

Hematopathology Faculty

Emily F. Mason M.D., Ph.D.

Hematopathology Fellowship Director;
Assistant Professor of PMI

Kelley J. Mast, M.D.

Hematopathology Associate Fellowship
Director;
Assistant Professor of PMI

Jonathan Douds, M.D.

Assistant Professor of PMI

David R. Head, M.D.

Professor of PMI

Ridas Juskevicius, M.D.

Assistant Professor of PMI

Claudio A. Mosse, M.D., Ph.D.

Associate Professor of PMI;
Chief of Pathology and Lab Medicine, VA
Tennessee Valley Healthcare System

Adam C. Seegmiller, M.D., Ph.D.

Professor of Pathology, Microbiology &
Immunology (PMI);
Vice Chair for Clinical Pathology;
Director of Laboratory Medicine and
Hematopathology

Aaron C. Shaver, M.D., Ph.D.

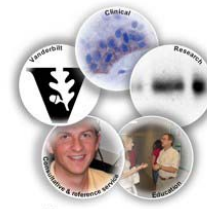
Associate Professor of PMI;
Director, Immunopathology

Mary Ann Thompson Arildsen, M.D., Ph.D.

Associate Professor of PMI;
Director, Hematology

The Department of

Pathology, Microbiology & Immunology



*To apply, please submit application,
3 letters of recommendation, cover
letter, and CV to:

Holly Spann, Administrative Assistant
Vanderbilt University School of Medicine
Department of Pathology, Microbiology
& Immunology
Hematopathology Division
T3218 MCN
1161 21st Avenue
Nashville, TN 37232
holly.spann@vumc.org

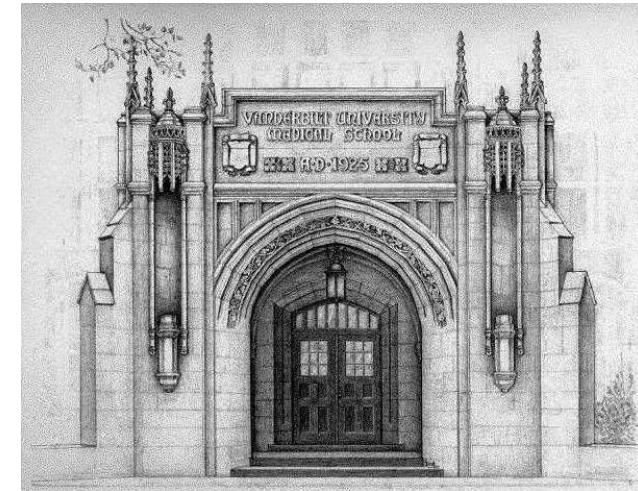
*Application and pertinent information
can be found at:

<https://www.vumc.org/gme/13198>

VANDERBILT UNIVERSITY  School of Medicine



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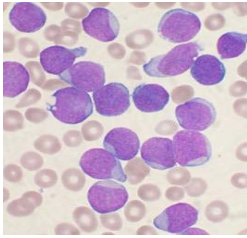


*Vanderbilt
University
Medical Center
Hematopathology
Fellowship*

Hematopathology at Vanderbilt University Medical Center

The Hematopathology Division was started in the early 1970's by Dr. Robert D. Collins. Our mission is to provide 1) state-of-the-art diagnostic services integrating morphologic, immunophenotypic, molecular, and cytogenetic studies, 2) resident training in the basics of hematopathology, 3) fellowship training that emphasizes the development of academic hematopathologists, and 4) research opportunities with hematopathology faculty. Current areas of investigation include the molecular basis of leukemogenesis and lymphomagenesis, application of molecular and flow cytometric technology to the diagnosis of hematolymphoid neoplasms, and the pathogenesis of myelodysplasia.

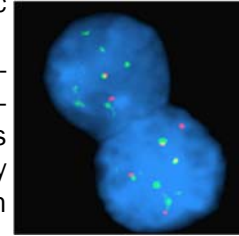
Vanderbilt is at the cutting edge of incorporating advanced diagnostics into patient care. Through innovative technological interfaces with the electronic medical record, the hematopathologist can quickly review a patient's history and previous lab results to direct the entire panel of lab tests that need to be ordered for every patient receiving a bone marrow biopsy. Once the results from the cytogenetic, molecular and flow cytometry reports are available, they are incorporated into an over-arching comprehensive report that includes not only diagnostic information but also specifies prognosis and optimal methods for minimal residual disease detection. This suite of services integrating the ordering and interpretation of morphologic and laboratory data is the *Diagnostic Management Team*



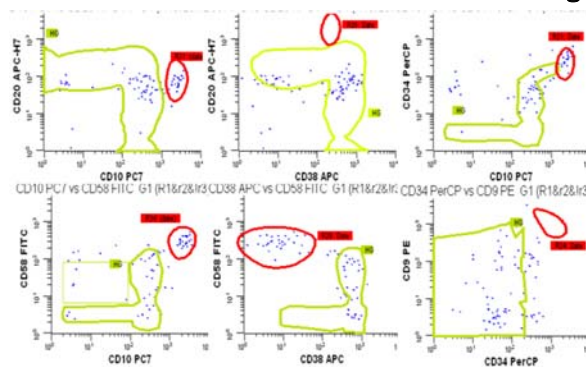
(DMT). Through the hematologic malignancy DMT project, the pathologist guides clinical decision-making and effective test utilization in diagnosing and treating hematologic disorders.

We offer a one- or two-year ACGME accredited fellowship that emphasizes diagnostic hematopathology in the first year and research in the second year, for interested trainees. Space is available in laboratories of independent investigators for both clinical/translational, as well as basic research projects. The immunopathology and molecular genetics laboratories are an integral part of the division and provide opportunities for training and research for both residents and fellows.

The division evaluates ~5,400 Hematopathology cases including ~3,000 in-house bone marrows, 550 in-house tissue biopsies, 1,000 body fluids, and 1,100 consults/referrals, as well as over 6,000 flow cytometry cases per year from Vanderbilt Hospitals and an additional 900 morphology cases and nearly 1,000 flow cytometry cases per year from the VA Tennessee Valley Healthcare System. Data from flow cytometry, immunohistochemistry and molecular genetics studies including next generation sequencing are integrated into a single final diagnosis. Residents and fellows participate actively with the faculty



State of the Art Minimal Residual Disease Testing



and in collaboration with clinical colleagues in conferences and clinical-pathologic case analyses. Our group provides service for the 670-bed Vanderbilt University Hospital, the 216-bed Monroe Carell Jr. Children's Hospital, and the 282-bed VA Tennessee Valley Healthcare System, the site of the largest stem cell transplant program in the VA system.

Vanderbilt Medical Center is part of the 330-acre Vanderbilt University campus in a sophisticated, diverse residential community about 1.5 miles from downtown Nashville, with numerous shops and restaurants within easy walking distance. Nashville, the capital of Tennessee, is the site of numerous colleges and universities, two medical schools, and several large teaching hospitals. The city has an extensive parks system, a symphony orchestra, opera, ballet, performing arts center, zoo, several museums, The Country Music Hall of Fame and the Grand Ole Opry. The city offers a wide variety of cultural, educational, and recreational opportunities, including a professional football team and hockey team. The Nashville Metropolitan area is home to ~1.2 million inhabitants.



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