

## Special Issue

# Antitumor Properties of Nanoparticles

### Message from the Guest Editor

Despite developments in medicine and diagnostic fields, tumors remain among the leading causes of death throughout the world. Nanoparticles have been explored for biomedical applications, and are considered as a possible choice for experimental tumor therapies and drug delivery strategies. The unique properties of nanoparticles and the possibility of chemical modification and attachment of active substances allow the materials to be well-adapted to targeted antitumor therapies. Despite the great interest, the use of nanoparticles in antitumor therapies requires further research, particularly regarding the understanding of their biological interactions and distribution in the body and individual tissues. Therefore, authors are invited to submit original research and review articles on the antitumor properties of nanoparticles and nanoparticles conjugates. Topics include, but are not limited to:

- Toxicity;
- Interactions with cell cycle and biological pathways;
- Regulation of key tumor physiology processes including migration, invasiveness, autophagy, and angiogenesis;
- Interaction with the tumor microenvironment;
- Distribution in tissues and model organisms.

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### Guest Editor

Dr. Mateusz Wierzbicki

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### Deadline for manuscript submissions

closed (28 January 2022)



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

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