

**P58 Screening of Vegetables for Inhibition Activity
on Dopamine β -hydroxylase (DBH) and Monoamine oxidase (MAO)**

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Extracts of 24 edible vegetables were tested concerning their action on *in vitro* inhibition on dopamine β -hydroxylase (DBH) and monoamine oxidase (MAO). All vegetables were purchased in Korean market and their common names were kept. Radish sprouts, 'kkoch-na-mul', 'chong-gyong-chae', ragwort, applemint showed strong DBH inhibitory effect when tyramine and crude bovine adrenal DBH were used as substrate and enzyme, respectively. 'Cham-chwi' (*Aster scaber*), kale, 'cham-na-mul' (*Pimpinella brachycarpa*), leek were found to have MAO-A inhibitory effect with serotonin and crude rat brain MAO-A. Lettuce, 'chong-gyong-chae', radish sprouts, beet leaves were found to have MAO-B inhibitory effect with benzylamine and crude rat liver MAO-B.