

## **ABSTRACT**

*NIDIA MAOLIDA. 2022. The Effect of Stop Motion Video on Learning Motivation and Student Learning Outcomes in the Concept of the Circulatory System (Experimental Study in Class XI MIPA SMA Negeri 1 Jatiwaras Tasikmalaya Academic Year 2019/2020. Thesis. Department of Biology Education. Faculty of Teacher Training and Education. Siliwangi University. Tasikmalaya.*

---

*This research is an experimental research that aims to determine the effect of stop motion video media on learning motivation and student learning outcomes on the concept of the circulatory system. This research was carried out using the true experiment design research method, the population of all students in class XI MIPA SMA Negeri 1 Jatiwaras Tasikmalaya consisted of 4 classes with a total of 138 students and the sample used was 2 classes taken by cluster random sampling, namely class XI MIPA 1 and class XI MIPA 3 each consists of 36 students. The research instrument was in the form of a learning motivation questionnaire consisting of 36 validated statements and a test of learning outcomes on the concept of the circulatory system, totaling 30 items in the form of multiple choice questions. The research design used in this study was a posttest-only control design. Before testing the hypothesis, a normality test and a linearity test were carried out as analysis prerequisite tests. Hypothesis testing using the ANCOVA test was assisted by using SPSS version 23 software. The results of the research, processing, and data analysis showed that there was an effect of using stop motion videos on students' motivation and learning outcomes in the concept of the circulatory system in class XI MIPA SMA Negeri 1 Jatiwaras Tasikmalaya*

**Keywords:** *stop motion; motivation and learning*