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| Book Name: | [Medical Science: Recent Advances and Applications](https://bookstore.bookpi.org/product/medical-science-recent-advances-and-applications-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5230** |
| Title of the Manuscript:  | **Subclinical Hypothyroidism in obesity: Review of Molecular evidence for impaired thyroid hormone receptor affinity from animal studies** |
| 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.**

**African Journal of Internal Medicine, Vol. 10 (1), pp. 001-004, October, 2024**

**Available:** [**https://www.internationalscholarsjournals.com/articles/subclinical-hypothyroidism-in-obesity-review-of-molecular-evidence-for-impaired-thyroid-hormone-receptor-affinity-from-a.pdf**](https://www.internationalscholarsjournals.com/articles/subclinical-hypothyroidism-in-obesity-review-of-molecular-evidence-for-impaired-thyroid-hormone-receptor-affinity-from-a.pdf)

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| PART 1: Comments |
|  | Reviewer’s comments | 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 titled “Subclinical Hypothyroidism in obesity: Review of Molecular evidence for impaired thyroid hormone receptor affinity from animal studies” reiterates that sub-clinical thyroidal factors are crucial in the matter of obesity and its treatment and management. This review sheds light on an inevitable dimension of molecular biology – genes, hormones and the development of obesity.** |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **The title is suitable but instead of animal studies, rat studies may be included.****Thus, the current version may be modified to “Subclinical Hypothyroidism in obesity: Review of Molecular evidence for impaired thyroid hormone receptor affinity from rat studies”** |  |
| 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 comprehensively covers the matter in the entire manuscript. However, the scientific name / specific variety of the rats seems to be missing in the abstract. The authors may include scientific name of the rats for the first occurrence and the abbreviation for occurrences thereof.****The keyword “research” may be replaced with “molecular biology” to support the presented review.****The keyword “hypothyroidism” is incorrectly spelt.** |  |
| **Is the manuscript scientifically, correct? Please write here.**  | **The manuscript appears to be scientifically correct.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | **The references are complete and suitable but outdated as only 3 references have been included from 2020 onwards. This may need revisions.**  |  |
| Is the language/English quality of the article suitable for scholarly communications? | **There are minor grammatical errors but the language used is moderately suitable for scholarly communications.** **A slight informal tone (such as “I” or “we”) has been employed in the manuscript which needs to be modified as “the authors” or “the investigators” wherever appropriate.****“et. al.,” needs to be italicised throughout the document wherever appropriate.** **Other suggested revisions have been highlighted in the manuscript file in the form of comments.** |  |
| 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?**  |  |  |

**Reviewer details:**

**Nita Ann Johnson, Mount Carmel College Autonomous, India**