

Peer Review

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

Mizatun Hazizul Hasan¹

1. Universiti Teknologi Mara, Malaysia

The study has shown novelty with the establishment of a diabetic rat model. The research objectives were clear, specific, and measurable. The methodology used was aligned to meet the research objectives. The findings were described accurately; however, the discussion should be tightened with comparisons to other models, highlighting the advantages and disadvantages. Examples of models using different doses of STZ or the model that used STZ and nicotinamide, etc. It would be great to have a possible mechanism of action in the illustration to summarise the effect of HFD and STZ on the induction of DM.

Declarations

Potential competing interests: No potential competing interests to declare.