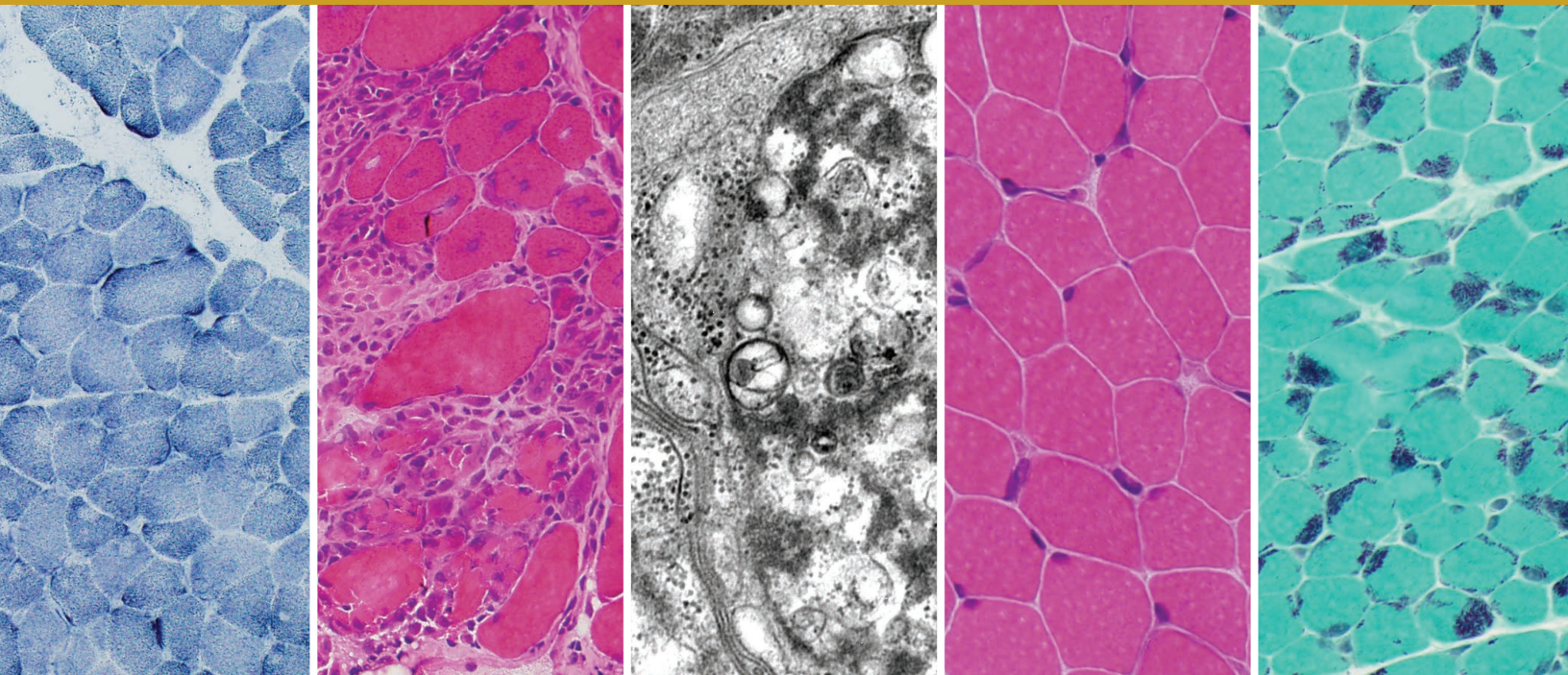


# Pathology Consultative Services



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## Our Consultative Services

### **MISSION:**

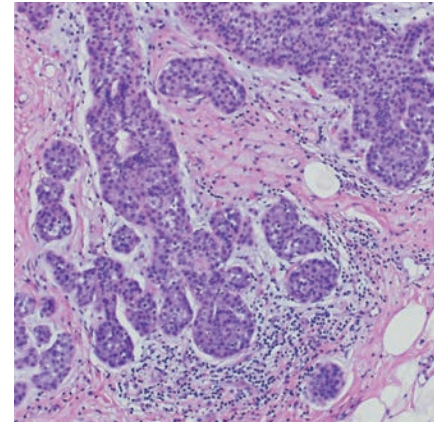
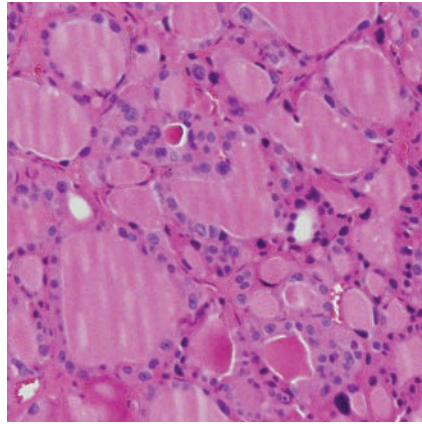
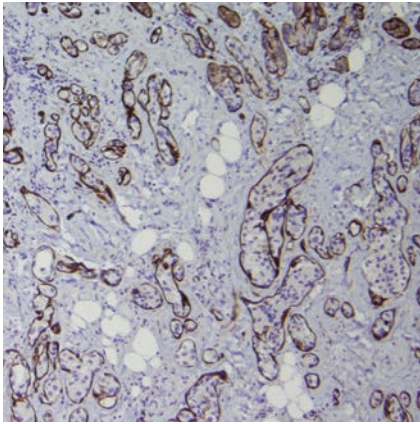
To provide highly specialized Surgical Pathology, Hematopathology and Molecular Pathology focused on cancer diagnostics by offering emerging technologies paired with world class Pathologists.

## Our Consultative Services

### **VISION:**

The MCW Department of Pathology will accelerate the advancement of personalized medicine through innovation, diagnosis, education and support while maintaining our place as one of the most respected academic pathology consultative services in the field.

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## Specialized Services in Anatomic Pathology, Molecular Pathology and Hematopathology

Pathology services are the cornerstone of all treatment decisions and patient management in medicine. It plays a critical role in our health care delivery system. Modern advances in science have expanded the role of the anatomic pathologist and have increased the complexity and sophistication of the field. This increased complexity has mandated the need for sub-specialization in what was otherwise a field dominated by generalists.

The Medical College of Wisconsin Department of Pathology has taken the lead in converting our practice to a strict sub-specialty practice in Pathology. For the past 8 years the department has transitioned to a

complete sub-specialty system for the signout of all pathology specimens. We are the only group in the State of Wisconsin that currently does complete sub-specialty signout in surgical pathology, with all cases being triaged to dedicated groups of specialists who are up-to-date in their respective fields of expertise and provide the highest level of support for the clinical and surgical teams they serve at Froedtert Hospital. The sub-specialty-driven expert sign-out system, coupled with state-of-the-art immunohistochemistry and molecular laboratory, guarantees the highest level of accuracy and consistent quality in diagnosis for the various sub-specialties.



## Pathology Department Services:

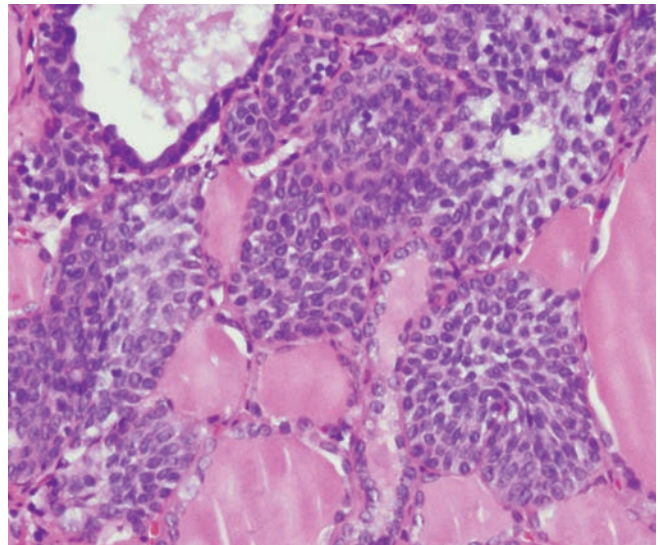
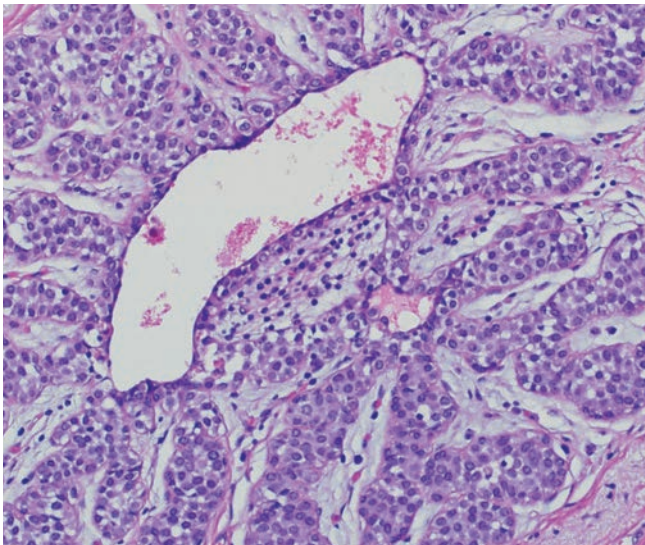
- Complete Anatomic Pathology Diagnostic Services
- Molecular Pathology Services
- Expert Sub-Specialty Consultative Services

## Cases Submitted for Second Opinion– Sub-specialty Consultative Services in Pathology

The Pathology Reference Lab at the Medical College of Wisconsin offers second opinion consultations on surgical pathology, cytopathology, hematopathology and molecular pathology cases. Cases submitted are assigned to one of our 13 sub-specialty teams. Our pathologists are sub-specialty-trained and the majority have completed fellowships in their respective fields at reputable and accredited institutions. Our faculty is comprised of nationally and internationally recognized experts in their fields and sit on editorial boards, are frequent guest speakers at major national and

international meetings, and have published widely in the literature on their respective topics.

The sub-specialty system employed at the Medical College of Wisconsin guarantees that every examined specimen is reviewed by an expert pathologist that is up to date with the latest standards and is closely conversant with the clinical and therapeutic implications of their diagnoses. Our commitment to you is to provide the highest quality of diagnosis with rapid turn-around times and personalized service.



# Pathology Sub-specialties

## Hematopathology:

Our hematopathology division, headed by Dr. Steve Kroft, is staffed by 4 board-certified hematopathologists with a full-range of expertise including: lymph node and spleen histopathology, bone marrow biopsies, flow cytometry, molecular diagnostics, pediatric hematopathology, etc.

The director of service, Dr. Steve Kroft, is a board-certified hematopathologist with over 25 years of experience in the field. He is the author of numerous manuscripts in the topic of hematopathology, the author of the new Armed Forces Institute of Pathology Fascicle on Pathology of the Bone Marrow, and a guest speaker at various national and international pathology meetings.



**Dr. Steven Kroft**

MD, University of Illinois College of Medicine  
Anatomic and Clinical Pathology Residency, Northwestern University  
Hematopathology Fellowship, University of Michigan



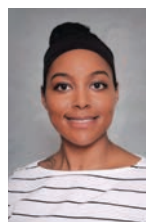
**Dr. John Astle**

MD/PhD, University of Texas (UTSW), Dallas, TX  
Anatomic Pathology Residency, Yale University, New Haven CT  
Hematopathology Fellowship, Yale University, New Haven CT



**Dr. Alexandra Harrington**

MD, Medical College of Wisconsin, Milwaukee, WI  
Fellow, Hematopathology, MCW Affiliated Hospitals, Milwaukee, WI  
Chief Resident, Pathology, MCW Affiliated Hospitals, Milwaukee, WI  
Resident, Anatomic & Clinical Pathology, MCW Affiliated Hospitals, Milwaukee, WI



**Dr. Ashley Cunningham**

MD, Howard University College of Medicine, Washington DC  
Anatomic and Clinical Pathology Residency,  
University of Wisconsin, Madison, WI  
Hematopathology Fellowship, University of Utah, Salt Lake City, UT

# Gynecologic and Breast Pathology:

The gynecologic and breast pathology team is staffed by 4 board-certified pathologists with a combined experience of over 40 years and have contributed to numerous publications. Providing sub-specialty interpretation and analysis of over 10,000 gynecologic and surgical specimens annually. Our breast pathology program provides comprehensive interpretation and analysis utilizing the latest in companion molecular, IHC and FISH studies.



**Dr. Juan Felix**

MD, Cornell University

Anatomic Pathology Residency, The New York Hospital

Fellowship, Obstetrical and Gynecological Pathology  
The New York Hospital-Cornell University



**Dr. Julie Jorns**

MD, Medical College of Wisconsin

Anatomic and Clinical Pathology Residency, University of Michigan

Breast Pathology Fellowship, University of Michigan

Surgical Pathology Fellowship, University of Michigan Cancer Center,  
Houston, Texas



**Dr. Irene Aguilere-Barrantes**

MD, Escuela Autónoma de Ciencias Médicas de Centroamérica,  
San José, Costa Rica

Anatomic and Clinical Pathology Residency

The Ohio State University Medical Center, Columbus, Ohio

Surgical Pathology Fellowship, M.D. Anderson Cancer Center, Houston, Texas



**Dr. Behnaz Behmaram**

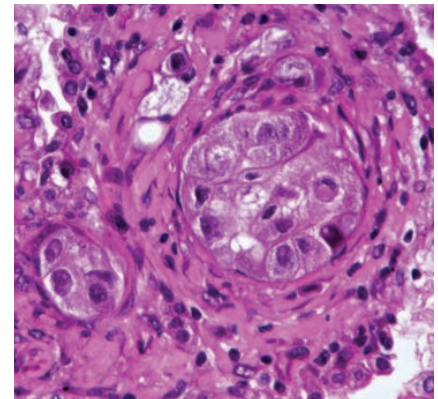
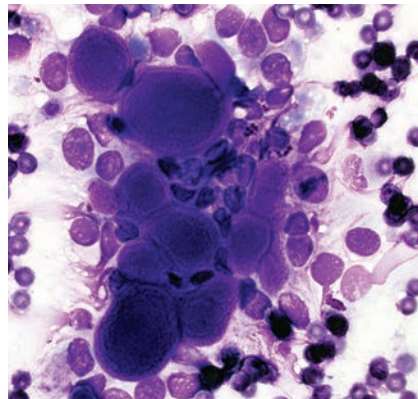
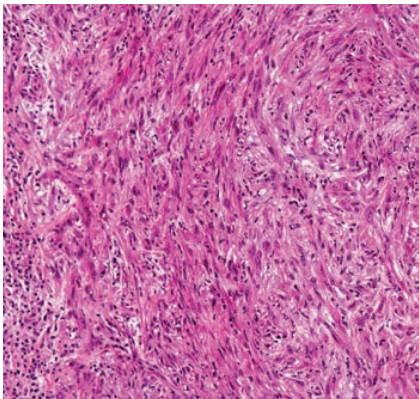
MD, Tehran University Medical School – Tehran, Iran

Residency in Anatomic Pathology,  
SUNY Downstate Kings County Hospital, Brooklyn, NY

Residency in Anatomic & Clinical Pathology, St. Raphael Hospital  
New Haven, CT

Residency in Hematology/Blood Banking,  
University of Connecticut School of Medicine – Farmington

Fellowship in Surgical Pathology, Hartford Hospital – CT





## Thoracic (Pulmonary and Mediastinal), Soft Tissue and Bone Pathology:

The Thoracic / Pulmonary expert consultations are provided by our very experienced team led by our Department Chair. They offer expert opinions on neoplastic and non-plastic lesions from throughout the lung and mediastinum. Utilizing the latest in IHC and molecular testing to include genomic sequencing. Our team can provide a comprehensive review and diagnosis to assist in the treatment of your most complex cases.



**Dr. Saul Suster**

MD, Catholic University of Guayaquil School of Medicine

Residency in Anatomic Pathology,  
University of Tel-Aviv Sackler School of Medicine,  
Chaim Sheba Medical Center, Tel-Aviv, Israel

Resident in Pathology (AP/CP), Mount Sinai Medical Center of Greater Miami  
and University of Miami School of Medicine, Miami, FL

Fellowship in Electron Microscopy,  
University of Tel-Aviv Faculty of Life Sciences, Cancer Research Unit

Fellowship in Research and Surgical Pathology,  
Yale University School of Medicine, New Haven, CT



**Dr. Tamara Giorgadze**

MD, Tbilisi State Medical University, Tbilisi, Georgia

Resident, Oncology, Tbilisi State Medical University, Tbilisi, Georgia

Resident and Chief Resident, Anatomic and Clinical Pathology,  
East Tennessee State University, Johnson City, TN

Fellow, Surgical Pathology, University of Pennsylvania, Philadelphia, PA

Fellow, Cytopathology, University of Pennsylvania, Philadelphia, PA

# Endocrine Pathology:

The endocrine pathology services are led by our Department Chair, Dr. Saul Suster. Our endocrine pathology team is one of the most experienced and well-respected groups in the field of Pathology. This team is responsible for hundreds of publications and are some of the most sought-after speakers on the topic of endocrine pathology in the world.



**Dr. Saul Suster**

MD, Catholic University of Guayaquil School of Medicine

Residency in Anatomic Pathology, University of Tel-Aviv Sackler School of Medicine, Chaim Sheba Medical Center, Tel-Aviv, Israel

Resident in Pathology (AP/CP), Mount Sinai Medical Center of Greater Miami and University of Miami School of Medicine, Miami, FL

Fellowship in Electron Microscopy, University of Tel-Aviv Faculty of Life Sciences, Cancer Research Unit

Fellowship in Research and Surgical Pathology, Yale University School of Medicine, New Haven, CT



**Dr. Tamara Giorgadze**

MD, Tbilisi State Medical University, Tbilisi, Georgia

Resident, Oncology, Tbilisi State Medical University, Tbilisi, Georgia

Resident and Chief Resident, Anatomic and Clinical Pathology, East Tennessee State University, Johnson City, TN

Fellow, Surgical Pathology, University of Pennsylvania, Philadelphia, PA

Fellow, Cytopathology, University of Pennsylvania, Philadelphia, PA



**Dr. Bryan Hunt**

MD, The Chicago Medical School, North Chicago, IL

Anatomic and Clinical Pathology Residency, Cook County Hospital, Chicago, IL

Anatomic and Clinical Pathology Residency, Yale – New Haven Hospital, Yale University School of Medicine, New Haven, CT

Cytopathology Fellowship, Medical College of Wisconsin, Milwaukee, WI

# Neuropathology:

Dr. Elizabeth Cochran leads our neuropathology services. Dr. Cochran has over 50 publications and is a nationally recognized expert in her field. She has received thousands of second opinion consultations.



**Dr. Elizabeth Cochran**

MD, Rush Medical College

Anatomic Pathology Residency, Northwestern University/Northwestern Memorial Hospital, Chicago, IL

Neuropathology Fellowship, Institute of Pathology, Case Western Reserve University, Cleveland, OH

Surgical Pathology Fellowship, Rush University Medical Center, Chicago, IL



**Michael Lawlor, MD, PhD**

MD, PhD (Neuroscience), Loyola University Chicago, Maywood, IL

Resident, Anatomic Pathology, Massachusetts General Hospital/ Harvard Medical School, Boston, MA

Fellow, Neuropathology, Massachusetts General Hospital/ Harvard Medical School, Boston, MA

Research Fellow, Division of Genetics and Program in Genomics, Children's Hospital Boston/ Harvard Medical School, Boston, MA

## Neuromuscular Pathology:

Our Neuromuscular lab is directed by Dr. Lawlor who is one of the most highly respected Neuropathologist in the field. This type of testing offers physicians with objective evidence of a myopathy or neuropathy which is central to treatment of neuromuscular disease. Through advanced technology and accurate diagnostic analysis by experienced dedicated personnel, MCW neuromuscular laboratory plays an important role in detection and monitoring of neuromuscular disease.



**Michael Lawlor, MD, PhD**

MD, PhD (Neuroscience), Loyola University Chicago, Maywood, IL

Resident, Anatomic Pathology, Massachusetts General Hospital/ Harvard Medical School, Boston, MA

Fellow, Neuropathology, Massachusetts General Hospital/ Harvard Medical School, Boston, MA

Research Fellow, Division of Genetics and Program in Genomics, Children's Hospital Boston/ Harvard Medical School, Boston, MA

## Molecular Pathology Services:

Molecular Oncology is a very exciting and encouraging area of Pathology where we are able to assist in the design of treatment plans that are so personalized that they are driven by changes in each individual's DNA. The MCW Pathology Reference Laboratory directed by Dr. Mackinnon utilizes cutting edge molecular laboratory technology designed for the sole purpose of determining the existence of mutations or changes in a patient's DNA. This information can open many doors to more effective treatments and allow access to the latest clinical trials. The MCW Pathology Reference Laboratory provides next generation sequencing for all tumor types providing clinicians with actionable data with industry leading turnaround time and in a very cost effective manor to both the patient and the referring institution.



**Alexander C. Mackinnon, Jr., MD, PhD**

Associate Professor of Pathology; Director, Clinical and Translational Research Core Lab

BA, University of Colorado, Boulder, CO

MS, Northwestern University, Evanston, IL

MD, University of Illinois, Urbana-Champaign, IL

PhD, University of Illinois, Urbana-Champaign, IL

# Dermatopathology:

Our Dermatopathology section is directed by Dr. Olayemi Sokumbi. Dr. Sokumbi is board certified in dermatopathology and has authored numerous abstracts and peer reviewed journal articles. She presents at national and international meetings in the fields of Dermatology and Dermatopathology.



**Dr. Olayemi Sokumbi**

Director of Dermatopathology, Assistant Professor

MD: Mayo Clinic College of Medicine - Rochester, MN

Residency: Dermatology, Mayo Clinic College of Medicine

Fellowship: Dermatopathology, University of Texas Southwestern Medical Center

Board Certified in Dermatology and Dermatopathology

# Cytopathology:

The Cytopathology department has over 50 years of experience. Performing expert consultations in all areas Cytopathology including difficult fine needle aspirations and biopsies from various organs.



**Dr. Tamara Giorgadze**

MD, Tbilisi State Medical University, Tbilisi, Georgia

Resident, Oncology, Tbilisi State Medical University, Tbilisi, Georgia

Resident and Chief Resident, Anatomic and Clinical Pathology,  
East Tennessee State University, Johnson City, TN

Fellow, Surgical Pathology, University of Pennsylvania, Philadelphia, PA

Fellow, Cytopathology, University of Pennsylvania, Philadelphia, PA



**Dr. Bryan Hunt**

MD, The Chicago Medical School, North Chicago, IL

Anatomic and Clinical Pathology Residency, Cook County Hospital, Chicago, IL

Anatomic and Clinical Pathology Residency, Yale – New Haven Hospital,  
Yale University School of Medicine, New Haven, CT

Cytopathology Fellowship, Medical College of Wisconsin, Milwaukee, WI



**Dr. Juan Felix**

MD, Cornell University

Anatomic Pathology Residency, The New York Hospital

Fellowship, Obstetrical and Gynecological Pathology  
The New York Hospital-Cornell University

# Pediatric Pathology:

The Division of Pediatric Pathology at the Medical College of Wisconsin and Children's Hospital of Wisconsin includes seven board-certified faculty with decades of expertise in congenital, developmental, and childhood disorders. Our pediatric pathologists have clinical expertise and research interests in a wide range of areas including pediatric solid tumors, vascular anomalies, placental pathology, pediatric gastrointestinal pathology, pediatric cytopathology, and perinatal and pediatric autopsy.



**Jason Jarzembowski, MD, PhD**

MD, with Research Honors, Medical College of Wisconsin, Milwaukee, WI  
PhD, Molecular and Cellular Pathology, University of Wisconsin, Madison, WI  
Residency, Anatomic & Clinical Pathology, University of Michigan Hospital & Clinics, Ann Arbor, MI  
Fellowship, Pediatric Pathology, St. Louis Children's Hospital & Washington University Medical Center, St. Louis, MO



**Annette Segura, MD, PhD**

MD, University of Illinois Rockford School of Medicine, Rockford, Illinois  
Resident, Pathology, Medical College of Wisconsin, Milwaukee, Wisconsin  
Chief Resident, Pathology, Medical College of Wisconsin, Milwaukee, Wisconsin  
Fellowship, Pediatric Pathology, Medical College of Wisconsin, Milwaukee, Wisconsin



**Michael Lawlor, MD, PhD**

MD, PhD (Neuroscience), Loyola University Chicago, Maywood, IL  
Resident, Anatomic Pathology, Massachusetts General Hospital/ Harvard Medical School, Boston, MA  
Fellow, Neuropathology, Massachusetts General Hospital/ Harvard Medical School, Boston, MA  
Research Fellow, Division of Genetics and Program in Genomics, Children's Hospital Boston/ Harvard Medical School, Boston, MA



**James Southern, MD, PhD**

MD, University of Oklahoma, Oklahoma City, OK  
PhD, Physical Chemistry, University of Arkansas, Fayetteville, AR  
Resident in Pathology, Dartmouth-Hitchcock Medical Center, Hanover, NH  
Assistant Resident in General Surgery, University of Oklahoma Health Sciences, Oklahoma City, OK  
Resident in Pathology, University of Oklahoma Health Sciences Center, Oklahoma City, OK  
Chief Resident in Pathology, University of Oklahoma Health Sciences Center, Oklahoma City, OK  
Chief Resident in Pediatric Pathology, The Children's Hospital, Harvard Medical School, Boston, MA  
Clinical and Research Fellow in Pathology, Massachusetts General Hospital, Boston, MA  
Clinical and Research Fellow (Cardiovascular- Pulmonary Pathology) Public Health Service Award / National Institute of Health Training Grant, Massachusetts General Hospital, Boston, MA  
Research Fellow, Harvard Medical School, Boston, MA



**Mariko Suchi, MD, PhD**

MD, Nagoya City University Medical School, Nagoya, Japan  
PhD, Nagoya City University Medical School, Postgraduate School, Nagoya, Japan  
Resident, Anatomic and Clinical Pathology, University of Michigan Medical Center, Ann Arbor, MI  
Fellow, Pediatrics, Nagoya City University Hospital, Nagoya, Japan  
Postdoctoral Fellow, Pediatrics, Mount Sinai School of Medicine, New York  
Visiting Research Fellow, Molecular Biology, Sloan-Kettering Cancer Center, New York  
Fellow, Pediatrics, Nagoya, City University Hospital, Nagoya, Japan  
Fellow, Pediatric Pathology, The Children's Hospital of Philadelphia, Philadelphia, PA

## Pediatric Pathology (continued)



**Paula North, MD, PhD**

MD, (Faculty Gold Key), University of Arkansas for Medical Sciences, Little Rock, AR

PhD, Molecular Biology, Vanderbilt University, Nashville, TN

Resident in Pathology (Anatomic and Clinical), University of Arkansas for Medical Sciences, School of Medicine, Little Rock, AR

Postdoctoral Fellow, Physiology, Vanderbilt University School of Medicine, Nashville, TN



**Lauren Parsons, MD**

MD, Medical College of Wisconsin, Milwaukee, WI

Residency, Anatomic and Clinical Pathology, Medical College of Wisconsin Affiliated Hospitals, Milwaukee, WI

Fellowship, Pediatric Pathology, Children's Hospital of Wisconsin, Milwaukee, WI

## Gastrointestinal and Liver Pathology:

The GI pathology expert opinions are provided by Drs. Hagen, Hartley and Pant. This team has numerous publications and speak annually at national conferences.



**Dr. Catherine Hagen**

MD, Creighton University School of Medicine, Omaha, NE

Anatomic and Clinical Pathology Residency  
Dartmouth-Hitchcock Medical Center, Lebanon, NH

Gastrointestinal Fellowship  
Massachusetts General Hospital, Boston, MA



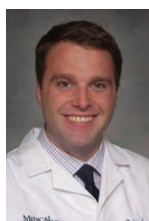
**Dr. Mamta Pant**

MD, Maharani Laxmi Bai Medical College, Jabnsi, UP, India

Anatomic and Clinical Pathology Residency  
University of Kansas Medical Center, Kansas City, Kansas

Anatomic and Clinical Pathology Residency  
University of Illinois at Chicago, Chicago, Illinois

Gastrointestinal/Liver Pathology Fellowship  
Medical College of Wisconsin, Milwaukee, Wisconsin



**Dr. Christopher Hartley**

MD, Wake Forest, Winston-Salem, NC

Anatomic and Clinical Pathology Residency, Medical College of Wisconsin, Milwaukee, WI

Anatomic and Clinical Pathology Residency, Dartmouth-Hitchcock Medical Center, Lebanon, NH

Cytopathology Fellowship, University of Wisconsin Hospital and Clinics, Madison, WI

Liver and Gastrointestinal Pathology Fellowship, Washington University School of Medicine, St. Louis, MO

# Genitourinary Pathology:

Genitourinary pathology focused expert pathology is where Dr. Kenneth Iczkowski has made a name for himself. With over 100 publications and over 1,000 expert second opinion consultations, Dr. Iczkowski provides complete genitourinary pathology to include- adrenal, kidney, bladder, prostate, testis.



**Dr. Kenneth Iczkowski**

MD, St. Louis University School of Medicine, St. Louis, Missouri

Resident in Pathology Dartmouth Hitchcock Medical Center, Lebanon, New Hampshire

Fellow in Anatomic Pathology University of Kansas Medical Center, Kansas City, Kansas

Fellow in Urologic Pathology, Mayo Clinic, Rochester, Minnesota



## General Information and Inquiries:

Please contact our Consultation Services staff to arrange for proper shipping supplies and account set up:

(414) 805-8458 or  
email us at [info@wisconsindiagnostic.com](mailto:info@wisconsindiagnostic.com)

## Specimen Shipping:

WDL Pathology Consultation Services  
9200 W. Wisconsin Ave.  
Milwaukee, WI 53226

You may visit our website below to download a requisition.

[Wisconsindiagnostic.com](http://Wisconsindiagnostic.com)

