

# PENGARUH PEMBERIAN TEH ROSELLA (*Hibiscus sabdariffa*) TERHADAP PENURUNAN KADAR KOLESTEROL DALAM DARAH TIKUS PUTIH (*Rattus norvegicus*)

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Cholesterol represent one of very fat component needing by our body. But cholesterol in high concentration can cause the happening of aterosklerosis which finally will affect heart sickness of coroner. Situation of abundant cholesterol referred with hiperkolesterolemia. One of medication of alternative which do not generate side effects by exploiting crop of rosella (*Hibiscus sabdariffa*). crop of Rosella have many benefit, one of them to degrade cholesterol rate in blood because crop of rosella have very high fibre content.

This research aim to to know influence of giving of tea of rosella in degrading white mouse blood cholesterol rate (*Rattus norvegicus*). This research use animal test white mouse [of] male counted 28 divided tail become 7 group which is each consisting of 4 mouse tail. Group of I (normal control), group of II (hiperlipidemia), group of III (hiperlipidemia + tea of rosella 65%), group of IV ( hiperlipidemia + tea of rosella 70%), group of V (hiperlipidemia + tea of rosella 75%), group of VI ( hiperlipidemia + tea of rosella 80%), group of VII (hiperlipidemia + tea of rosella 85%). tea of Rosella given by oral every day during 10 day. Parameter the measured total cholesterol rate white mouse, trigliserida, HDL and of LDL.

From result of research can be concluded that tea of rosella can degrade blood cholesterol rate white mouse and effective concentration to degrade cholesterol rate in blood that is tea of rosella with concentration 85%.