

**THE COMBINATION OF *Coccinia grandis* (L.) Voigt LEAF
EXTRACT AND *Blumea balsamifera* (L.) DC. LEAF EXTRACT
AS AN ANTIOXIDANT AND ANTIDIABETIC AGENT: *IN
VITRO AND IN VIVO STUDIES***

DISSERTATION

**In fulfilment of the requirements
for the degree of Doctor (Dr.) in Pharmacy**



Submitted by:

**I Made Wisnu Adhi Putra
19/450178/SFA/00186**

To:

**POSTGRADUATE PROGRAM
DOCTORAL PROGRAM OF PHARMACEUTICAL SCIENCES
FACULTY OF PHARMACY
UNIVERSITAS GADJAH MADA
YOGYAKARTA
2023**



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prepared and submitted by

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has been defended in front of the examiner committee on August 2nd, 2023

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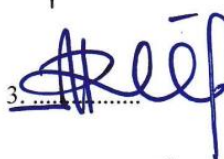


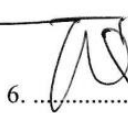
Member:

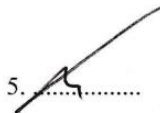
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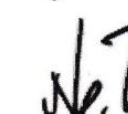
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