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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\_5150** |
| Title of the Manuscript:  | **Recent Developments in Diagnostic Methods and Treatment Approaches of Mastitis in Bovines** |
| Type of the Article | **Book chapter** |

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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.** | **The chapter presents a general overview of the diagnosis and therapeutic methods for mastitis. It began with a general overview of mastitis to build an understand of what mastitis is, its causes, effects, and epidemiology. The routine diagnostics and therapeutics were also presented, and the limitations, leading to the necessities of the upcoming recent approaches.** |  |
| **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. | **It was called “summary” in the manuscript. It is okay** |  |
| **Is the manuscript scientifically, correct? Please write here.**  | **Yes, I would recommend a more detailed review of the methodologies for diagnostics and therapeutics. They are only presented in a general overview, not an indept discussion. It will be nice to include some flow charts or schematic description of some of the methodologies, to ensure easy comprehension of the chapter to readers. The author (s) mentioned; “…approximately 140 microbial species…have been isolated from mastitis-affected mammary glands” in Summary, but the same statement says, 150 at the introduction section (please, check).** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **More references have to be consulted so that the methodologies are to be more discussed. Some references are old for sections called “Recent…”. Also, some methodological approaches are neglected. Lateral flow diagnostic assays for example. We recently published a review of all diagnostic methods for Mycoplasma bovis, one of the causative aents of Mastitis (You may check out: DOI:**[**10.1093/biomethods/bpae034**](http://dx.doi.org/10.1093/biomethods/bpae034)**).** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **It require a second read through to correct grammatical, punctautions and syntax errors** |  |
| 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)* |  |

**Reviewer details:**

**Ilemobayo Victor Fasogbon, Kampala International University, Uganda**