



## Smart Nanomaterials for Biomedicine

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### Message from the Guest Editor

Dear Colleagues,

The field of nanotechnology is rapidly developing to generate novel solutions for challenges in biomedicine. Smart nanomaterials can be wirelessly activated to perform predetermined tasks in confined spaces and offer unprecedented approaches to therapeutics and diagnostics. Combined with active biomaterials, intelligent material systems have been used to release drugs in a targeted manner, perform *in vivo* sensing, and kill cancer cells. These pioneering biomedical applications of smart nanomaterials suggest that the field will continue to develop however there are challenges to be overcome for seamless *in vivo* integration.

In this special issue, we would like to highlight the exciting developments in the field and draw attention to challenges ahead.

Dr. Berna Özkale Edelmann

*Guest Editor*





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