

【学会名】

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【タイトル】

The effect of wasabi compounds on allergic diseases

【演者】

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【要旨】

Wasabia japonica is a member of the Brassicaceae family vegetables and generally known as wasabi or Japanese horseradish.

Its rhizome has long and widely been used as a popular pungent in this country.

Wasabi extract and isothiocyanate compounds derived therefrom have been found to have a variety of pharmacological activities,

including appetite-enhancing activity, antibacterial activity, platelet aggregation-inhibitory activity, and anti-carcinogenic activity.

Chemical analyses of these wasabi-derived active isothiocyanates revealed that they are represented by two members,

6-methylsulfinylhexyl isothiocyanate (6-MSITC) and 6-methylthiohexyl isothiocyanate (6-MTITC).

We investigated the effect of wasabi extract and wasabi-derived isothiocyanate compounds on allergic diseases.