

Special Issue

Medicinal Chemistry of Metal Complexes: Design, Synthesis and Evaluation

Message from the Guest Editors

Metal-based drugs and metal complexes continue to be of great interest in medicinal chemistry due to their diversity in biological application. Throughout history, metal-based drugs have been used, but the discovery of cisplatin was a breakthrough moment that motivated researchers to design and synthesize more metal complexes for use in biological treatment. Platinum-based drugs, especially cisplatin, are undoubtedly the most commonly used metal complexes in the treatment of cancer, but a large number of complex compounds based on other metals (palladium, gold, ruthenium, silver, tin, rhodium, etc.) are also used as antitumor drugs. This Special Issue focuses on the growing knowledge in coordination chemistry for therapeutic and diagnostic use, such as in cancer, diabetes and CNS disorder therapy, or any other use of metal-based drugs for a biological targets in living organisms. Here, we welcome original research articles and reviews.

Guest Editors

Dr. Bojana B. Zmejkovski
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Prof. Dr. Nebojša Pantelić

Deadline for manuscript submissions

closed (24 April 2026)



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Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*.

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We hope to handle your contribution to *Pharmaceuticals* soon.

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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