# 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.