

## Special Issue

# Integrating Artificial Intelligence and Big Data into Nursing Practice, Education and Policy

### Message from the Guest Editor

Integrating artificial intelligence (AI) and big data is essential for advancing nursing. This Special Issue acts as a call to action to embed these technologies across nursing education, practice, research, and policy, with humanity always at the forefront. In education, we must prepare nurses to critically engage with AI and data, fostering informatics competencies that enhance clinical decision-making, reduce documentation burden, and support personalized, evidence-based care. In practice, AI and big data offer powerful tools to optimize workflows, leverage standardized data and small and large language models to make nursing contributions visible, and improve patient engagement. In research, these tools enable us to generate robust insights, quantify the value of nursing care, and address health disparities. In policy, nurses must champion ethical AI governance, advocate for interoperable data standards, and ensure that nursing's voice is central in shaping digital health strategies. By leading with care, love and discernment, we can harness AI and big data to advance health for all through the unwavering foundations of human wisdom and relationships and social justice.

### Guest Editor

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### Deadline for manuscript submissions

30 April 2027



## Nursing Reports

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