

## Special Issue

# Artificial Intelligence and Machine Learning for Biomedical Diagnostics and Prognostics

### Message from the Guest Editors

Submissions are encouraged across psychology and psychiatry (e.g., ecological momentary assessment, relapse prediction, suicide risk modeling, treatment response to psychotherapies and pharmacotherapies, neuroimaging, and speech/language analytics); physiotherapy and rehabilitation (e.g., telerehabilitation trials, gait analysis using inertial sensors, and exercise protocols); and nutrition (e.g., controlled dietary interventions, crossover feeding studies, nutrigenomics, and metabolomics for personalized nutrition). Additional medical domains of interest include cardiology (ECG and wearable sensors), oncology (prognosis and treatment response), sleep medicine, critical care, pediatrics, and geriatrics. We particularly value multimodal data integration (medical imaging, omics, digital pathology, wearable sensors, and electronic health records), supervised and unsupervised learning, transfer learning, generative models, and explainable/interpretable approaches.

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### Guest Editors

Dr. César Byron Guevara Maldonado

Dr. Victoria López

Dr. Diego Fernando Riofrío Luzcando

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### Deadline for manuscript submissions

31 May 2026



## Life

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### Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

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