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.

Guest Editors

Prof. Dr. Zifu Li

- National Engineering Research Center for Nanomedicine, College of Life Science and Technology, Huazhong University of Science and Technology, Wuhan 430074, China
- Key Laboratory of Molecular Biophysics of Ministry of Education, College of Life Science and Technology, Huazhong University of Science and Technology, Wuhan 430074, China
- 3. Hubei Key Laboratory of Bioinorganic Chemistry and Materia Medical, Huazhong University of Science and Technology, Wuhan 430074, China
- 4. Hubei Engineering Research Center for Biomaterials and Medical Protective Materials, Huazhong University of Science and Technology, Wuhan 430074, China

Prof. Dr. Zhiyue Zhang

Department of Pharmaceutics, Key Laboratory of Chemical Biology (Ministry of Education), School of Pharmaceutical Sciences, Shandong University, Jinan 250012, China

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
pharmaceutics@mdpi.com

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Prof. Dr. Patrick J. Sinko

Department of Pharmaceutics, Ernest Mario School of Pharmacy, Rutgers University, Piscataway, NJ 08854, USA

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