**Submission of Revised Manuscript – “Effect of MSCs on Vascular Endothelial Growth Factor** (**VEGF), C-Reactive Protein** (**CRP), Tumor Necrosis Factor-Alpha(TNF-α), Triglyceride, Pancreatic Beta Cells And Insulin Resistance in Obese Type 2 Diabetic Rat Model”**

**Dear Editorial Team**

On behalf of my co-authors, I would like to express our sincere gratitude for the opportunity to revise and resubmit our manuscript entitled, **–** “Effect of MSCs on Vascular Endothelial Growth Factor (VEGF), C-Reactive Protein (CRP), Tumor Necrosis Factor-Alpha(TNF-α), Triglyceride, Pancreatic Beta Cells And Insulin Resistance in Obese Type 2 Diabetic Rat Model”. We thank you and the reviewers for the insightful and constructive comments that have significantly improved the quality of our work.

In accordance with your detailed editorial instructions (including those marked in yellow, blue, red, and green), we have thoroughly revised the manuscript. All comments and required formatting changes have been addressed, including:

* The affiliations should be mark with consequrive numer in superscript
* Postal address of the institution and phone number
* Author Information Orchid ID
* Using appropriate MeSH keywords in alphabetical order, excluding words from the title;
* Formatting references per Medicinski Glasnik guidelines.
* Figure 1 mark
* \*P-value sign in Figure 5

All editorial corrections are retained in color as instructed: editorial corrections in red, author revisions in green, and comments in blue. We have not used Track Changes in compliance with your request.

We hope that the revised manuscript meets the journal’s standards and is now suitable for publication. Thank you again for your time, consideration, and support.

Sincerely,
Vito Mahendra Saputra
On behalf of all authors
r.vito@unissula.ac.id

**Editor V3**

**Comment:**
*“The affiliations should be marked with consecutive numbers in superscript, from 1, 2, …check my corrections!”*

**Response:**
Thank you for your observation. We have revised the author list and institutional affiliations by assigning superscript numbers consecutively (1, 2, 3, etc.) in accordance with the journal's formatting requirements. We have carefully cross-checked and matched each author to the correct affiliation number based on your corrections.

**Location:** Title Page, Affiliate section, Line 12-16

**Comment:**
*“Postal address of the institution” and phone number*

**Response:**
Thank you for your note. We have revised the corresponding author’s section to include the full and correct postal address of the institution:
Department of Surgery, Sultan Agung Islamic University, Kaligawe Raya Street, 4th Kilometer, Semarang 50112, Central Java, Indonesia.

**Location:** Title Page, Corresponding Author Section Lines 25-26

**Comment:**
“ORCID ID”

**Response:**
Thank you for your remark. We have ensured that the corresponding author’s ORCID ID is clearly included and properly formatted as per the journal's requirement:
[**https://orcid.org/0000-0001-6519-0384**](https://orcid.org/0000-0001-6519-0384)

**Location:** Title Page, Corresponding Author Section, Line 30

**Comment:**
*“do not use the words which are contained in the article title!”*

**Response:**
Thank you for the guidance. We have revised the keywords using appropriate **Medical Subject Headings (MeSH)** and ensured that none of the selected keywords duplicate any words used in the article title. The updated keywords are now listed in alphabetical order as required.

**Location:** Title Page, Keywords Section

**Comment:**
*“from transient surgical?? Intervenion?”*

**Response:**
Thank you for your attention to clarity. We have revised the sentence to correct the typographical error and improve its readability. The updated sentence now reads:
“…allowing for clearer differentiation of the treatment effects from those attributable to transient surgical intervention.”
This change ensures accurate terminology and grammatical structure.

**Location:** Methods Section, Line 195

**Comment:**
“ARE NOT CITED ACCORDING TO INSTRUCTIONS TO AUTHORS FOR MEDICINSKI GLASNIK – please make corrections! See my corrections for ref. 1–5 and at: ([*http://www.nlm.nih.gov/mesh/meshhome.html)”*](http://www.nlm.nih.gov/mesh/meshhome.html%29%E2%80%9D)

**Response:**
Thank you for your important comment. We have thoroughly revised all references, including references 1–5, to fully comply with the citation and formatting style required by Medicinski Glasnik. We have carefully followed the examples provided in the journal's guidelines and ensured consistency across all entries.

**Location:** References Section (Line 378 - 449)

**Comment:**
*“Use the letter without black background A, B, C, D”*

**Response:**
Thank you for your suggestion. We have revised the figure panels to display the labels A, B, C, D without any black background, ensuring uniform style and better visual clarity as per the journal's guidelines.

**Location:** Figure 1 panels and legend

**Comment:**
\*“You have only used \*\* inside of the figure! Remove it! Instead, use \* and in the legend *<0.01”*

**Response:**
Thank you for the clarification. We have removed all instances of "\*\*" inside the figures and replaced them with a single asterisk "\*". Additionally, the figure legends have been updated to include the correct notation: \*p < 0.01.

**Location:** Figure 5, Line 481