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Synthesis and Investigation of Novel Coordination Compounds

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Deadline for manuscript
submissions:

closed (30 June 2022)

Message from the Guest Editors

Dear colleagues,

This Special Issue will cover all aspects of coordination chemistry and will span from the molecular world of complexes to the world of solid state compounds, such as metal–organic frameworks and functionalized nanoparticles with all the fascinating applications that make coordination chemistry a very powerful and interdisciplinary field.

We welcome contributions dedicated to the synthesis and investigation of:

- New functional molecular transition metal complexes in catalysis, medical chemistry, and optoelectronics;
- New functional coordination polymers and metal–organic frameworks (MOFs);
- New supramolecules based on coordination chemistry;
- New coordination chemistry on the surface of nanoparticles and low-dimensional solid materials.

Prof. Dr. Axel Klein

Prof. Fabian Mohr

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Guest Editors



mdpi.com/si/42675

Special Issue



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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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