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# **Development and Application of Nanomaterials in Biology**

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Deadline for manuscript submissions:

closed (30 November 2023)

# **Message from the Guest Editors**

This Special Issue aims to attract high-quality reports on different nanoarchitectures in correlation with their ability to affect biochemical processes via different mechanisms. which are exemplified as the following: <false, > Reports on the design and synthesis of nanomaterials exhibiting magnetothermal, photothermal, photodynamic chemodynamic therapeutic effects on cell viability are appreciated. The binding of different nanomaterials with biomolecules exemplified, but not limited by enzymes, blood proteins, DNA and neurotransmitters will be in a focus of the Special Issue. The development of nanomaterials with cellular- or tissue-contrasting effects is also within the framework of the Special Issue, Research providing justifications of mechanisms of the cellular uptake behavior of nanomaterials in correlation with their nanoarchitecture is also welcome, as well as studies regarding the design and synthesis of nanomaterials for target binding with biorelevant macromolecules or penetration into specific cells and/or cell compartments.













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# **Message from the Editorial Board**

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