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CALL FOR PAPERS: SPECIAL ISSUE

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Transforming Healthcare and Medicine with Biomedical Informatics and Emerging AI Techniques

Join us at the forefront of healthcare's transformative evolution by contributing to the Special Session, "Transforming Healthcare and Medicine with Biomedical Informatics and Emerging AI Techniques." We invite you - researchers, practitioners, educators, and policymakers to contribute your insights to this curated collection in the Journal of Biomedical and Health Informatics. This issue seeks to explore the frontier where AI intersects with healthcare, advancing clinical care, decision-making, and precision health. Your submissions will shape the narrative of AI's role in reshaping clinical care, unraveling complex biomedical data, and navigating ethical considerations within medicine. Together, we aim to curate cutting-edge research, fostering interdisciplinary collaboration and innovation in healthcare informatics.

Papers are invited in the following (but not limited to) areas:

AI-based clinical decision systems
Biomedical natural language processing
Large language models in health informatics
AI ethics and regulation in healthcare
Translational and clinical informatics
Biomedical data science and engineering
Medical AI for wearable and pervasive sensing
Digital twin and cognitive AI
AI for combating long COVID
Digital radiology and pathology
Single-cell and spatial omics
Cancer genomics and immunotherapy
Medical security and federated learning
Behavioral and mental health informatics
Multiscale modeling in healthcare

Submission Guidelines
Authors are invited to submit original research articles, reviews, or perspectives to this Special Issue through the J-BHI submission portal. All submissions will undergo a rigorous peer-review process. Manuscripts should adhere to J-BHI's IEEE formatting guidelines.

Important Dates
Submission Deadline: March 8, 2024
Notification of Acceptance: May 24, 2024
Final Manuscript Due: June 21, 2024