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## CR-LAAO causes genotoxic damage in HepG2 tumor cells by oxidative stress

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### **Highlights**

- CR-LAAO possesses higher binding affinity to HepG2 tumor cells than to PBMC.
- CR-LAAO significantly increased intracellular levels of ROS only in HepG2 tumor cells.
- CR-LAAO induced DNA damage in HepG2 cells after 4 h and 24 h of stimulus.
- CR-LAAO altered the tumor cell expression of DNA repair and antioxidant pathway genes.
- These findings reinforce the remarkable antitumor potential of this snake toxin.

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