

## Special Issue

# The 20th Anniversary of *Pharmaceuticals*—Nanoparticle Interactions with Cells

### Message from the Guest Editor

A wide variety of nanoparticles (NPs) with regard to composition, size, shape and reactive functional groups/surface charge are nowadays developed and tested for a variety of potential applications including—but not limited to—biomedical applications such as drug delivery, biological imaging, tissue engineering, antimicrobials/antivirals/antifungals and biosensors. In most cases up to now, relevant studies are only limited to the effect of NPs on cellular uptake and cytotoxicity, but it is increasingly realized that future studies must focus on studying the effect of NPs on cellular functions, including, for instance, cell stress, cell mechanics, subcellular internalization, and the cellular fate of NPs. In addition, further knowledge must be acquired on the ability of localized NPs either intracellularly or in the extracellular milieu to impair cell-cell adhesion, cell-matrix adhesion and cell migration. During the past few years, investigations of this kind have been carried out and it is the aim of this Special Issue to encourage and support such efforts by providing a forum for the exchange of scientific results and ideas.

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### Guest Editor

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### Deadline for manuscript submissions

closed (25 February 2025)



## Pharmaceuticals

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Impact Factor 4.8  
CiteScore 7.7  
Indexed in PubMed



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### Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*.

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We hope to handle your contribution to *Pharmaceuticals* soon.

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### Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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