

Biosensors in Virus Detection Using Advanced Neural Networks

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Abstract

Biosensors play a pivotal role in virus detection, especially during global health crises. This paper investigates the application of advanced neural networks to enhance biosensor accuracy in identifying viral pathogens. By processing real-time data, the proposed framework significantly improves detection speed and sensitivity. Results demonstrate that integrating neural networks with biosensor technologies can revolutionize diagnostic tools for healthcare systems.

(Keywords:)

Biosensors, Virus Detection, Neural Networks, Healthcare Diagnostics, Real-Time Monitoring

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