# ABSTRAK

**Regina Kristin Manalu, NIM 4193141014 (2023), Pengaruh Model Pembelajaran Kooperatif tipe *Picture and Picture* Pada Materi Sistem Reproduksi Manusia Terhadap Hasil Belajar dan Aktivitas Siswa Kelas XI IPA SMA Santo Yoseph Medan T.P 2022/2023.**

Penelitian ini bertujuan untuk mengetahui Pengaruh Model Pembelajaran Kooperatif tipe *Picture and Picture* terhadap hasil belajar dan aktivitas siswa SMA Santo Yoseph Medan pada materi sistem reproduksi manusia. Penelitian ini dilakukan dengan penelitian kuantitatif. Jenis penelitian kuantitatif yang akan digunakan ialah quasi eksperimen dengan *pretest-posttest control group design*. Pemilihan sampel dilakukan secara Total Sampling yaitu seluruh kelas XI IPA, setiap kelasnya berjumlah 34 siswa. Hasil penelitian ini menunjukkan bahwa nilai rata-rata posttest kelas eksperimen 84,85 lebih tinggi dari nilai rata-rata posttest kelas kontrol 79,55. Nilai rata-rata aktivitas siswa kelas eksperimen 86,1 lebih tinggi dari nilai rata-rata postest kelas kontrol 77,7. Adanya pengaruh model pembelajaran kooperatif tipe *picture and picture* terhadap hasil belajar dan aktivitas siswa terbukti melalui pengujian hipotesis dengan menggunakan uji-t dan taraf kepercayaan $\alpha = 0,05$. Pada hasil belajar $t_{hitung} > t_{tabel}$ (3,269 > 1.668), yang berarti $H_a$ diterima dan $H_0$ ditolak artinya ada pengaruh model pembelajaran kooperatif tipe *picture and picture* terhadap hasil belajar. Pada aktivitas belajar $t_{hitung} > t_{tabel}$ (12,856 > 1,668), yang berarti $H_a$ diterima dan $H_0$ ditolak artinya ada pengaruh model pembelajaran kooperatif tipe *picture and picture* terhadap aktivitas belajar siswa.

Kata Kunci: Hasil Belajar, Aktivitas Belajar Siswa, Pembelajaran kooperatif tipe *picture and picture,* Sistem Reproduksi Manusia

# ABSTRACT

**Regina Kristin Manalu, NIM 4193141014 (2023), The Influence of the Picture and Picture Cooperative Learning Model in Human Reproductive System Material on Learning Outcomes and Activities of Class XI IPA SMA Santo Yoseph Medan T.P 2022/2023.**

This study aims to determine the effect of the Picture and Picture Cooperative Learning Model on the learning outcomes and activities of SMA Santo Yoseph Medan students on the material of the human reproductive system. This research was conducted with quantitative research. The type of quantitative research that will be used is a quasi-experimental with a pretest-posttest control group design. Sample selection was carried out by Total Sampling, namely all XI IPA classes, each class consisting of 34 students. The results of this study indicate that the posttest average score of the experimental class is 84.85 higher than the posttest average value of the control class is 79.55. The average value of student activity in the experimental class was 86.18, higher than the posttest average value of the control class, 77.78. The influence of the picture and picture type of cooperative learning model on learning outcomes and student activities is proven through hypothesis testing using the t-test and a confidence level of $\alpha = 0.05$. In the learning outcomes $t_{count} > t_{table}$ (3.269 > 1.668), which means that $H_a$ is accepted and $H_a$ is rejected, meaning that there is an influence of the picture and picture cooperative learning model on learning outcomes. In learning activities $t_{count} > t_{table}$ (12.856 > 1.668), which means that $H_a$ is accepted and $H_0$ is rejected, meaning that there is an influence of the picture and picture cooperative learning model on student learning activities.

Keywords: Learning Outcomes, Student Learning Activities, Picture and Picture cooperative learning, Human Reproductive System