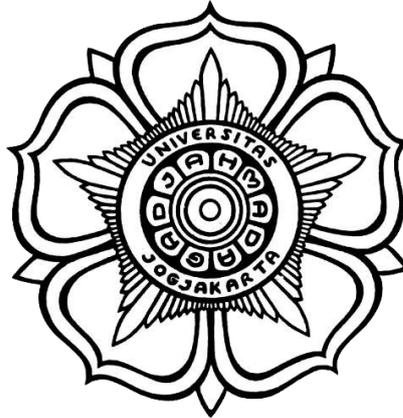


**THE EFFECT OF VITAMIN D TREATMENT ON HIPPOCAMPAL
mRNA EXPRESSION OF CD31 AND LUMEN AREA IN RATS WITH
TRANSIENT GLOBAL BRAIN ISCHEMIC INJURY**

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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Submitted by:

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Thesis Examiner Team,

Material Advisor

Methodology Advisor

Expert Examiner



dr. Nur Arfian, Ph.D.

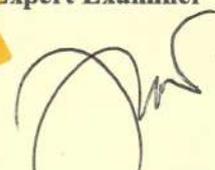
NIP. 198205182015041001



dr. Eryna Ayu Nugra Desita,

M.Biomed

NIP. 11199212202001201



dr. Junaedy Yustus, M.Sc.,

Ph.D.

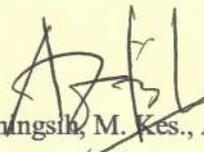
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Acknowledged,

Head of the Medical Study Program

Faculty of Medicine, Public Health, and Nursing

Universitas Gadjah Mada



Dr. dr. Denny Agustiningsih, M. Kes., AIFM., AIFO-K

NIP: 196908221996012001