

## Cover Letter

October 9, 2020

The Editor-in-Chief of Journal of the Medical Sciences

Faculty of Medicine, Public Health and Nursing, Universitas Gadjah Mada

Email: jmedscie@ugm.ac.id

Dear Editor-in-Chief of Journal of the Medical Sciences,

I am writing to submit our manuscript entitled “Pruritus in Diabetes Mellitus and Its Pathophysiology-based Treatment” for consideration as a Journal of the Medical Sciences review article. The authors of the document are:

1. dr. Veronica (Department of Dermatology and Venereology, School of Medicine and Health Sciences, Atma Jaya Catholic University, Jakarta, Indonesia).
2. Dr. dr. Lorettha Wijaya, Sp.KK (Department of Dermatology and Venereology, School of Medicine and Health Sciences, Atma Jaya Catholic University, Jakarta, Indonesia).

We explore diabetic pruritus's pathophysiology and found that skin barrier disruption, sudomotor abnormality, autonomic neuropathy, oxidative stress, uremic toxin, decreased expression of cannabinoid receptor, and side effect of antidiabetic drugs are involved in the diabetic pruritus mechanism. Based on these mechanisms, we review some therapeutic options that are potentially useful in relieving diabetic pruritus.

Pruritus is the most common non-infectious and aggravating skin disorder in diabetic patients. Its management is still unsatisfying, so we believe that our review article will appeal and beneficial to the Journal of the Medical Sciences subscribers. They will be able to understand the pathogenesis of diabetic pruritus better and develop more effective therapies. Our review will also open ideas for further research in diabetic pruritus therapy.

Should you select our manuscript for peer review, we would like to suggest the following potential reviewers because they would have the requisite background to evaluate our findings and interpretations objectively.

1. Dr. dr. Jimmy Barus, Sp.S (Assistant Professor of Neurology, Department of Neurology, School of Medicine and Health Sciences, Atma Jaya Catholic University, Jakarta, Indonesia).

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This work has not been published and will not be under consideration for publication elsewhere until your editors reach their decision on publication of this manuscript. If you require any additional information regarding our document, please do not hesitate to contact us directly via the resources below. Thank you for your time and consideration.

Sincerely,



Lorettha Wijaya

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