

Special Issue

Generative AI in Healthcare: Opportunities, Challenges, and Ethical Implications

Message from the Guest Editors

The rapid advancement of generative AI is transforming healthcare, offering groundbreaking innovations in diagnostics, drug discovery, and personalised medicine. However, these advancements come with significant challenges, including concerns over data privacy, algorithmic bias, and regulatory oversight. This Special Issue is timely and crucial as healthcare systems increasingly adopt AI-driven solutions worldwide. Addressing generative AI's ethical, legal, and practical implications ensures responsible deployment while maximising its benefits. We welcome contributions that explore innovative applications of generative AI in medical imaging, diagnostics, drug discovery, and personalised treatment, as well as studies addressing ethical, legal, and regulatory challenges. Submissions may include empirical research, case studies, systematic reviews, and theoretical discussions that provide fresh insights into the evolving role of AI in healthcare. We look forward to receiving your contributions.

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Message from the Editor-in-Chief

Healthcare is an international, scientific, peer-reviewed, open access journal on health care systems, industry, technology, policy, and regulation, and is published semimonthly online by MDPI. Ocular Wellness & Nutrition Society (OWNS) is affiliated with Healthcare and its members receive discounts on article processing charges.

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