

Beyond the Results

Hematopathology

A Consultative Approach to Patient Care

ACL Laboratories offers full service diagnostic evaluation of blood, bone marrow, lymph nodes and other hematopoietic and lymphoid tissues. Our goal is to provide timely, appropriate, accurate and cost-effective evaluation of each specimen, integrating the various results obtained into a comprehensive diagnosis.

Our specialty-trained hematopathologists provide continuous consultation services and are available to discuss cases directly with clinicians. ACL Laboratories pathologists are an important part of your oncology team to ensure definitive diagnosis and optimal case management for each patient.

Because oncology cases often are complex...

- Ensures accessibility of our hematopathologists for pre- or post-analytical consultation with clinicians
- Integrates all pathology, flow cytometry and cytogenetic studies into a useful diagnosis tools for the clinician
- Referral of bone marrow specimens (depending on the clinical indications) for cytogenetic analysis, incorporating the results provided by board certified Clinical Cytogeneticists

Comprehensive oncology reports that include all pathology, immunohistochemistry, flow cytometry, cytogenetic and molecular studies...

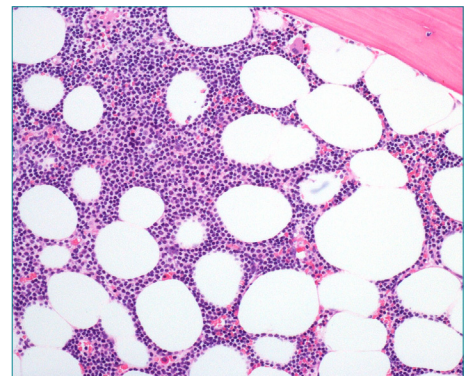
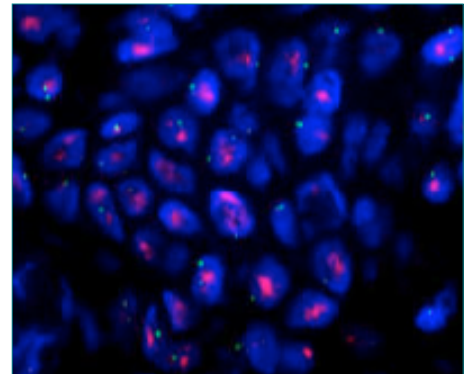
- Rapid results are provided for immunohistochemical stains, flow cytometry, cytogenetic analyses and molecular testing
- Definitive diagnosis backed by experienced hematopathologists, cutting-edge technology and thoughtful judgment
- Multiple ways to access reports: EMR connectivity, via web portal, via internet, printer, fax, courier
- Around-the-clock availability of hematopathologists to assist the ordering physician



Testing Menu

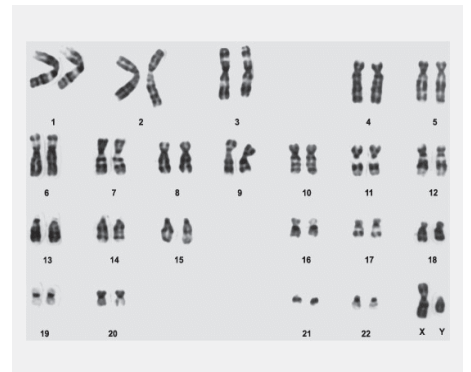
FISH

- ALK
- BCR-ABL
- JAK2
- PML-RARA t(15;17)
- inv(16)
- t(8;21)
- Hematology Panels
 - AML
 - CLL
 - Eosinophilia
 - High-Grade/Large B-Cell Lymphoma
 - MDS
 - Multiple Myeloma



Immunohistochemistry

- Comprehensive Antibody Library
- In Situ Hybridization
 - CMV
 - EBER
 - Kappa/Lambda



Cytogenetics

- Oncology Chromosome Analysis

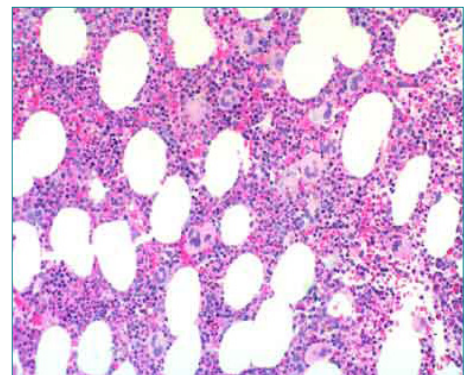
Flow Cytometry

- Comprehensive Leukemia/Lymphoma Analysis
- PNH Analysis

Other

- Bone Marrow Morphologic Analysis
- T- and B-Cell Gene Rearrangement, PCR

A more complete list of tests are available at acllaboratories.com.



Hematopathology Leadership



Dr. Brian Adley, M.D. is a graduate of Loyola Stritch School of Medicine, Maywood, IL. He completed his residency at Northwestern University Feinberg School of Medicine, Evanston, IL. He also completed a fellowship in the sub-specialty Genitourinary Pathology at Northwestern University Feinberg School of Medicine.

Dr. Adley is **Board Certified in Anatomic and Clinical Pathology** through the American Board of Pathology.

Dr. Adley has authored several articles in the areas of Genitourinary, Gastrointestinal, Molecular Pathology and Hematopathology.



Dr. Patricia Kampmeier, M.D. is a graduate of George Washington University Medical School, Washington D.C.

Dr. Kampmeier completed her residency at Northwestern Memorial Hospital in Chicago, IL. She completed a fellowship in Hematopathology at University of Chicago Hospital, Chicago IL.

Dr. Kampmeier is **Board Certified in Internal Medicine** and in **Anatomic and Clinical Pathology** through the American Board of Pathology.

Dr. Kampmeier has special interests in morphologic diagnosis of hematopoietic neoplasm, including leukemias, lymphomas, myelodysplastic syndromes and myeloproliferative disorders.



Dr. Imad Almanaseer, M.D. is a graduate of College of Medicine, Baghdad, Iraq. Dr. Almanaseer completed his residency in Pathology at the University of Baghdad, and at Lutheran General Hospital in Park Ridge, IL.

Dr. Almanaseer held academic appointments at the University of Illinois Chicago, IL and has authored several publications on immunochemistry, leukemia, lymphoma, myeloma.

Dr. Almanaseer is **Board Certified in Anatomic and Clinical Pathology, and Hematology** through the American Board of Pathology.

Dr. Almanaseer is the Medical Director at ACL Laboratories and President of Midwest Diagnostic Pathology.



Dr. Ronald Sirota, M.D. is a graduate of John Hopkins University School of Medicine, Baltimore, MD.

Dr. Sirota completed his anatomic pathology residency at Massachusetts General Hospital, Boston, MA. He completed his clinical pathology residency at both New England Deaconess Hospital and Massachusetts General Hospital, Boston, MA.

Dr. Sirota is **Board Certified in Anatomic and Clinical Pathology** through the American Board of Pathology.

Dr. Sirota has published many articles on the topics of Hematopathology, Quality Assurance and Medical Errors in pathology.



Dr. Raphael Z. Borok, M.D. is a graduate of the University of Pretoria, South Africa. Dr. Borok completed his residency at the South African Institute for Medical Research, Johannesburg. He completed residency at Rush Presbyterian St. Luke's Medical Center in Chicago, IL where he also did his fellowship.

Dr. Borok is **Board Certified in Anatomic and Clinical Pathology** through the American Board of Pathology.

Dr. Borok's focus has been in molecular pathology and Hematopathology, supporting the development and interpretation of DNA sequencing, SNP arrays, FISH assays, diagnostic PCR tests and a multitude of immunohistochemical assays.

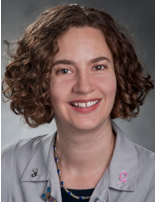


Dr. Yanxia Li, M.D., PhD is a graduate of Capital University of Medical Sciences in Beijing, P.R. China. Dr. Li completed her residency at Loyola University Medical Center, Chicago, IL where she also completed fellowships in surgical pathology and hematopathology.

Dr. Li is **Board Certified in Anatomic and Clinical Pathology, Hematopathology** through the American Board of Pathology.

Dr. Li's special interests include lymphomas and bone marrow pathology. Dr. Li has authored various books and articles.

Support Staff



Dr. Jillene M. Kogan, M.D., PhD, FACMG

is a graduate of University of Illinois-Chicago, Chicago IL. She completed her residency in Pediatrics/Medical Genetics, and her fellowship in Clinical Cytogenetics at Cincinnati Children's Hospital Medical Center, Cincinnati, OH.

Dr. Kogan is **Board Certified in Clinical Genetics** and **Clinical Cytogenetics** through the American Board of Medical Genetics.

Dr. Kogan has authored many publications related to chromosome abnormalities in various medical journals.



Dr. Michael L. Mihalov, M.D. is a graduate of Loyola Medical School in Maywood, IL, where he also completed his residency and fellowships in Surgical Pathology and Molecular Pathology.

Dr. Mihalov held several academic appointments at the University of Illinois School of Medicine and has published numerous articles on diagnostic molecular pathology, transplantation and viral diseases.

Dr. Mihalov **Board Certified in Anatomic and Clinical Pathology** through the American Board of Pathology.

Dr. Mihalov is the Medical Director of ACL Illinois Central Laboratory and the Molecular Pathology Laboratory.

