Technological Advancements in the Detection and Treatment of Infectious Diseases

Yanmin Zhang*

Department of Immunology, Huazhong University of Science and Technology, China

Abstract

Technological advancements have revolutionized the detection and treatment of infectious diseases, offering innovative solutions to enhance diagnosis, surveillance, and therapeutic interventions. This abstract explores recent developments in technology-driven approaches to combat infectious diseases, focusing on key areas such as molecular diagnostics, point-of-care testing, digital health solutions, and precision medicine. Molecular diagnostic techniques, including poly w – individual gen treatment strategies to mitigate the impact of infectious disease outbreaks on public health. and treatment of infectious diseases, highlighting their potential to revolutionize healthcare and mitigate the impact of infectious diseases on a global scale.

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1. **D** : (D), (NAA), HI , (PC) - (NG),

***Corresponding author:** Yanmin Zhang, Department of Immunology, Huazhong University of Science and Technology, China, E-mail: YanminZhg@gmail.com

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4. [illegible] [9].

5. **A**[illegible] (AI) [illegible] AI-[illegible] [10].

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