Special Issue

Biodegradable Polymeric Nanosystems for Drug Delivery

Message from the Guest Editors

The size of polymers can vary depending on the drugloading approach and the biological target, allowing for faster clearance after intravenous administration. prolonged circulation half-life, and increased probability of crossing various biological barriers and preventing accumulation in capillaries and/or other organs. Given the subcellular size of systems, the use of biodegradable polymers modulates the pharmacokinetic properties of various active substances. Polymer vectors can be developed with various molecular organizations and macromolecular structures. Apart from designing and characterization of micro- and nanoparticles, dendrimers, composites, prodrugs, polymer-drug conjugates, thermosensitive and pH-sensitive polymers, hydrogels, and so on, we intend to include novel techniques used for different drugs delivery based on biodegradable polymers. Furthermore, methods of these systems' preparation. surface modification and characterization methods as well as drug loading and drug release will be addressed in the proposed Special Issue.

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We hope to handle your contribution to *Pharmaceuticals* soon.

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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