



## Albumin-Based Drug Delivery Systems

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### Message from the Guest Editor

Dear Colleagues,

Albumin is playing an increasing role as a versatile, biodegradable nano drug carrier in clinical therapy. By applying different formulation techniques, nanoparticles can be prepared from albumin and an active pharmaceutical ingredient. Principally, three drug delivery technologies can be distinguished for binding small-molecule or peptide drugs through the charged amino acids, carboxyl, and amino groups of albumin: physical or covalent binding of the drug to albumin through a ligand- or protein-binding group, the fusion of drug with albumin, and the encapsulation of drugs into albumin nanoparticles. The accumulation of albumin in inflamed tissues and solid tumors forms the rationale for developing albumin-based drug delivery systems for targeted drug delivery.

The current Special Issue aims to focus on the development and optimization of albumin nanoparticles which can be a promising tool in therapy through conventional or alternative administration routes. Research scientists working in this field are therefore invited to contribute by submitting original research articles, review articles, or commentaries.





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## Message from the Editor-in-Chief

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