

Special Session

02

BIG DATA AND AI FOR HEALTH AND MEDICAL APPLICATIONS

The rapid digitalization of healthcare has generated unprecedented volumes of medical data, creating both opportunities and challenges for precision medicine, clinical decision support, and public health management. The application of big data analytics and artificial intelligence in medicine promises to revolutionize disease diagnosis, treatment personalization, drug discovery, and healthcare operations. This special session invites cutting-edge research on the development and deployment of AI and data-driven methodologies to address critical problems in health and medical domains.



Track Chair

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Important Dates



Submission Deadline

February 28, 2026

Notification of Paper Acceptance

March 15, 2026

Registration Deadline

March 30, 2026

Topic

Medical image analysis and computer-aided diagnosis
Predictive modeling for disease prognosis and early detection
Electronic health records mining and clinical decision support
AI for drug discovery and personalized medicine

Wearable and IoT sensor data analytics for healthcare
Natural language processing for clinical texts and biomedical literature
Privacy-preserving machine learning in healthcare
Big data infrastructure for multi-omics and genomic analysis

Publication



Submitted paper will be peer reviewed by conference committees, and accepted papers will be included in ICCCBDA 2026 Conference Proceedings, which will be archived in IEEE Xplore, and indexed by EI Compendex, Scopus, and other indexing services.

Submission Link and Templates

Submission Link:

<http://www.easychair.org/conferences/?conf=icccbda2026>
(Please select Special Session 2)

Submission Templates:

<https://www.icccbda.com/instruct8.5x11x2.doc/>

<https://www.icccbda.com/ieee-latex-conference-template.zip>

Contact Us

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