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| Journal Name: | [**International Journal of Biochemistry Research & Review**](https://journalijbcrr.com/index.php/IJBCRR) |
| Manuscript Number: | **Ms\_IJBCRR\_137971** |
| Title of the Manuscript: | **Genetic investigation of osteoporosis genes in postmenopausal and association of vitamin D receptor gene TaqIrs (731236) with type 2 diabetes** |
| Type of the Article |  |

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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** (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.** | **Genetics has an important role in diseases, particularly complex multifactorial diseases. The role of genes is currently being investigated molecularly. This work contributes to early diagnosis and prognosis.** | Thank you for stating the contribution of the manuscript. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | OK, but my suggestion is “Genetic Investigation of Osteoporosis in Postmenopausal Women with a Focus on Vitamin D Receptor Gene TaqI (rs731236) Polymorphism and Its Possible Link to Type 2 Diabetes” add type of study. | Thank you for the suggestion. |
| 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. | **Not structured, should be in simple language with great flow.** | The suggestion has been noted. |
| **Is the manuscript scientifically, correct? Please write here.** | Yes, methodology is very crucial in cross-sectional and case-control studies. Matching, bias, and other factors should explain | The suggestion has been noted. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Ya but add dog to every reference, if not url | Noted |
| Is the language/English quality of the article suitable for scholarly communications? | Should have good flow, NICE study | Noted |
| Optional/General comments | **Keywords should be MeSH keywords, in alphabetical order.**  **Sample size calculation, incidence of type 2 diabetes, confounders should be mentioned.**  **Add limitations.**  **Discuss additional research.**  **Study uniqueness, better mention.** | The suggestions for improvement have been noted. |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s Feedback** (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)* |  |