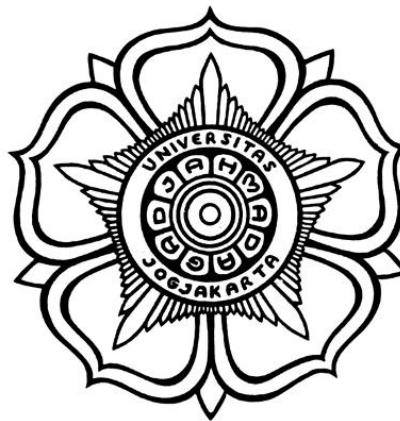


**THE IMPACT OF VITAMIN D SUPPLEMENTATION ON Bcl-2 AND
SOD1 mRNA EXPRESSION IN THE HIPPOCAMPUS OF TRANSIENT
GLOBAL BRAIN ISCHEMIC INJURY MODEL IN RAT**

Graduating Paper

Submitted to the Board of Examiners as Partial Fulfillment of the Requirement
of Medical Degree in Faculty of Medicine, Public Health, and Nursing

Universitas Gadjah Mada



By:

HILMA RAHMI CANDRASARI

20/454503/KU/22005

**INTERNATIONAL UNDERGRADUATE PROGRAM
FACULTY OF MEDICINE, PUBLIC HEALTH, AND NURSING
UNIVERSITAS GADJAH MADA
YOGYAKARTA**

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RATIFICATION PAGE

THESIS

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Submitted by:

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Had been examined and approved on December 6th, 2023.

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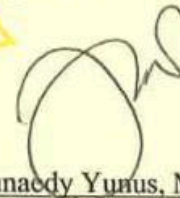
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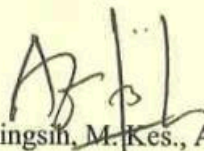
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