



Nanoparticles in Vivo and in Vitro Studies: A Collection of Parallel Approaches

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

In this sense, the in vivo findings based on biokinetic behaviour of nanoparticles and on toxicological results should set out the frame for the design of predictive cell tests: Starting with the selection of most appropriate and representative test cells, meaningful cellular doses of nanoparticles appear most important, along with a fine-tuned experimental setting meant to unravel and understand the sophisticated response of cells upon nanoparticle treatment.

This Special Issue of *Nanomaterials* is therefore devoted to original contributions in which in vitro work is reasoned and accompanied by in vivo studies with the aim to maximize the degree of similarity of both approaches. Well-motivated studies aiming at the risk estimation for animals and humans are welcome and acceptance will not depend on the degree of success, as long as contributions are in accord with 3R principles.

Prof. Dr. Martin Wiemann
Guest Editor





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Message from the Editor-in-Chief

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