Ethical Considerations in Precision Medicine Research and Implementation

Lee Yu*

Department of Hematology Oncology, National University Cancer Institute Singapore, Singapore

Abstract

Precision medicine, characterized by its tailored approach to healthcare based on individual genetic, environmental, and lifestyle factors, holds promise for revolutionizing patient care. This paradigm shift, however, introduces complex ethical challenges that demand careful consideration and proactive management. This abstract explores key ethical dilemmas in precision medicine research, including informed consent, privacy protection, and equity in access. It highlights the critical role of ethical oversight in safeguarding patient welfare and promoting transparency. By navigating these ethical considerations with integrity and adherence to ethical principles, precision medicine can advance responsibly, ensuring equitable access and benefiting patients while upholding ethical standards in research and clinical practice.

***Corresponding author:** Lee Yu, Department of Hematology Oncology, National University Cancer Institute Singapore, Singapore, E-mail: leeyu@gmail.com

Received: 01-May-2024, Manuscript No. acp-24-141584; **Editor assigned:** 03-May-2024, PreQC No. acp-24-141584(PQ); **Reviewed:** 17-May-2024, QC No. acp-24-141584; **Revised:** 23-May-2024, Manuscript No. acp-24-141584(R); **Published:** 30-May-2024; DOI: 10.4172/2472-0429.1000221

Citation: Lee Y (2024) Ethical Considerations in Precision Medicine Research and Implementation Adv Cancer Prev 8: 221.

Copyright: © 2024 Lee Y. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

Citation: Lee Y (2024) Ethical Considerations in Precision Medicine Research and Implementation. Adv Cancer Prev 8: 221.