



Nanobiotechnology for Drug Discovery and Diagnostics

Guest Editor:

Prof. Dr. Gerardo Byk

Bar-Ilan University, Ramat Gan,
Israel

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Message from the Guest Editor

Dear Colleagues,

Nanometric systems are used for controlled drug release, gene delivery, tissue engineering, diagnostics, and theranostics. These systems are composed of polymers, lipids, and inorganic materials and can be generated by self-assembling special templates through polymerization or crystalization. Many nanometric systems need fine-tuned physical properties to make them suitable for specific biological applications. However, one property is common for all: the need for biocompatibility and bioavailability.

This Special Issue on “Nanobiotechnology for Drug Discovery and Diagnostics” aims to provide an overview of the last advances in these areas, starting from the generation of new nanometric systems with improved physico-chemical properties that provide high biocompatibility and bioavailability and their application in the different areas of drug development and diagnostics.





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Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical
Biology and Phytochemistry,
University of Münster,
Corrensstrasse 48, D-48149
Münster, Germany

Message from the Editor-in-Chief

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Molecules Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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