

Special Issue

Inorganic Nanoparticles in Cancer Therapy

Message from the Guest Editors

The research field on inorganic nanomaterials has been yielding increasingly complex architectures and demonstrating a plethora of novel application possibilities. Thus, even in the case of the construction of nanomaterials for cancer treatment, which initially was mostly considered as the area fitted for organic types of materials, there have been huge breakthroughs in demonstrating the applicability of inorganic nanoparticles for cancer treatment and diagnostics. Such nanomaterials may encompass functionalized gold, silver, silica, organosilica, silicon, magnetite and other metal oxides, diamond, hydroxyapatite, and further types of inorganic nanoparticles that may benefit as the sole drug carrier, or in the form of more complex nanoarchitectures composed of different types of nanoparticles, for more efficient cancer treatment and diagnostics. This Special Issue aims to highlight the compositional, morphological, and functional diversity of the inorganic nanoparticles for applications in the construction of novel, smart nanoassemblies for targeting, selective treatment, and diagnosis of cancer.
Prof. Dr. Goran Kaluderovic

Guest Editors

Prof. Dr. Goran Kaluderović

Department of Engineering and Natural Sciences, University of Applied Sciences Merseburg, Eberhard-Leibnitz-Strasse 2, 06217 Merseburg, Germany

Dr. Nikola Knežević

Associate research professor, Biosense Institute, University of Novi Sad, Serbia

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Inorganics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
inorganics@mdpi.com

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Message from the Editor-in-Chief

Inorganic chemistry remains a lynchpin of modern chemistry, not only embracing the function and reactivity of combinations of most elements of the periodic table, but also providing a footing for studies of materials, catalysts, drugs, fuels and industrial chemicals. Arguably, the role and reach of inorganics in society have never been as great as today. Adventurous research at the heart and at the extremes of inorganic chemistry is vital to further advances and Inorganics offers authors the opportunity to publish exciting new research in an open access format.

Editor-in-Chief

Prof. Dr. Duncan H. Gregory

School of Chemistry, University of Glasgow, University Avenue, Glasgow G12 8QQ, UK

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