## SEO Metadata Report

Title: Automated Classification of Acute Lymphoblastic Leukemia in Blood Smear

Images Using Transfer-Learned ResNet-50

Meta Description: A novel automated classification system for acute lymphoblastic

leukemia in blood smear images is proposed, achieving a peak

validation accuracy of 97.39% and test accuracy of 95.43% while

maintaining inference times under 0.05 seconds per image.