Review of: "The Rural-Urban Divide: Insights from Immuno-Genetic Profiles and Implications for Health"

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Potential competing interests: No potential competing interests to declare.

Title, abstract. The title and abstract do not cover the focus of the work, and the paper does not contain information on the correlation of immuno-genetic profiles, as the title of the paper indicates.

Introduction. The introduction provides background and information related to the issue of the study with references to published data, which (with the exception of the two works cited) is mostly older data.

Material and Methods. The paper does not specify the exact identification of the document approved by the Ethics Commission for the implementation of the project. The authors do not explain what criteria were used to select the analyzed files. Descriptive characteristics of the individuals in the analyzed files are missing.

Results. The results of the work include analyses of numerous small files (n=157,n=44), in which the use of statistical analysis methods is debatable. The normal values of variability within the compared populations are questionable; are they taken into account in practice? The names of Tables 1 and Table 2 are not correct. The results of the research on genetic profiles were analyzed on the basis of extremely small sets (n=21, n=29), and the results of statistical analysis correlations are missing.

Discussion: Authors use non-specialist terms in the discussion of the results of the study; the discussion requires professional language proofreading. The discussion lacks an adequate comparison with the published results of recent years.

Conclusion. The article lacks any conclusion resulting from the conducted study.

Recommendations to the Editor. The article must be revised and corrected; the article can be published after the implementation of major modifications and additions.