



Review

Copper Complexes: Propitious Tool for Cancer Treatment

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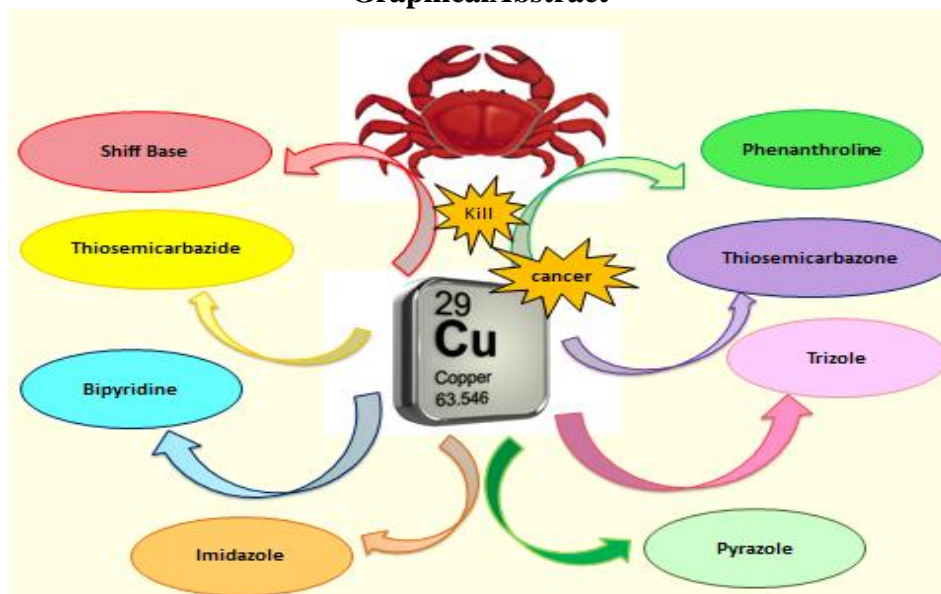
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ABSTRACT

Platinum complexes have turned out as the cornerstones of modern cancer chemotherapy. The perceptible disadvantages of existing chemotherapeutics have led to the build out of novel anticancer agents with alternative modes of action. The antitumor properties of different metal complexes have been evaluated. Among these copper has been found to be involved in biological systems driving a vital array of chemical reactions. It accumulates in tumors due to selective permeability of the cancer cell membranes. In this review, we highlight recent advances in the development of copper complexes as anticancer drug candidates.

Graphical Abstract



Keywords: Copper, Thiosemicarbazides, Schiff Base, Chemotherapeutics.