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| Book Name: | [**Disease and Health: Research Developments**](https://www.bookpi.org/bookstore/product/disease-and-health-research-developments-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5097** |
| Title of the Manuscript: | **A Review on Stress, Stressors-their effects and Adaptive Response** |
| 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.** |  |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** |  |  |
| 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. |  |  |
| **Is the manuscript scientifically, correct? Please write here.** |  |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** |  |  |
| Is the language/English quality of the article suitable for scholarly communications? |  |  |
| Optional/General comments | **A Review on Stress, Stressors-their effects and Adaptive Response**  **Comments:**   * There are minor grammatical and typographical issues, such as phrases like 'the reactions of the animal body' could be more clearly stated as 'the physiological and psychological reactions of organisms. * While the keywords cover primary concepts, adding a keyword like "psychosocial stress" or "adaptive mechanisms" could further enhance the breadth of topics addressed. * There are numerous grammatical errors, awkward phrasing, and typographical mistakes throughout the text. For instance, phrases like “the stress had long been in use in physics” could be rephrased to enhance clarity. * While the chapter contains a wealth of citations, ensuring a consistent referencing format would enhance credibility. Certain references are not fully cited, leading to potential confusion. * Several sections are dense with scientific terminology and complex concepts. Simplifying language where appropriate and providing brief definitions or clarifications for technical terms would make the chapter more accessible to a wider audience. * Some parts of the chapter feel somewhat disjointed. * Figures and tables are mentioned, but without visual references in this review, it's difficult to assess their effectiveness. Ensuring that visuals are well-integrated and clearly legible will help illustrate complex concepts. * The organization of the information can be improved. Subheadings to demarcate sections more clearly, as well as summaries at the end of each major section, would enhance the reading experience. * Consistency in citation formatting is essential for professionalism. * Providing brief definitions or explanations for complex or technical terms, especially for readers less familiar with the field, would make the chapter more inclusive. * While reviews and meta-analyses (e.g., Flint, 2023; López-León et al., 2008) provide valuable summaries, they may also encompass biases inherent in the included studies, such as publication bias or variances in study design which could affect the validity of conclusions drawn from them. * Many studies focus on specific populations (e.g., clinicians, certain demographics) which may limit generalizability. For instance, findings from studies involving general practitioners (Sutherland & Cooper, 1993) might not be applicable to other occupational groups or populations. * The 224 references for this chapter seem to be excessive. Consider reducing them to a more reasonable number. |  |

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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)* |  |

**Reviewers:**

**Hamid Soori, Cyprus International University, Cyprus**