|  |  |
| --- | --- |
|  | |
| Book Name: | [**Research Perspective on Biological Science**](https://www.bookpi.org/bookstore/product/research-perspective-on-biological-science-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5668** |
| Title of the Manuscript: | **The Differences of Mechanisms in Antihypertensive and Anti-Obesity Effects of Eucommia Leaf Extract between Rodents and Humans** |
| 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.**

**Molecules, 28(4), 1964, 2023.**

**Available:** [**https://doi.org/10.3390/molecules28041964**](https://doi.org/10.3390/molecules28041964)

|  |  |  |
| --- | --- | --- |
| 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.** | **The mechanisms behind the antihypertensive and anti-obesity effects of Eucommia leaf extract (ELE) are thoroughly reviewed, and for the first time, the species-specific differences between rodents and humans in response to ELE's active ingredients—geniposidic acid and asperuloside—are brought to light. This distinction is important because a large portion of the previous evidence supporting the effectiveness of ELE came from animal studies. This manuscript makes it clear that the mechanisms and results in humans can differ significantly from those in rodents.** |  |
| **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. | **Yes, The article of this manuscript is comprehensive.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes, offcourse the manuscript is scientifically correct and have a greater impact on the obesity management** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Yes, and if the refrence from the recent the it will be more better for the reader.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes, English langaue which is used in the manuscript is well and presented in the better format. |  |
| Optional/General comments |  |  |

|  |  |  |
| --- | --- | --- |
| **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)* |  |

**Reviewer details:**

**Ramalingappa, Davangere University, India**