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| Book Name: | **Unveiling the Hidden Costs: Part2: Energy Imbalance Based Cancer Propagation Algorithm (EIBC-PA)** |
| Manuscript Number: | **Ms\_BPR\_** **5574** |
| Title of the Manuscript:  | **Unveiling the Hidden Costs: Part2: Energy Imbalance Based Cancer Propagation Algorithm (EIBC-PA)** |
| 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.** | This manuscript aims to establish itself as a paradigm-shifting approach with a completely new approach to cancer biologyThe theory of energy imbalance and its mathematical modelling may provide novel insights into early cancer detection-almost laying down a scientific framework that could fill the critical gaps between lab science and clinical application.The energy-imbalance algorithm shows promise for translational application-to revolutionize many realms of medicine and forge new approaches to disease monitoring and treatment optimization. |  |
| **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. | Highlight the innovative aspects, particularly in the energy divestiture process and the aforementioned recruitment concepts, characterize your work. |  |
| **Is the manuscript scientifically, correct? Please write here.**  | **Yes. This manuscript** building on established understanding of cancer metabolism. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **Not sufficient. For manuscript Include 20 to 25 refrences.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Language quality is good. |  |
| 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:**

**P.Manju Bala, IFET College of Engineering, India**