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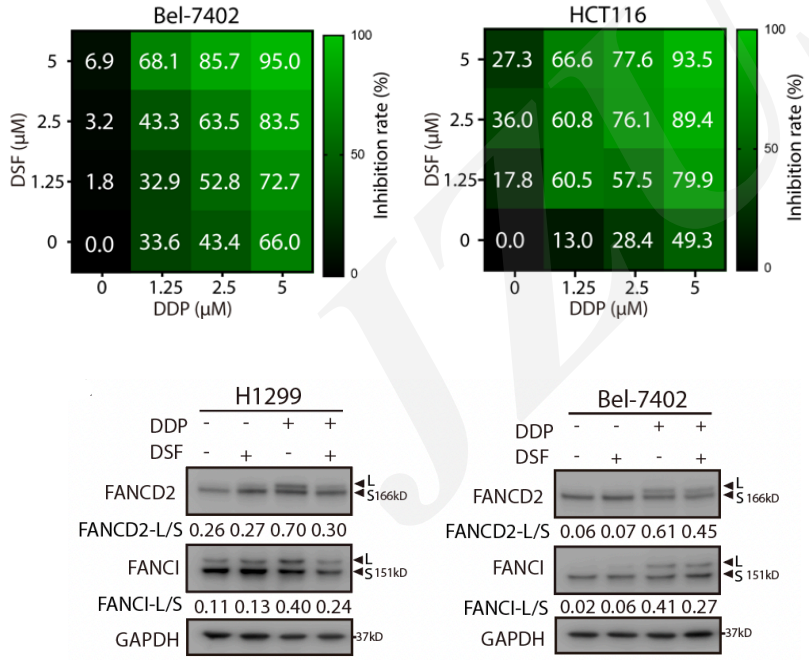
Disulfiram enhances the antitumor activity of cisplatin by inhibiting the Fanconi anemia repair pathway

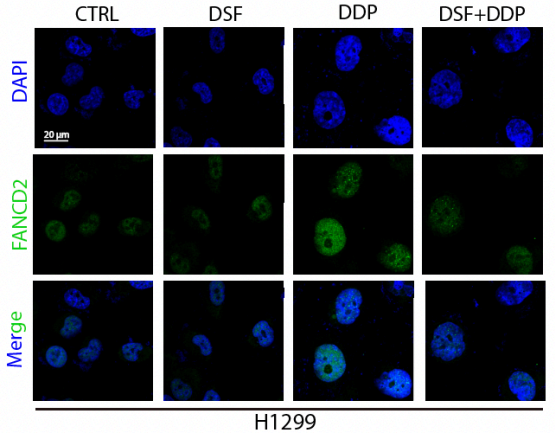
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Key words: Disulfiram; DDP; DNA damage; FA repair; Chemotherapy

Research Summary

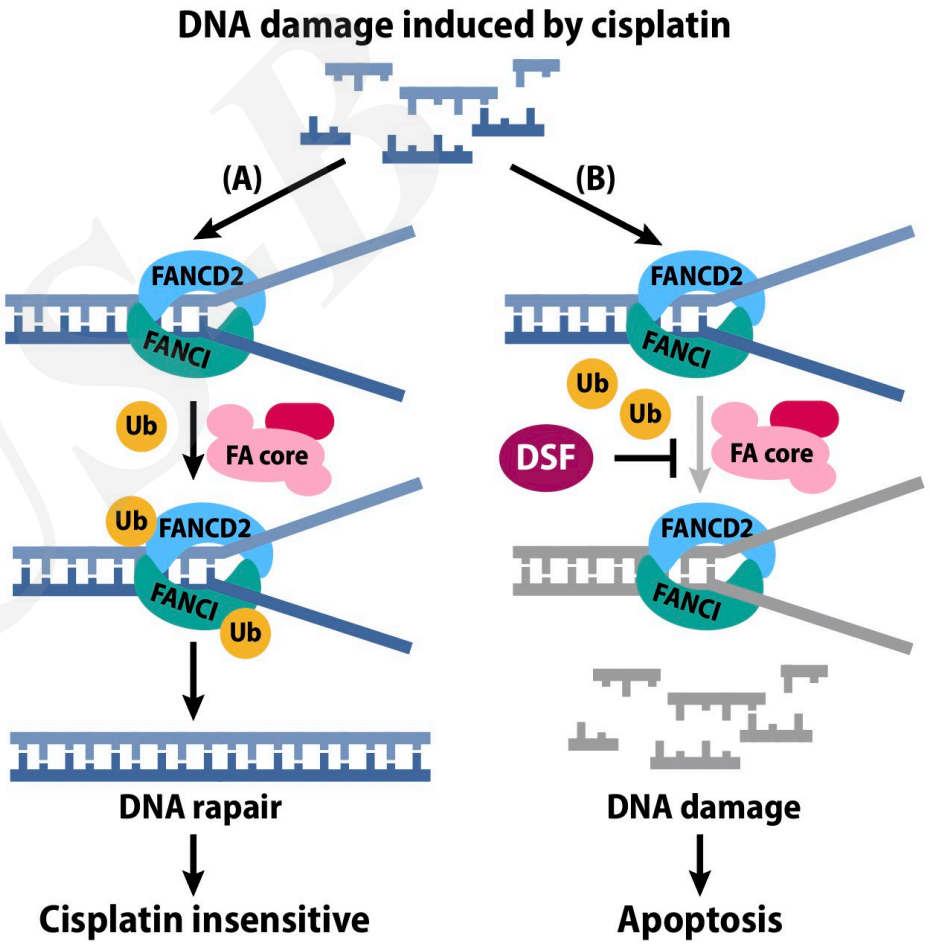
- **The synergistic antitumor effect of DSF was exerted by enhancing DNA damage induced by DDP.**
- **DSF prevents the monobiquitination of FANCD2 thus inhibiting the FA repair pathway of tumor cells.**





Research Summary

When DDP-induced DNA damage occurs in tumor cells, DSF can block the monoubiquitination of FANCI:FANCD2 heterodimers, inhibiting the FA repair pathway, and reducing the ability of tumor cells to resist DNA damage.



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