

Review of: "The Application and Pathway Regulation of Traditional Chinese Medicine in Lung Cancer Treatment: An Exploratory Review"

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Potential competing interests: No potential competing interests to declare.

1. Every synergistic effect between chemotherapy and natural products should be assessed by MTT assay to determine the doses that synergize. (Int J Mol Sci. 2021 Dec; 22(23): 12827.)
2. The mechanisms of chemoresistance also have to consider the role of stem cells through: a. Enhanced efflux of chemotherapy. b. Enhanced ALDH activity. c. Bcl-2 protein pro-survival activity. d. DNA damage repair. and e. Activation of some signaling pathways (WNT/ β -catenin, NF- κ B, SHH, notch) (Zhou et al., Oncotarget 2018, 9 (70) 33403-15.)
3. There is a "cross-talk of signaling" between MAPK-PI3K/Akt-Wnt/ β -catenin schematic representation pathways, organized into main signaling modules and inhibitors. (Dong Liao et al., Transl Oncol 2022 Dec 26; 101510.)
4. It would be better to focus on several natural compounds integratively with the backbone of chemotherapy for NSCLC compared with cisplatin only.