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Metal-Based Complexes in Cancer Treatment

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submissions:

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Message from the Guest Editors

Dear Colleagues,

Metal-based complexes contribute a vital part in the available arsenal of cytotoxic agents today. Platinum(II) complexes, specifically targeting genomic DNA (e.g., cisplatin and carboplatin), are widely used in the clinic for the treatment of various cancers. This Special Issue will include original research and review articles on the use of platinum and nonplatinum metal complexes in cancer therapy. In particular, papers focusing on the design and developing targeted metal-based anticancer agents, understanding their mechanisms of action, and innovative drug delivery approaches will be considered. Topics of interest for this Special Issue include but are not limited to the following:

- medicinal chemistry of metal-based anticancer drugs;
- synthesis/improvement of platinum and nonplatinum metal complexes;
- mechanisms of action/biological targets of metal-based drugs;
- clinical applications of metal-based anticancer agents;
- uptake, toxicity, and resistance of metal-based anticancer agents;
- metal-based complexes in targeted drug delivery;
- metal-based drugs in cancer combinatorial therapy.



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Special Issue



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Editor-in-Chief

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Message from the Editor-in-Chief

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