents an essential direction, due to their biocompatibility and biodegradability. Moreover, they allow for the encapsulation of a wide variety of drug molecules with different affinities for water and lipids, which further enables the modulation of drug biodistribution, absorption and release. Aside from being used as drug delivery vehicles, numerous synthetic and natural polymers have demonstrated bioactivities when applied in biological systems, such as antimicrobial, antioxidant, anticancer and regenerative behaviors. Therefore, this field is continuously expanding and evolving towards the improvement of the currently available drug formulations.

Thus, this Special Issue on “Polymers for Designing Drug Delivery Systems” aims to create a broad collection of the most recent and advanced research articles and comprehensive reviews on the topic of polymers, regarding the controlled release of biologically active molecules, in order to further contribute to the progress in the biomedical field.





Editor-in-Chief

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Message from the Editor-in-Chief

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 5.0.

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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