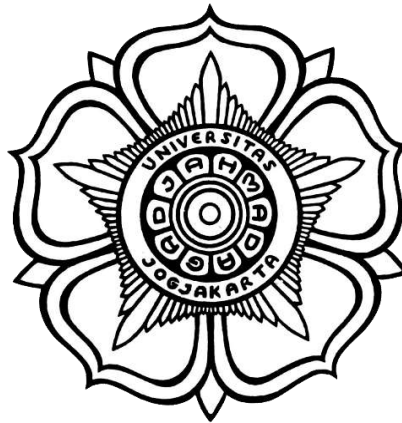


**THE EFFECT OF VITAMIN D TREATMENT ON HIPPOCAMPAL
mRNA EXPRESSION OF CD31 AND LUMEN AREA IN RATS WITH
TRANSIENT GLOBAL BRAIN ISCHEMIC INJURY**

Graduating Paper

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

Universitas Gadjah Mada



By:

TIFFANY TARUNASASTRA

20/457735/KU/22321

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

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RATIFICATION PAGE

THESIS

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To Partially Fulfil the Requirements for

Obtaining a Bachelor of Medicine Degree

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Submitted by:

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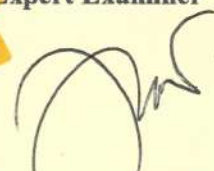
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