

ABSTRACT

Ria Sintawati Kosasih, (2016). “Differences In Student Learning Outcomes Using *Discovery Learning* Model and Lecture Method on Biodiversity Material”

This research is motivated by the low of student learning outcomes on biology. The research aim to get information about the difference of outcomes learning the application of *Discovery Learning* model and lecture method on biodiversity material. Method of this study is quasi experiment with *pretest-posttest control group design*. Population of the study is student of SMA Negeri 2 Padalarang highschool with two class sample, X MIPA 2 as the control class with given lecture method and X MIPA 3 as experimental class with given *Discovery Learning* model. The instrument of research is multiple choice consisting of 20 question the has been tested of validity, reliability, distinctive and index difficulty. The data obtained was the quantitative data from the result of pretest and posttest wich have been analyzed using normality test, homogeneity test and hypothesis test. The result showed that the learning outcomes from student who given *Discovery Learning* model as better than student who given lecture method.

Keyword : *Discovery Learning* Model, Learning Outcomes, Biodiversity