

**IDENTIFICATION OF FACTORS CAUSES STUDENTS'
MISCONCEPTIONS ON CELL TOPIC IN GRADE XI
SMA RAKSANA MEDAN**

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ABSTRACT

This study's purpose was to identify the student's concept, the dominant learning resource that affect student's misconception and the factor which cause misconception in grade XI on cell topic. This research type was descriptive. Population in this research was whole student in grade XI IPA SMA Raksana Medan. The samples were 78 students in grade XI. The sampling technique was total sampling. The data was gotten by using multiple choice test with modification of Certainty of Response Index (CRI). Student's interview was used to identify the misconception's factors in student. Students had misconception's in cell topic. The highest percentage of misconception was 40.49% in organelles and function of the cell's topic. The lowest percentage of misconception was 0.75% in animal cell's topic. From interview test, students have misconception because they got an information from the trusted literature. Book was the dominant factor that affect student's misconception in grade XI SMA Raksana Medan.

Keywords: Misconceptions, Students' Misconception, Cell, Teacher, Books, Environment