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Effects of visible light-irradiated camphorquinone and 9-fluorenone on murine oral mucosa

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Abstract:
The purpose of this study was to evaluate the histopathological effects of camphorquinone (CQ) and 9-fluorenone (9F) with or without visible light (VL) irradiation on the oral mucous membranes of mice. VL irradiation resulted in a higher degree of tissue damage after CQ or 9F application, particularly the latter. Necrosis and apoptosis were responsible for the tissue damage after application of either agent in the presence of VL irradiation.

Key words:
Camphorquinone, Visible light, Cytotoxicity

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