ABSTRACT

Bella, N. K. S. *Systematic Literature Review (SLR) Trends of Blended Learning in Biology Learning. THESIS. Biology Education Study Program, Faculty of Teacher Training and Education, Mahasaraswati University Denpasar. Advisors:* 1) Ni Wayan Ekayanti, S.Pd,. M.Pd. 2) Ida Bagus Ari Arjaya, S. Pd,. M.Pd.

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Systematic literature review (SLR) of blended learning trends in biology learning, this research is a literature review research that aims to determine blended learning trends in biology learning by analyzing journals, articles and proceedings that examine blended learning in biology learning, the variables studied, the methods used, and the results of the research. Data collection techniques were carried out by searching the portals Springer, SINTA, Iop Science, and Google Scholar, by entering the keyword "blended learning in biology education". The search results obtained a total of 328 articles which were then selected based on predetermined inclusion and exclusion criteria; 25 articles passed the selection and will be tabulated. The results of the tabulation show that blended learning in biology learning is most studied in the Scopus indexed journal "Journal of Physics" (Q4), namely 6 articles; the most studied variable in the article is the independent variable collaboration between the blended learning model and other learning models while the most studied dependent variable is increased ability or knowledge; the most widely used methodology in research is quasi-experiments; and the research results from the article conclude that blended learning improves students' abilities, student responses to learning, learning effectiveness, factual, conceptual and metacognitive motivation, even research results.