

# Review of: "A Value-Driven Future Approach to Precision Medicine for Health Sustainability in New Zealand: A Perspective"

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Potential competing interests: No potential competing interests to declare.

## Abstract:

The abstract highlights the significance of personalized and precision medicine, emphasizing the importance of pharmacogenomic tools in predicting disease risk, monitoring health, and tailoring treatments for individuals. It also underscores the role of theranostic and companion diagnostics, pharmacogenomics, and OMICS-based testing in achieving these goals. Overall, the abstract offers a comprehensive overview of the field's potential and the need for standardized evidence for effective implementation.

## Suggested improvements:

The abstract could benefit from more specific examples or case studies to illustrate the practical applications and successes of personalized medicine, making it more engaging and relatable.

Consider condensing some of the sentences for greater clarity and conciseness, as certain parts of the abstract are somewhat lengthy and complex.

## Review comments for the manuscript:

This comprehensive manuscript covers a wide range of topics related to precision medicine, genomics, and molecular testing, providing a thorough overview of the field's current status and future prospects.

The inclusion of real-world examples and case studies from New Zealand adds a valuable practical dimension to the discussion, demonstrating how precision medicine is already making an impact in different healthcare systems.

The document explores the integration of data science, digital health, and precision medicine, emphasizing the role of key stakeholders, such as patients, providers, and researchers, in driving the personalized healthcare ecosystem.

It discusses the potential of artificial intelligence, machine learning, and advanced analytics in advancing precision medicine, highlighting their role in translational research and healthcare decision-making.

## Scope for improvement:

1. While the manuscript is comprehensive there is room for improvement with better organization and section headings to enhance readability and facilitate easier navigation for readers.

Overall, this content presents a rich and insightful exploration of precision medicine, genomics, and related technologies. It offers a deep understanding of the current landscape and future potential in the field, with the inclusion of practical examples making it a valuable resource for both researchers and healthcare professionals. Improved organization and clear section headings would enhance its accessibility and readability.