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| Book Name: | **Fish Nutrigenomics and Molecular Strategies for Sustainable Aquaculture** |
| Manuscript Number: | **Ms\_BPR\_5712** |
| Title of the Manuscript: | **Fish Nutrigenomics and Molecular Strategies for Sustainable Aquaculture** |
| Type of the Article | **Complete Book** |

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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.** | Aquaculture is a complex system, in which the water and soil quality plays a major role in the growth performance of the cultured organism. In addition to it, the nutrient implies a significant part in deciding the growth factor. Hence the nutrigenomics is an important area which will contribute in the success of the aquacultural practices. Molecular strategies is an in depth area that is crucial for increasing the productivity, sustainability and disease management. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes the 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. | In the abstract, please add few more important points regarding the current advancements related to the application of nutrigenomics and molecular strategies in sustainable aquaculture. |  |
| **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.**  **-** | In some chapters, the references are very less. Please add some more references. |  |
| Is the language/English quality of the article suitable for scholarly communications? | The quality of the language can be improved. |  |
| Optional/General comments | In the content section, the chapters are not mentioned.  In most of the contents, the reference is not cited which will decrease the trustworthiness. Hence please add references at appropriate places.  In the conclusion part, please add some points regarding the research gap present in the current studies related to the nutrigenomics and molecular analysis, which will help the researchers for further studies. |  |

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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?** |  |  |

**Reviewer details:**

**K. Abarna, Tamilnadu Dr. J. Jayalalithaa Fisheries University, India**