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(54) Title: CYCLOOXYGENASE-2 INHIBITOR/HISTONE DEACETYLASE INHIBITOR COMBINATION

(57) Abstract: The invention relates to a combination which comprises (a) a cyclooxygenase-2 inhibitor ("COX-2 inhibitor") and (b) a histone deacetylase inhibitor ("HDAI") for simultaneous, concurrent, separate or sequential use, especially for use in the treatment of pre-malignant colon lesions or a colon cancer or other malignancies in a mammal, particularly a human. The invention also relates to pharmaceutical compositions comprising such a combination and to a method of treating pre-malignant colon lesions (e.g.polyps)and colon cancer, as well as other malignancies, in a mammal, particularly a human, with such a combination. The present invention further also relates to a commercial package or product comprising such a combination.