

Special Issue

Artificial Intelligence Applications in Public Health: 2nd Edition

Message from the Guest Editors

This Special Issue, “Artificial Intelligence Applications in Public Health: 2nd Edition”, aims to gather research studies across various disciplines to shed light on the cutting-edge uses of computational techniques and artificial intelligence (AI) in the field of public health. This Special Issue emphasizes AI’s transformative potential in managing and addressing critical challenges in public health, from disease surveillance, outbreak prediction, and health systems’ optimization, to personalized health interventions. The articles collected in this Special Issue will cover a broad spectrum of topics, including, but not limited to, AI-enhanced predictive modeling for disease spread, big data analytics for health trend forecasting, machine learning for patient stratification, and deep learning for image-based diagnostics in public health settings. This Special Issue is a call to all researchers, data scientists, public health experts, and policymakers to submit their original research, reviews, case studies, and thought-provoking perspectives that demonstrate the novel uses and potentials of AI and computation in public health.

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