



Transition Metal Complex-Based Luminescent Probes

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Message from the Guest Editors

Dear Colleagues,

Transition metal complexes have received intensive interest in bioinorganic chemistry since the approval of cis-platin as a chemotherapeutic agent in the late 1970s. Since then, other bioactive transition metal complexes have been discovered and evaluated through *in vitro* and *in vivo* models, and some have entered clinic trials. At the same time, transition metal complexes have also been characterized by desirable photophysical properties including long emission lifetime, large Stokes shift, high photostability, and triplet emission. The dual role of luminescent transition metal complexes as both a luminophore and as a therapeutic agent has prompted academics to explore their potential in environmental analysis, biological analysis, and theranostic applications. These efforts highlight the importance of luminescent transition metal complexes in analytical and medicinal fields.

In this Special Issue, we wish to cover the most recent advances in all these aspects of transition metal complex-based luminescent probes by hosting a mix of original research articles and short critical reviews.





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Message from the Editor-in-Chief

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