

Special Issue

The Discovery and Development of Cisplatin 2.0

Message from the Guest Editor

This Special Issue seeks to provide a roundtable where researchers with different backgrounds can contribute their findings to this highly relevant field. Therefore, the scope of the Issue encompasses, but is not restricted to, the following areas: the unexpected events leading the discovery of cisplatin's antitumor action, its introduction to clinical practice, the comprehension of its mechanism of action and the ongoing research to overcome cisplatin resistance. The use of cisplatin is associated with numerous side effects, including nephrotoxicity, neurotoxicity and ototoxicity. Nephrotoxicity may be reduced or prevented by intravenous hydration, while neurotoxicity and ototoxicity are still lacking therapeutic and preventive treatments. Despite the success of cisplatin in cancer therapy, extensive research efforts have been devoted to improving the cisplatin formula, aiming to limit adverse events. Therefore, contributions to this Issue in the forms of both original research and review articles could cover any aspect of the development of new platinum-based strategies maintaining anticancer activity and simultaneously avoiding known side effects.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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