



Advances in Nanomedicine for Disease Treatment and Diagnosis

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Message from the Guest Editors

Dear Colleague,

Nanomedicine, integrating nanotechnology, biology and medicine, has emerged for providing better disease treatments and more precise diagnosis. In the recent 20 years, various nanomedicines have been developed by engineering nanomaterials to deliver therapeutic/imaging agents such as drugs, proteins, peptides, imaging probes and photosensitizers to targeted tissues and cells. Several innovative therapeutic strategies, such as personalized nanomedicine, imaging-guided nanomedicine, and combination therapies (photothermal therapy, photodynamic therapy, sonodynamic therapy, and immunotherapy) are making remarkable progress, achieving the goals of early diagnosis and improving treatment efficiency. So far, >20 nanomedicines have been approved by US Food and Drug Administration (FDA) and used in the clinic, and more are in clinical trials, bringing about the revolution of conventional medicine.





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Message from the Editor-in-Chief

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