



**technologies**



*Special Issue Reprint*

## **The Future of Healthcare**

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Edited by

Juvenal Rodriguez-Resendiz

Gerardo I. Pérez-Soto

Karla Anhel Camarillo-Gómez

Saul Tovar-Arriaga

ISBN 978-3-7258-6093-7 (Hardback)

ISBN 978-3-7258-6094-4 (PDF)



Biomedical technology, which is fundamental today, incorporates various disciplines such as signal, image, and data processing, greatly benefiting healthcare systems. Artificial intelligence plays a crucial role in allowing the creation of embedded systems that monitor and adjust patient treatment in real-time, ensuring more personalized and effective care. Additionally, this integration facilitates the development of automatic diagnostic techniques, such as advanced medical image analysis and biometric data interpretation, which have transformed the diagnosis and treatment of diseases, thus improving patients' quality of life. This advance is essential to respond to the demands of a growing population with expectations of high-quality medical care.

This Special Issue aims to showcase innovators who are using artificial intelligence as a main topic for solving problems in biomedical technology through the development of technologies with integrated systems for health and quality of life.



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