SEO Metadata Report

Title: Automated Classification of Acute Lymphoblastic Leukemia in Blood Smear Images Using Transfer-Learned ResNet-50

Meta Description: This study proposes an automated classification system for acute lymphoblastic leukemia in blood smear images using transfer-learned ResNet-50, achieving a peak validation accuracy of 97.39% and test accuracy of 95.43%, making it suitable for real-time clinical workflows.