

## Special Issue

# Molecules and Nanoparticles for Cancer Diagnosis and Therapy

### Message from the Guest Editors

Cancer remains one of the leading causes of death worldwide, with nearly 19.3 million new diagnoses and an estimated 10.0 million deaths recorded each year [Sung et al., CA Cancer J Clin. 2021, 71, 209–249]. In this context, new and efficient methods are highly needed in terms of accurate imaging techniques for early diagnosis, as well as cancer treatments and their real time monitoring. The scope of this Special Issue is to collect original and review papers, both experimentally and/or computationally (quantum chemical and molecular dynamics) oriented, related to molecules and nanoparticles for cancer diagnosis and therapy. The submitted manuscripts are expected to deal with the structure and physicochemical properties of a wide range of compounds, including but not limited to: lead candidates for developing new anticancer drugs, novel PET and SPECT tracers, molecules for photodynamic therapy, natural antioxidants and phytochemicals, and multimodal nanoparticles or nanoparticle-based contrast agents.

### Guest Editors

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### Deadline for manuscript submissions

closed (28 February 2023)



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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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