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| Book Name: | [**Medical Science: Trends and Innovations**](https://www.bookpi.org/bookstore/product/medical-science-trends-and-innovations-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4515** |
| Title of the Manuscript: | **Challenges of Developing Precision Drugs for Non-Communicative Diseases** |
| 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.** | * **Reduce the cost of treating patients in the long run** * **Analysis of medical data and Helping personalizing more effective therapies and customization** * **Reduce the side effects of the drug and improve the quality of life of patients** * **Increase the prevalence of non -communicable diseases and design new and advanced personal therapies** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **"Advancements and Challenges in Precision Drug Development for Non-Communicable Diseases** |  |
| 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. | **Abstract:**  **Precision medicine aims to optimize treatment efficacy through genetic and molecular profiling. While effective drugs exist for infectious diseases, the development of precision drugs for non-communicable diseases (NCDs) remains a challenge. The identification of molecular targets for NCDs, essential for precision drug development, is still limited, leaving physicians with few personalized treatment options. This paper examines the key tools and requirements for the design, development, testing, manufacturing, and clinical application of precision drugs, which are still unavailable for most NCDs** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes, that is correct** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **AICVD tools** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/General comments |  |  |

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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)* |  |

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| **Reviewer Details:** | |
| Name: | **Zahra Azami** |
| Department, University & Country | **Tehran Azad University, Iran** |