**COVER LETTER**

March 8th, 2022

**Address to the Chief of Editor:**

Prof. dr. Sultana MH Faradz, PhD

Editorial Office of Journal of Biomedicine and Translational Research

Faculty of Medicine, Diponegoro University

Dear Prof. dr. Sultana MH Faradz, PhD,

We wish to submit an original article entitled “THE EFFECT OF DURATION OF ADMINISTRATION AND DISCONTINUATION OF FLUOROMETHOLONE EYE DROPS ON THE THICKNESS OF THE TRABECULAR MESHWORK EXTRACELLULAR MATRIX” in the the Journal of Biomedicine and Translational Research Faculty of Medicine Diponegoro. We declare that this work is original and has not been published before, nor is it currently under consideration for publication elsewhere.

This study informs the administration of fluorometholone eye drops, especially to prevent IOP elevating due to fluorometholone eye drops which can lead to steroid-induced glaucoma. This study is an experimental study with a posttest-only control group design, that analyzes the effect of duration of administration and discontinuation of fluorometholone eye drops on the thickness of the trabecular meshwork (TM) extracellular matrix (EM) of Wistar rats. We found that the thickness of the TM ECM was thicker in experimental rats with a longer duration of administration of fluorometholone eye drops. This study is expected to be the basis for determining the duration of safe use of fluorometholone eye drops in daily clinical practice.

The authors have no conflict of interest to declare and no significant support that could have influence its outcome. All authors have approved the manuscript and agree with submission to the Journal of Biomedicine and Translational Research Faculty of Medicine Diponegoro University.

Sincerely,

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