THE EFFECT OF EXTRACT SALAM LEAVES SUPPLY (*Eugenia polyantha*) TOWARD MOUNT OF LAND LANGERHANS CELLS OF HYPERGLIKEMIA WHITE RAT (*Rattus norvegicus*)

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ABSTRACT

Extrack salam leaves (*Eugenia polyantha*) is used to treatment of diabetes melitus, this research to obtained mount of lands langerhans cell of white rat. Sample has taken pancreas and than made hystopatology sample was used of 30 white rat and devided 6 group, each group five white rat. Positif controle was given alloxan and then was treatment by glibenclamid, negative controle was given by wast used CMC 0,5% and PO only given alloxsan. Positive controle alloksan and treatmented by glibenclamid, controle negative used CMC 0,5%, P1 with dose extrack leaves salam 114,5 mg/kg bb, P2 with extrack salam leaves 252 mg /kg bb and P3 with extrack salam leaves 314,87 mg /kg bb. The reseach was analyzed by anova and was continued by BNJ test. The result showed that extract salam leaves could improved mount of land langerhans cell on white rat with significany (P< 0,05)

*Keywords:* Extrack salam leaves, Alloxsan, Glibenclamid