

Special Issue

Molecular Imaging in Nanomedical Research—3rd Edition

Message from the Guest Editor

progress in nanomedical research took advantage of the widespread application in vitro and in vivo of imaging techniques for the characterization and preclinical/clinical testing of nanomedical tools. Light and electron microscopy, magnetic resonance imaging, optical imaging, positron emission tomography, and ultrasound imaging have mostly been used, while other imaging techniques have been originally applied to nanomedical issues, often adapting conventional methods to particular purposes; this has allowed us to successfully describe the biodistribution, targeting, efficacy, and clearance of novel nanoconstructs in single cells, tissues, organs, or whole organisms.

This Special Issue will collect research and review articles as well as methodological papers to give a comprehensive overview of the role of imaging techniques for studying the structural and functional interactions of the nanoconstructs with the living systems. All researchers involved in nanomedical research (chemists, physicists, pharmacologists, biotechnologists, biologists, and physicians) are invited to submit their manuscripts.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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