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| Book Name: | [**Research Perspective on Biological Science**](https://www.bookpi.org/bookstore/product/research-perspective-on-biological-science-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5697** |
| Title of the Manuscript: | **Superior heat resilient features for physiological, biochemical, behavioral,molecular, neuroendocrine and epigenetic adaptation in Tharparkar Cattle** |
| 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.**

**Journal of Animal Research, 12(05): 675-688, 2022.**

**DOI: 10.30954/2277-940X.05.2022.9**

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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 minimumof 3-4 sentences may be required for this part.** | **This chapter evaluates the adaptive mechanisms of Tharparkar cattle under heat stress. It includes physiological, molecular, biochemical, epigenetic and behavioral parameters. It emphasizes the advantage of Tharparkar cattle as a thermotolerant over crossbreds and other indigenous breeds.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Title is suitable** |  |
| 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. | **Few lines on the methodology can be added in the abstract.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Its main focus is on recommending conservation and sustainable livestock management taking in consideration indigenous breed preservation with various climate strategies.** |  |
| **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 |  |
| Optional/Generalcomments | Author can add more visual summaries and can add a comparison table of various indigenous breed for clear comparison. |  |

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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)* |  |

**Reviewer details:**

**Anju Jain, Delhi University, India**