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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\_4977** |
| Title of the Manuscript: | **ISOLATION AND IDENTIFICATION OF THE SERRATIA MARCESCENS CAUSING SEPTICEMIA IN THE SILKWORMS FROM YEN BAI PROVINCE AND PREVENTION MEASURES** |
| 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.**

**Vietnam Journal of Biotechnology 22(2): 278-288, 2024.**

**DOI: 10.15625/vjbt-19680**

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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.** | This work is significant to the academic community because it provides a comprehensive examination of the identification and treatment of Serratia marcescens, a common bacterial pathogen that causes septicemia in silkworms. Our understanding of bacterial infections in sericulture is improved by the work's precise molecular identification using 16S rRNA sequencing and biochemical testing. The research also introduces effective disinfection and antibacterial treatments that could reduce silk industry losses. These data will be a valuable resource for integrated disease management strategies for researchers, sericulture farmers, and policymakers involved in sustainable silk production. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The title "ISOLATION AND IDENTIFICATION OF THE SERRATIA MARCESCENS CAUSING SEPTICEMIA IN THE SILKWORMS FROM YEN BAI PROVINCE AND PREVENTION MEASURES" effectively conveys the core aspects of the study** |  |
| 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 could use a brief discussion of the financial ramifications of silkworm septicemia, despite its excellent structure. Additionally, it would increase scientific accuracy to explicitly state the findings of the phylogenetic analysis and to clearly explain the methodology (such as isolation techniques). Lastly, the conclusion should emphasize the practical applications of the findings in the treatment of sericulture disorders. |  |
| **Is the manuscript scientifically, correct? Please write here.** | The paper is academically credible because it confirms the presence of Serratia marcescens in silkworms using established molecular and microbiological identification techniques, such as 16S rRNA sequencing and biochemical testing. The technique is well documented and includes references to relevant research and industry standards. Because the study's conclusions are supported by experimental data, including tests for antibiotic sensitivity and disinfection effectiveness, it can be approved. Its impact and clarity could be further increased with minor adjustments to the wording, data presentation, and argument depth. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | Although current research (2020–2023) and appropriate references are provided, some older content (e.g., 1994, 2007) may be updated. The information may be further supported by recent research on antibiotic resistance, microbial management in sericulture, and the pathogenicity of Serratia marcescens. |  |
| Is the language/English quality of the article suitable for scholarly communications? | The language used in the manuscript is primarily appropriate for academic discourse. |  |
| Optional/General comments | Nil |  |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s comment** *(if agreed with 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 details)* |  |

**Reviewer details:**

**Mithilasri, Anna University, India**