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| Book Name: | [**Medical Science: Trends and Innovations**](https://www.bookpi.org/bookstore/product/medical-science-trends-and-innovations-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4913** |
| Title of the Manuscript:  | **Analysis of the interaction between transcription factor 7-like 2 genetic variants with nopal and wholegrain fibre intake: effects on anthropometric and metabolic characteristics in type 2 diabetes patients** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**British Journal of Nutrition, 116(6): 969 - 978, 2016.**

**DOI:** [**https://doi.org/10.1017/S0007114516002798**](https://doi.org/10.1017/S0007114516002798)

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| PART 1: Comments |
|  | Reviewer’s comment**Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | 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 study highlights the influence of **TCF7L2 genetic variants** on the metabolic and anthropometric response to **nopal and wholegrain fibre intake** in **type 2 diabetes patients**, providing insights into **personalized dietary interventions** for better diabetes management. |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **Yes**  |  |
| 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. | Your abstract is well-structured but could be more concise and precise. Here are my key suggestions:1. **Clarify Objective:** Explicitly state that the study evaluates the impact of TCF7L2 variants on metabolic responses to dietary fiber.
2. **Simplify Statistical Findings:** Clearly mention that no significant genotype-diet interaction was found but wild-type carriers responded better.
3. **Improve Clarity:** Minor grammatical refinements (e.g., "Patients carrying of the rs7903146CC" → "Patients carrying the rs7903146CC genotype").
4. **Clinical Implication:** Briefly suggest that nopal tortilla may be beneficial for weight and metabolic control in T2DM patients.
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| **Is the manuscript scientifically, correct? Please write here.**  | **Yes its correct** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **Yes**  |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes suitable |  |
| Optional/General comments |  |  |

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| **PART 2:**  |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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 detail)* |  |

**Reviewers:**

**Jagroop Singh, Government Medical College Amritsar, India**