

Special Issue

Stimuli-Responsive Nanomedicine as New Generation Therapeutic Agents

Message from the Guest Editors

As cutting-edge anticancer and antimicrobial agents, nanomaterials have been extensively used in pharmaceuticals as alternative therapeutic modalities to established therapeutics. In particular, functionalized nanomaterials with stimuli-responsive (endogenous and exogenous) properties have been synthesized as a nanoplatform and used for different biomedical applications. Nevertheless, further studies must be conducted to develop new nanoplatforms that optimize the potential of these stimuli-responsive nanomaterials with good biocompatibility and clinical optimization. This Special Issue will shed light on the use of stimuli-responsive nanomaterials as potential candidates for various biomedical applications, especially as anticancer and antimicrobial agents, and draw the scientific community's attention to further challenges and avenues of research in this field. Authors are invited to submit original research articles and reviews in this important and exciting research field.

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