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Nanomedicines for Oncotherapy

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Message from the Guest Editor

Targeted drug delivery not only promises to significantly increase drug effectiveness but also, to reduce associated off-target effects. Therefore, achieving a proper biodistribution profile is one of the main objectives on current nanomedicines. In this sense, the current trend in the field is moving towards active targeting strategies, which are showing very promising advances in terms of cell specificities. This special issue entitled “Cell-Targeted Nanomedicines for Oncotherapy” expects to collect current research progresses in the development of therapeutic nanoparticles or nanoconjugates for targeted drug delivery in tumoral cells. Therefore, this special issue invites all researchers working on this field to contribute with their original research articles, communications or reviews as it represents a good opportunity to put together the recent advances in nanostructure-driven targeted cancer therapies.

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Editor-in-Chief

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Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call "nanomaterials". These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

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