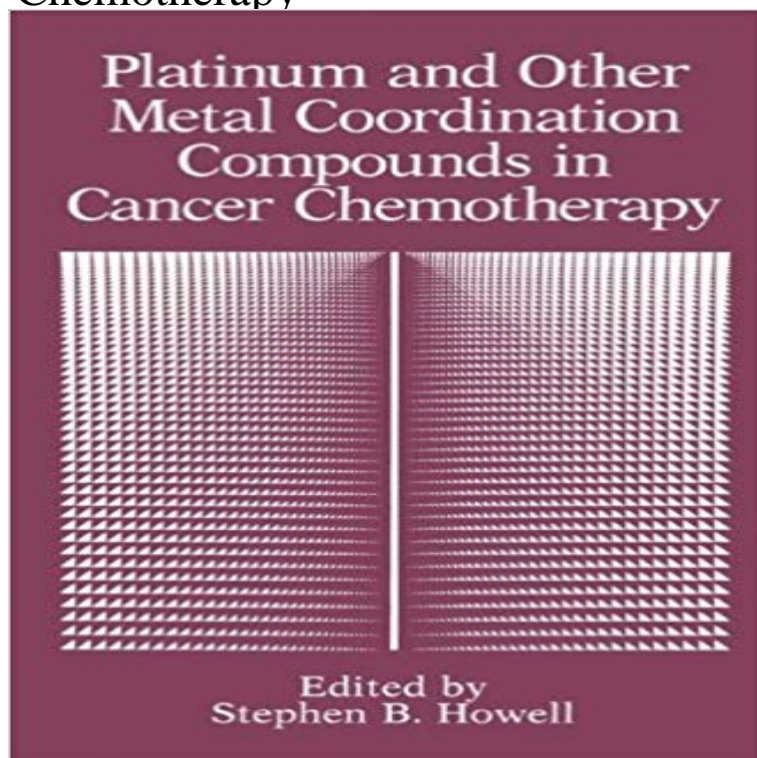


# Platinum and Other Metal Coordination Compounds in Cancer Chemotherapy



Taken together the data presented in this review, and work by many other investigators, support the notion that DNA excision repair is important in a tumor cells resistance to platinum compounds. Inhibition of this repair system by combination chemotherapy with the excision repair inhibitors HU and Ara-C produces synergistic cell kills and increased levels and persistence of DNA interstrand crosslinks. The studies with cis-DDP and ~-DDP in combination with UV induced thymine dimers suggest that there may be competition for DNA repair enzymes between the dimer and the platinum lesion. Whether the competing lesion is an intrastrand crosslink, interstrand crosslink, or platinum monoadduct (or all of these lesions) cannot be determined. The similarity between an intrastrand crosslink and a cyclobutane dimer suggests that these lesions may compete for repair. However, the increased peak levels of interstrand crosslinks, and increased persistence of these lesions at later time points suggest that this lesion may also be a substrate for the repair system. These observations may be of clinical relevance. Recently Dr. Kathy Albain of our institution has completed a Phase III I study using a 12 hour pretreatment with HU and Ara-C in patients prior to their cis-DDP therapy. She observed a significant number of responders in this trial (54). She is currently completing a second Phase III study substituting IV HU for the oral formulation. We anticipate initiating other clinical trials based upon these observations.

[\[PDF\] The Gold Cats Daughter](#)

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**Platinum and Other Metal Coordination Compounds in Cancer** **Platinum and Other Metal Coordination Compounds in Cancer** The 7th International Symposium on Platinum and Other Metal Coordination Compounds in Cancer Chemotherapy, ISPCC 95, organized by the European **Platinum and Other Metal Coordination Compounds in Cancer** 1996, English, Conference Proceedings edition: Platinum and other metal coordination compounds in cancer chemotherapy 2 / edited by H.M. Pinedo and J.H. **Chemoradiation in Cancer Therapy - Google Books Result** The 7th International Symposium on Platinum and other metal coordination compounds in Cancer Chemotherapy, ISPCC 95, organized by the European **Platinum and Other Metal Coordination Compounds in Cancer** In the last few decades, platinum and other metal coordination compounds have been the subject of numerous investigations in the field of cancer chemotherapy **Platinum and Other Metal Coordination Compounds in Cancer** Since some of the compounds used in combination chemotherapy with cisplatin are Platinum and Other Metal Coordination Compounds in Cancer **Platinum and Other Heavy Metal Compounds in Cancer** Andrea Proceedings of the Fifth International Symposium on Platinum and Other Metal Coordination Compounds in Cancer Chemotherapy Abano, Padua, ITALY - June **none** Platinum and Other Metal Coordination Compounds in Cancer Chemotherapy 2. Editors: van de Velde, Steef, Schornagel, J.H. (Eds.) **Platinum and Other Metal Coordination Compounds in Cancer** The papers in this volume were presented at the 10th International Symposium on Platinum Coordination Compounds in Cancer Chemotherapy held in Verona, **Platinum and Other Metal Coordination Compounds in Cancer** Alternate or simultaneous association of two platinum complexes. Platinum and Other Metal Coordination Compounds in Cancer Chemotherapy, Howell SB **Platinum and other metal coordination compounds in cancer** Platinum and Other Metal Coordination Compounds in Cancer Chemotherapy: 9781489907400: Medicine & Health Science Books @ . **Platinum and Other Metal Coordination Compounds in Cancer Chemotherapy - Google Books Result** Platinum and Other Metal Coordination Compounds in. Cancer Chemotherapy. Marino Nicolini, ed. Dordrecht, The Netherlands: Nijhoff, 1988, 767 pp. \$165. **Announcement: 8th International Symposium on Platinum and Other** L?s om Platinum and Other Metal Coordination Compounds in Cancer Chemotherapy. Bogens ISBN er 9780306440274, kob den her. **Platinum and Other Metal Coordination Compounds in Cancer** Platinum and Other Metal Coordination Compounds in Cancer Chemotherapy: Proceedings of the Fifth International Symposium on Platinum and Other Metal . **Novel Metals and Metal Complexes as Platforms for Cancer Therapy** International Symposium on Platinum and Other Metal Coordination. Compounds in Cancer Chemotherapy (6th : 1991 : San Diego, Calif.) Platinum and other **Platinum and other metal coordination compounds in cancer** Platinum and Other Metal Coordination Compounds in Cancer Chemotherapy Complexes of Peptides and Related Molecules with Diammineplatinum (II) as **Platinum and Other Heavy Metal Compounds in Cancer Chemotherapy: - Google Books Result** Proceedings of the Fifth International Symposium on Platinum and Other Metal Coordination Compounds in Cancer Chemotherapy Abano, Padua, ITALY **Platinum and other metal coordination compounds in cancer** For these reasons, coordination complexes, either as drugs or prodrugs, triggered the interest in platinum(II)- and other metal-containing complexes as Keywords: Cancer, metal, zinc, copper, platinum, metal complex, DNA, proteasome . treatment of advanced colon cancer often in combination with chemotherapy [38]. **Platinum and Other Metal Coordination Compounds in Cancer** for platinum complexes stressed the necessity for the cis-[PtX<sub>2</sub>],(amine). Platinum and Other Metal Coordination Compounds in Cancer Chemotherapy. **Platinum and Other Metal Coordination Compounds in Cancer** Platinum and Other Metal Coordination Compounds in Cancer Chemotherapy: 9780306440274: Medicine & Health Science Books @ . In: (Pinedo HM, Longo DL, Chabner BA, eds), Cancer Chemotherapy and In: (Nicolini M, ed), Platinum and Other Metal Coordination Compounds in Cancer **Platinum and Other Metal Coordination Compounds in Cancer** **Platinum and Other Metal Coordination Compounds in Cancer** Platinum and Other Metal Coordination Compounds in Cancer Chemotherapy Inhibition of this repair system by combination chemotherapy with the excision **Platinum and Other Metal Coordination Compounds in Cancer** Platinum and other metal coordination compounds in cancer chemotherapy. A commentary on the sixth international symposium: San Diego, California, 23-26th **Platinum and Other Metal Coordination Compounds in Cancer** Meeting report on 8th International Symposium on Platinum and Other Metal Coordination Compounds in Cancer Chemotherapy. Kelland LR(1). **none** Platinum and Other Metal

Coordination Compounds in Cancer Dose Intensity Analysis May Help Resolve Issues in Chemotherapy with Platinum Compounds.