

ABSTRACT

KARINA BIAN TARI UTAMI, 2026. “*The Influence of Using Edpuzzle Media Digital Literacy and Self Regulated Learning (SRL) on Students' in Cell Bioprocess Material (An Experimental Study in Class XI of SMA Negeri 1 Tasikmalaya Academic Year 2025/2026)*” Thesis. Biology Education Department. Faculty of Educational Sciences and Teachers' Training. Siliwangi University.

This research aims to determine the influence of using Edpuzzle media Digital Literacy and Self Regulated Learning (SRL) on students' in Cell Bioprocess material (An Experimental Study in Class XI of SMA Negeri 1 Tasikmalaya Academic Year 2025/2026). This study was conducted from November to March 2026. The method used quasi experiment. The population in this study consisted of all students in class XI MIPA at SMAN 1 Tasikmalaya, totaling eight classes with 288 students. The research sample included 37 students in class XI 1 as the experimental class and 36 students in class XI 4 as the control class. Samples were selected using a purposive sampling technique. The instruments used in this research were an essay test for digital literacy and a non test instrument in the form of a SRL questionnaire. The test consisted of 7 essay questions for digital literacy and a questionnaire with 20 statements for self-regulated learning. The data analysis technique used was ANCOVA with a significance level of $\alpha = 0.05$. Based on the results of data analysis and hypothesis testing, it was shown that the significance value for digital literacy was less than 0.05, specifically 0.003, and the significance value for self-regulated learning was less than 0.05, specifically 0.008. Thus, it can be concluded that there is a significant influence of using Edpuzzle media on students' Digital Literacy and SRL in Cell Bioprocess material in Class XI of SMA Negeri 1 Tasikmalaya for the 2025/2026.

Keywords: Edpuzzle Media, Digital Literacy, Self Regulated Learning (SRL), Cell Bioprocess.