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# Cisplatin in Cancer Therapy: Molecular Mechanisms of Action 3.0

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Deadline for manuscript submissions:
**closed (30 April 2022)**

## Message from the Guest Editors

Complete elucidation of the mechanism of action of platinum-based drugs is a fundamental and high-priority task that could potentially allow the amelio ration or elimination of the severe side effects accompanying patient treatment. Another important challenge is to understand in detail the nature of the intracellular pathways that are affected by the platinum--DNA adducts, which are responsible for developing resistance to platinum drugs and for the differential response of tumors to these drugs platinum (ie, cisplatin and oxaliplatin have different activities toward colorectal cancer). We think that the study of the molecular determinants involved in the mechanism of action of cisplatin and its analogs is an extremely important interdisciplinary field that requires the collaboration of chemists, biologists, pharmacologists, and physicians who, in some cases, do not always communicate on the same level. While the stakes are high, we are confident that the uncertainties in the mechanism of action of cisplatin can be elucidated in the next decade and in time to celebrate the 50th anniversary of the FDA's approval of cisplatin.

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## Message from the Editor-in-Chief

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