UJI EFEKTIFITAS SARI LABU MERAH (Cucurbita moschata Duch. ex Poir) UNTUK MENURUNKAN KADAR KOLESTEROL DALAM DARAH TIKUS PUTIH (Rattus norvegicus) YANG DIBERI DIET TINGGI LEMAK

Oleh: IKA LUSIA AGUSTIN (03330041)
Biology
Dibuat: 2008-09-16, dengan 3 file(s).

Keywords: Sari labu merah (Cucurbita moschata Duch. ex Poir), betasitosterol, kolesterol

Our hobby to eat delicious something be able to make our life unhappy. Consumption of food with high-fat degree excessive will make fat and may increase cholesterol degree in our blood. The excessive cholesterol-degree in our blood will cause gobbet in our artery channel. The result, our blood will be disturbed, and if the disturbed concerning vital organ, so the organ function will be disturbed.

The red squash (Cucurbita moschata Duch. ex Poir) constituted one of food material which common in our life. Many process from red squash (Cucurbita moschata Duch. ex Poir) may be made ourself easily, such as sweet compote made of starchy fruits, taffy made of sticky rice and so on. The contain of betasitosterol in red squash (Cucurbita moschata Duch. ex Poir) may constrain fat absorbtion from intestine wall.

The goal of this study is to know effectiveness of red squash concentrate (Cucurbita moschata Duch. ex Poir) to decrese cholesterol degree to mice which be given fat-high diet and to know which effective doses. The parameter to be measured total cholesterol, HDL degree, trigliserida degree, and LDL degree.

This study is entered true-experiment that observed causal correlation by putting one or more of treatment condition. The study population are white rats, the total of samples are 27 tails which be grouped in 9 treatment by 3 times repeated. The training planning use complete random program.

Based on the analysis result of variance is known that giving of red squash concentration (Cucurbita moschata Duch. ex Poir) give significant influence to decrease total cholesterol degree, trigliserida degree, LDL degree along with increasing HDL degree. This influence is shown by Ftest > F table. And the the doses of red squash (Cucurbita moschata Duch. ex Poir) concentration to decrease cholesterol degree in the blood is 130 gr (40 ml).