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Autore	Vlamos Panagiotis
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Nota di contenuto	1-Digging for Significant Genes in Microarray Expression Data Based on Systematic Sampling and Hierarchal Clustering Algorithm -- 2-A DSS for predicting Lymphoma in primary Sjogren's Syndrome patients -- 3-Decision Support System for Breast Cancer Detection Using Biomarker Indicators -- 4-Hepatocellular Carcinoma Detection Using Machine Learning Techniques -- 5-Web-based Decision Support System for Coronary Heart Disease Diagnosis -- 6-A Decision Support System for the Prediction of Drug Predisposition through Personality Traits -- 7-Development of a diagnostic tool for balance disorders based on machine learning techniques -- 8-Systems Approaches in the Common Metabolomics in Acute Lymphoblastic Leukemia and Rhabdomyosarcoma Cells: A Computational Approach -- 9-Bioinformatics Analyses of Spatial Peripheral Circadian Clock-Mediated Gene Expression of lucocorticoid Receptor-related Genes -- 10-Machine Learning for Autistic Spectrum Disorder Risk Screening -- 11-Mobile Application for Monitoring and Preventing Cognitive Decline through Lifestyle Intervention -- 12-Virtual Reality Zoo Therapy for

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Sommario/riassunto

The 6th Genomics, Neuroscience, Therapeutics, and Data Innovation Summit (GeNeDIS 2024) focuses on the latest major challenges in scientific research, new drug targets, the development of novel biomarkers, new imaging techniques, novel protocols for early diagnosis of neurodegenerative diseases, and several other scientific advances, with the aim of better, safer, and healthier aging. Computational methodologies for implementation on the discovery of biomarkers for neurodegenerative diseases are extensively discussed. This volume focuses on the sessions from the conference regarding computational biology and bioinformatics.