

Peer Review

Review of: "Development of a Type 2 Diabetes Mellitus Model in Rats with Administration of High-Fat Diet and Streptozotocin"

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The flow of ideas is hindered, particularly in the Introduction and Discussion sections (pages 2–3, 6–7), due to lengthy paragraphs that cover multiple concepts without clear transitions, affecting readability and thematic focus. Paragraphs need clearer boundaries and transitions.

Relying solely on Table 1 limits visual clarity; using bar charts or line graphs for key indicators like fasting glucose, cholesterol, and HbA1c would enhance understanding. While $p < 0.05$ indicates significance, details of statistical tests (e.g., one-way ANOVA, post hoc tests) are missing, which is vital for reproducibility.

The Results section mainly repeats Table 1 data, lacking thorough analysis or highlighting of important trends. Adding data interpretation to the narrative would improve comprehension.

Declarations

Potential competing interests: No potential competing interests to declare.