

**IMPROVEMENT OF STUDENT LEARNING ACTIVITY AND LEARNING
OUTCOMES BY USING PROBLEM-BASED LEARNING MODEL
ON HUMAN REPRODUCTIVE SYSTEM TOPIC IN
GRADE XI IPA 4 AT SMAN 2 SOPOSURUNG
BALIGE ACADEMIC YEARS 2015/2016**

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Biology Bilingual Education Study Program



THESIS

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**FACULTY OF MATHEMATICS AND NATURAL SCIENCE
STATE UNIVERSITY OF MEDAN**

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