*To:*
Prof. dr. Achmad Zulfa Juniarto, M.Si.Med., Sp.And (K).,M.M.R., Ph.D.

The Editor-in-Chief
**Journal of Biomedicine and Translational Research**

*Subject: Submission of Manuscript for Consideration in JBTR*

Dear Editor-in-Chief,

We are pleased to submit our original research article entitled **“Association Between Intake of SFA, MUFA, And PUFA with Bifidobacterium Abundance in Obese Adults Without Metabolic Syndrome”** for consideration for publication in the *Journal of Biomedicine and Translational Research*.

This study investigates the relationship between different types of dietary fats—saturated fatty acids (SFA), monounsaturated fatty acids (MUFA), and polyunsaturated fatty acids (PUFA)—and the absolute abundance of *Bifidobacterium* in metabolically healthy obese adults. Our findings reveal that high intake of saturated fat is linked to reduced *Bifidobacterium* levels, while PUFA shows a mild positive association. MUFA intake, on the other hand, did not demonstrate a clear impact. These insights underscore the importance of fat quality in shaping gut microbial composition, even in the absence of metabolic disorders.

To our knowledge, this is one of the few studies in Indonesia that combines dietary fat intake profiling with absolute quantification of *Bifidobacterium* using qPCR in a specific metabolic phenotype. The findings may have implications for early preventive strategies targeting gut health and metabolic resilience.

This manuscript is original, has not been published elsewhere, and is not under consideration by any other publication. All authors have read and approved the final manuscript, and there are no conflicts of interest to declare. Ethical approval was obtained from the Ethics Committee of the Faculty of Medicine, Universitas Diponegoro (Approval No. 457/EC/KEPK/FK-UNDIP/VIII/2024).

We believe this manuscript fits well within the scope of your journal and will be of interest to your readership in the fields of microbiome research, nutrition, and metabolic health.

Thank you for your consideration. We look forward to the opportunity to contribute to your esteemed journal.

Sincerely,
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