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| Book Name: | [**Microbiology and Biotechnology Research: An Overview**](https://www.bookpi.org/bookstore/product/microbiology-and-biotechnology-research-an-overview-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4673** |
| Title of the Manuscript:  | **Ribosomal Hibernation-Associated Factors in Escherichia coli** |
| 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.**

**Microorganisms, 10(1): 33, 2022.**

**Available:** [**https://doi.org/10.3390/microorganisms10010033**](https://doi.org/10.3390/microorganisms10010033)

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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 review is useful in explaining the failure to isolate bacterial species from certain locations despite their presence in that area, whether it is an infection or environmental area, due to their entering a state of dormancy due to their conversion of ribosomes from 70s to 100s.** **This may also explain why some bacterial species remain in the environment for long periods.** |  |
| **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. | **Add a brief statement about the role of some environmental factors in** **Ribosomal Hibernation**  |  |
| **Is the manuscript scientifically, correct? Please write here.**  | **Yes** |  |
| **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/General comments | 1-It is better to write a paragraph about the structure of bacterial ribosomes.2-Add additional information about the role of some environmental factors in detail, for example, at what temperature or pH does bacterial ribosome conversion occur3-Add the reference to which it refers below Table 1 and Figure 1 |  |

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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:**

**Najdat Bahjat Mahdi, Kirkuk University, Iraq**