Special Issue

Smart Nanoparticles for Tumor-Targeted Drug Delivery

Message from the Guest Editors

Nanoparticle drug delivery systems (NDDSs) have attracted tremendous attention in tumor-targeted drug delivery, with the fascination concerning novel properties of nanoparticles mainly stemming from the fact that nanoparticles have a huge surface area compared to microparticles or bulk materials. To control drug delivery with a very slow drug release into the blood circulation, yet with a fast drug release at tumor tissues, smart nanoparticles capable of releasing more drug molecules upon the stimulation of the tumor microenvironment are crucial for improving antitumor efficacy. This Special Issue aims to discuss the latest research progress of novel smart nanoparticles. including the design, preparation, and their applications in tumor-targeted drug delivery. This is a very useful resource for researchers who are actively involved in NDDSs. We accept original research articles, critical review papers, and commentaries providing a further understanding regarding novel smart nanoparticles for tumor-targeted drug delivery.

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