

Special Issue

Cancer Nanomedicine—from the Bench to the Bedside, 2nd Edition

Message from the Guest Editor

As we all know, finding efficient non-invasive imaging systems to be used in diagnosing cancer and novel effective anticancer therapies are two urgent and still unresolved problems. Nanotechnology-based therapeutic systems exhibit major benefits with respect to conventional tracers and active agents, including higher imaging resolution, improved half-life, more efficient tumor targeting, enhanced therapeutic action, drug resistance bypass, and reduced side effects. This Special Issue welcomes submission on nanosystems for cancer imaging/anticancer nanotherapeutics with one or more of the following aspects:

- Computer-assisted design, synthesis, and optimization of new covalent/self-assembled chemical entities as cancer nanomedicines and/or nanosystems carrying anticancer agents;
- Physicochemical and structural characterization;
- In vitro and in vivo studies, including cellular uptake and localization of the compounds, controlled release, mechanism of the anticancer activity, characterization and modeling of the PK/PD relationship, etc.

Guest Editor

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Deadline for manuscript submissions

closed (29 February 2024)



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