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| Book Name: | [Disease and Health: Research Developments](https://www.bookpi.org/bookstore/product/disease-and-health-research-developments-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_3915** |
| Title of the Manuscript: | **Influence of BMI on Serum Adiponectin, Resistine, and FBG among Overweight and Obese Females Diabetic Patient Type2** |
| Type of the Article | **Book chapter** |

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| PART 1: Comments | | |
|  | Reviewer’s comment | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | This manuscript discusses the relationships between BMI, adipocytokines (adiponectin and resistin), and fasting blood glucose (FBG) in Sudanese females with Type 2 Diabetes Mellitus (T2DM). The study fills an important gap by offering a unique population in an exploratory study of metabolic outcomes in obesity-based diabetes. This will allow planning future research in diabetes-related complications. However, it is suggested that improvement be made in the presentation, methodology, and clarity of the paper. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | The title is generally appropriate but can be improved for clarity and I would Suggest this title: Impact of BMI on Serum Adiponectin, Resistin, and FBG in Overweight and Obese Females with Type 2 Diabetes. |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | The abstract does a good job of summarizing the study, however it might need some minor reorganization to make it flow better.  Suggestions:  Describe the importance of researching this population in order to make the goal more clear. For each parameter (FBG, adiponectin, and resistin), provide a sentence that highlights the most important findings. Give a brief explanation of the methodology, including the ELISA techniques and the cross-sectional design. |  |
| **Is the manuscript scientifically, correct? Please write here.** | Yes, the manuscript appears scientifically feasible and is supported by solid statistical analysis. However, the methodology should include some justifications for selected assays and controls. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | Although the sources are pertinent, they might contain more recent research on adipokines in obesity and type 2 diabetes (within the last five years).  Additional references are suggested:  Studies on the function of adiponectin in the metabolism of glucose (2020–2024). research between diabetic inflammation with resistin. |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes but it should correct minor grammatical faults and enhance sentence structure, the language needs to be moderately revised. Throughout, key words like "adiponectin" and "resistin" should be utilized consistently. |  |
| Optional/General comments | I would be better to include visual enhancements for figures and tables, such as clear axis labels and legends.  I would recommend to provide a stronger discussion on how the findings align with or contradict existing literature.  Focus on and highlight potential clinical implications of the findings in the conclusion. |  |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s comment *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*** |
| **Are there ethical issues in this manuscript?** | ***(If yes, Kindly please write down the ethical issues here in details)*** |  |

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| **Reviewer Details:** | |
| Name: | **Abdulrazak Mohamed Ahmed** |
| Department, University & Country | **Abra University, Somalia** |