

# Pathology

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Department Information	196
Clinical Programs & Services	196
Physician Listing	197
Laboratory Medicine	201
Laboratory Medicine – Clinical Programs & Services	201
Laboratory Medicine – Physician Listing	204

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# Department of Pathology

**Norio Azumi, M.D., Ph.D., Chair**

phone: (202) 687-1702

fax: (202) 687-8934

## LOCATION

Medical Dental Building SW 201  
3900 Reservoir Road, NW  
Washington, DC 20007

## *Clinical Programs & Services*

### Division of Cytopathology

#### Fine Needle Aspiration

**(202) 444-3627**

Provides diagnostic service for all cervical (Pap) smears, effusions, body fluids, urine, cerebrospinal fluid and fine-needle aspirations (FNA). FNA biopsy is performed in the FNA clinic (located on the ground floor of the Lombardi Comprehensive Cancer Center building) by board-certified cytopathologists.

**Contact name:** Mary Sidawy, M.D.

**Appointment line:** (202) 444-3627

**Appointment hours:** Monday – Friday, 9:00 a.m. – 4:00 p.m.

**Nights & weekends phone:** (202) 444-7243 (page operator)

### Division of Diagnostic Surgical Pathology

**(202) 444-3620**

Provides diagnostic service for all surgical specimens, endoscopies and biopsies. This service is available to the Georgetown University Hospital and the community.

**Contact name:** Pedro DeBrito, M.D.

**Nights & weekends phone:** (202) 444-7243 (page operator)

*Clinical Programs & Services, continued***Electron Microscopy** (202) 687-1284

Ultrastructural analysis to diagnose renal disease, cancer and infectious disease.

**Contact name:** Bhaskar Kallakury, M.D.

**Appointment hours:** Call for availability.

**Molecular Diagnostics Laboratory** (202) 687-1339

A comprehensive diagnostic laboratory that provides molecular-based tests for cancer, infectious disease, and genetics. Tests include flow cytometry, immunohistochemistry, DNA hybridization, estrogen/progesterone receptors, DNA analysis of solid tumors, PCR and RT-PCR analysis of gene rearrangement and translocation, and computer-assisted image analysis.

**Contact name:** Dan-Paul Hartman, Ph.D.

**Appointment hours:** Call for availability.

*Physician Listing***Norio Azumi, M.D., Ph.D.** (202) 687-1702

**Pager:** (202) 405-2842

**Title:** Professor and Chair, Department of Pathology

**Degree:** Hokkaido University, Japan, M.D., 1973; Hokkaido University, Japan, Ph.D., 1982

**Residency:** Sinai Hospital, 1979; Stanford University, 1981

**Fellowship:** Stanford University, 1981

**Certification:** Anatomic Pathology, 1979

**Language:** Japanese

**Special interests:**

- Computerized image analysis, telepathology and automated pathology
- Monoclonal antibody analysis of human tumor markers

**Pedro DeBrito, M.D.** (202) 687-1174

**Pager:** (202) 405-2830

**Title:** Associate Professor, Department of Pathology; Director, Cytopathology and Surgical Pathology

**Degree:** Federal University of Bahia, School of Medicine, Brazil, 1979

**Residency:** George Washington University Medical Center, 1989

**Fellowship:** George Washington University Medical Center, 1990

**Certification:** Anatomic and Clinical Pathology, 1990; Cytopathology, 1994

**Languages:** Portuguese, Spanish

**Special interests:**

- Fine-needle aspiration
- Cytopathology
- Surgical pathology

*Physician Listing, continued*

**Mary Furlong, M.D.**

**(202) 784-3636**

**Pager: (202) 405-2864**

Title: Associate Professor, Residency Program Director, Sophomore Course Director, Clerkship Co-Director, Department of Pathology  
Degree: Georgetown University School of Medicine, 1995  
Residency: Georgetown University Hospital, 2000  
Fellowship: Surgical Pathology, Georgetown University Hospital (1999–2000); Soft Tissue Pathology, Armed Forces Institute of Pathology, 2001  
Certification: Anatomic and Clinical Pathology, 2000  
*Special interests:*

- Surgical pathology and soft tissue pathology
- Medical education

**David F. Garvin, M.D.**

**(202) 444-2592**

**Pager: (202) 405-3658**

Title: Professor, Department of Pathology; Chief, Division of Laboratory Medicine; Program Director, Pathology Training; Director, 4th-Year Pathology Elective; Interim Director, Autopsy Service  
Degree: Boston University, 1965  
Internship: U.S. Navy, Chelsea, Massachusetts, 1966  
Residency: U.S. Navy, St. Albans, New York, 1970  
Certification: Anatomic and Clinical Pathology, 1971  
*Special interests:*

- Hematology/administration
- Splenic pathology

**Dan-Paul Hartmann, Ph.D.**

**(202) 687-1669**

**Pager: (202) 405-3273**

Title: Professor, Department of Pathology, Scientific Director, Molecular Diagnostics Laboratory Adjunct Professor, Department of Biochemistry and Molecular Biology & Cellular Biology  
Degree: McGill University, Ph.D., Montreal, Canada, 1976; Queen's University, M.Sc., Kingston, Canada, 1973; McGill University, B.Sc., Montreal Canada, 1971  
Fellowship: Post-doctoral fellow, Macdonald College, 1977  
Certification: Flow cytometry, Immunohistochemistry, FISH  
Languages: French, Hungarian, Romanian, Hebrew  
*Special interests:*

- Molecular pathology
- Cancer research and therapy

*Physician Listing, continued***Bhaskar Kallakury, M.D.****(202) 687-3444****Pager: (202) 405-3613**

**Title:** Professor, Department of Pathology; Director of Electron Microscopy and Renal Pathology; Medical Director of MDL, Director, Histopathology and Tissue Shared Resource, Lombardi Comprehensive Cancer Center

**Degree:** Osmania Medical College, Osmania University, India, 1982

**Internship:** Osmania General Hospital, India, 1983

**Residency:** P.G.I.M.E.R., India, 1987; Albany Medical Center Hospital, NY, 1995

**Fellowship:** Samuel S. Stratton VA Medical Center, 1991; Albany Medical Center Hospital, 1995; Georgetown University Medical Center, 1999

**Certification:** Anatomic and Clinical Pathology, 1996; Hematopathology, 2000

**Languages:** Hindi, Telugu

*Special interests:*

- Electron microscopy and molecular diagnostics
- Hematopathology
- Renal pathology
- Transplant pathology
- Liver pathology
- Prostate cancer prognosis

**Metin Ozdemirli, M.D., Ph.D.****(202) 687-6205****Pager: (202) 405-2861**

**Title:** Associate Professor, Department of Pathology; Director of Hematology Laboratory

**Degree:** Istanbul University, Turkey, M.D., 1988; Boston University School of Medicine, Ph.D., 1993

**Residency:** Massachusetts General Hospital/Harvard Medical School, 1995

**Fellowship:** Georgetown University Medical Center, 1997

**Certification:** Anatomic Pathology, 1996; Hematopathology, 2001

**Language:** Turkish

*Special interests:*

- Hematopathology
- Molecular diagnostics

## PATHOLOGY

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### *Physician Listing, continued*

**Mary K. Sidawy, M.D.**

**(202) 687-8053**

**Pager: (202) 405-2827**

Title: Professor, Department of Pathology; Chief of Anatomic Pathology

Degree: Aleppo University School of Medicine, Aleppo, Syria, 1978

Residency: American University of Beirut, Lebanon, 1979;  
George Washington University, 1983; Boston University Medical  
Center, Mallory Institute of Pathology, 1984

Fellowship: George Washington University, 1985

Internship: George Washington University, 1986

Certification: Pathology-Anatomic and Clinical Pathology, 1986;  
Pathology-Cytopathology, 1989

*Special interests:*

- Anatomic pathology
- Cytopathology

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# Division of Laboratory Medicine

**David F. Garvin, M.D., Chief**

phone: (202) 444-2592

fax: (202) 444-6473

## LOCATION

Main Hospital Building, 1st Floor  
3800 Reservoir Road, NW  
Washington, DC 20007

## *Clinical Programs & Services*

### Blood Bank

(202) 444-3521

This laboratory prepares blood products for transfusions, performs transfusion-related serological testing, and conducts studies of adverse transfusion reactions.

**Contact name:** S. Gerald Sandler, M.D., Director

**Appointment line:** (202) 444-3521

**Appointment hours:** 24 hours a day, 7 days a week.

### Blood Donor Service

(202) 444-5425

This service assists patients in scheduling the collection of their blood for transfusion (autologous/self donors) or from their friends and family members (directed donors), as an alternative to standard blood units from Red Cross volunteers.

**Contact name:** S. Gerald Sandler, M.D., Director; Simone Schofer, Coordinator

**Appointment line:** (202) 444-5425

**Appointment hours:** Monday – Friday, 8:30 a.m. – 5:30 p.m.

### Clinical Chemistry Laboratory

(202) 444-3595

Professional and technical staff members provide chemical analyses on serum, urine and other body specimens, employing highly automated, modern and computerized equipment. The range of measurements and examinations includes all usual and “special” chemistry procedures supporting preventive medicine, diagnosis and therapy for ambulatory and hospitalized patients.

**Contact name:** David F. Garvin, M.D.

**Appointment line:** (202) 444-3595

**Appointment hours:** 24 hours a day, 7 days a week.

## LABORATORY MEDICINE

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### *Clinical Programs & Services, continued*

#### **Clinical Coagulation Laboratory** (202) 444-4829

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This laboratory provides consultations and diagnostic studies related to the problems of hemorrhage and thrombosis. In addition to regular studies, the laboratory is capable of assaying for all coagulation factors, factor inhibitors, platelet function tests, and antithrombin III. The focus of recently introduced tests is on laboratory evaluation of hypercoagulability (thrombophilia).

Close coordination between laboratory personnel and the director permits clinicopathological correlation.

**Contact name:** Craig Kessler, M.D.

**Appointment line:** (202) 444-3541

**Appointment hours:** Monday – Friday, 8:30 a.m. – 5:00 p.m.

#### **Clinical Hematology Laboratory** (202) 444-8736

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Comprehensive evaluation, consultation and diagnosis of a variety of hematologic diseases is provided, including patients with anemias and leukemias. Interpretation of bone marrows involves an integrated approach of morphology, cytochemistry, histology, immunophenotypic analysis (flow cytometry and immunohistochemistry), and molecular genetic studies (PCR of gene rearrangements and chromosomal translocations).

**Contact name:** Metin Ozdemirli, M.D., Ph.D.

**Appointment line:** (202) 444-8736

**Appointment hours:** 24 hours a day, 7 days a week.

#### **Clinical Immunology Laboratory** (202) 444-3556

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The Clinical Immunology Laboratory performs diagnostic tests for the evaluation of diseases including immune deficiency diseases of humoral and cell-mediated immunity. Quantitative determinations of total immunoglobulin levels, specific antibody responses, i.e., HIV, hepatitis, CMV and lymphocyte immunophenotyping, by flow cytometry are performed. Clinical specimen testing for autoimmune diseases, rheumatoid disorders, and allergic disorders are sent to Georgetown University Hospital-affiliated reference laboratories.

**Contact name:** Stephen M. Peters, M.S., Ph.D.

**Appointment line:** (202) 444-3556

**Appointment hours:** Monday – Friday, 7:30 a.m. – 4:00 p.m.

*Clinical Programs & Services, continued***Clinical Microbiology Laboratory** (202) 444-3570

The Clinical Microbiology Laboratory provides comprehensive patient care, testing of clinical specimens which are processed for isolation, recognition, and identification; antimicrobial sensitivity patterns are performed to ensure proper antibiotic usage in clinical practice. Species identification of mycobacteria, viruses, fungi, and parasites are performed in Georgetown University-affiliated reference laboratories. The laboratory also participates in epidemiological studies of nosocomial infections, the identification of human disease carrier states and in-hospital environmental surveillance.

**Contact name:** Stephen M. Peters, M.S., Ph.D.

**Appointment line:** (202) 444-3570

**Appointment hours:** Monday – Friday, 7:00 a.m. – 9:00 p.m.; Saturday – Sunday, 7:00 a.m. – 6:00 p.m.

**Histocompatibility (HLA) Laboratory – Serology and Tissue Typing (DNA)** (202) 444-3550

The HLA Laboratory provides support for the Hospital's solid organ (liver and kidney) and bone marrow transplant programs and provides HLA DNA typing services to other bone marrow transplant programs in the DC area. It also serves as a reference laboratory for HLA high resolution typing and DNA-based disease association studies to other testing centers from around the country. The laboratory utilizes the full range of serologic, molecular, flow cytometric, and ELISA-based techniques for HLA typing, crossmatching, and HLA antibody identification.

**Contact name:** Sandra Rosen-Bronson, Ph.D.

**Tissue Typing Lab (DNA) Phone:** (202) 784-2909

**Serology Phone:** (202) 444-3550

**Appointment hours:** Monday – Friday, 7:30 a.m. – 6:00 p.m.; Emergency on-call services available through the page operator (202) 444-PAGE (7243).

**Molecular Diagnostics Laboratory** (202) 444-3539

The Molecular Diagnostics Laboratory employs polymerase chain reaction (PCR) technology to detect infectious diseases, and gene mutations for hemostasis disorders. These include HSV I and II, EBV, CMV, Parvovirus B19, Factor V Leiden, MTHFR, Factor II (Prothrombin gene), and Hereditary Hemochromatosis, respectively. Viral load testing to monitor the quantitative degree of viremia is available for HIV-I, CMV and Hepatitis C.

**Contact name:** Stephen M. Peters, M.S., Ph.D.

**Appointment line:** (202) 444-3539

**Appointment hours:** Daily, 7:30 a.m. – 3:30 p.m.

*Physician Listing*

**BLOOD BANK/BLOOD DONOR SERVICE**

**S. Gerald Sandler, M.D.**

**(202) 444-8520**

**Pager: (202) 405-2832**

Title: Professor and Director, Transfusion Medicine, Division of Hematology/Oncology, Departments of Medicine and Pathology

Degree: NYU School of Medicine, 1962

Internship: NYU/Bellevue Medical Center, 1963

Residency: NYU/Bellevue Medical Center, 1964

Fellowship: National Cancer Institute, NIH, 1966;  
NYU Bellevue Medical Center, 1968

Certification: Internal Medicine, 1970; Pathology (Blood Bank), 1979

Language: Hebrew

*Special interests:*

- Transfusion medicine
- ITP (Idiopathic Thrombocytopenic Purpura)

**CELL PROCESSING**

**Sandra Rosen-Bronson, Ph.D.**

**(202) 687-8924**

Title: Assistant Professor, Departments of Pediatrics and Pathology

Degree: University of Vermont, M.S., 1978;  
George Washington University, Ph.D., 1985

Fellowship: National Institute of Allergy and Infectious Diseases, NIH, 1988

Certification: Histocompatibility and Immunogenetics, 1996

*Special interests:*

- Histocompatibility
- Immunogenetics
- Transplant immunology

**CLINICAL CHEMISTRY**

**David F. Garvin, M.D.**

**(202) 444-2592**

**Pager: (202) 405-3658**

Title: Professor, Department of Pathology; Chief, Division of Laboratory Medicine; Program Director, Pathology Training; Director, 4th-Year Pathology Elective; Interim Director, Autopsy Service

Degree: Boston University, 1965

Internship: U.S. Navy, Chelsea, Massachusetts, 1966

Residency: U.S. Navy, St. Albans, New York, 1970

Certification: Anatomic and Clinical Pathology, 1971

*Special interests:*

- Hematology/administration
- Splenic pathology

*Physician Listing, continued***COAGULATION****Craig M. Kessler, M.D.****(202) 444-4829****Pager: (202) 405-2294**

**Title:** Professor, Departments of Medicine and Pathology, Division of Hematology/Oncology; Director, Coagulation Laboratory; Division of Laboratory Medicine, Department of Pathology

**Degree:** Tulane University, 1973

**Internship:** Ochsner Foundation Hospital, New Orleans, 1974

**Residency:** Ochsner Foundation Hospital, New Orleans, 1976

**Fellowship:** Hematology, Johns Hopkins Hospital, 1978

**Certification:** Internal Medicine, 1976; Hematology, 1980

**Language:** French

*Special interests:*

- Anemias
- Bleeding disorders
- Coagulation and platelet disorders
- Hematologic malignancies
- Myeloproliferative diseases
- Thrombophilias; hemophiliias
- Treatment of hematologic diseases

**HEMATOLOGY****Metin Ozdemirli, M.D., Ph.D.****(202) 687-6205****Pager: (202) 405-2861**

**Title:** Associate Professor, Department of Pathology; Director, Hematology Laboratory

**Degree:** Istanbul University, Turkey, M.D., 1988; Boston University School of Medicine, Ph.D., 1993

**Residency:** Massachusetts General Hospital/Harvard Medical School, 1995

**Fellowship:** Georgetown University Medical Center, 1997

**Certification:** Anatomic Pathology, 1996; Hematopathology, 2001

**Language:** Turkish

*Special interests:*

- Hematopathology
- Molecular diagnostics

*Physician Listing, continued*

**IMMUNOHISTOCOMPATIBILITY**

**Sandra Rosen-Bronson, Ph.D.** **(202) 687-8924**

Title: Assistant Professor, Departments of Pediatrics and Pathology

Degree: University of Vermont, M.S., 1978;  
George Washington University, Ph.D., 1985

Fellowship: National Institute of Allergy and Infectious Diseases, NIH, 1988

Certification: Histocompatibility and Immunogenetics, 1996

*Special interests:*

- Histocompatibility
- Immunogenetics
- Transplant immunology

**MICROBIOLOGY/IMMUNOLOGY**

**Stephen M. Peters, M.S., Ph.D.** **(202) 444-3546**

**Pager: (202) 405-3927**

Title: Professor, Departments of Pediatrics, Pathology, Microbiology and Immunology; Director, Division of Infectious Diseases and Clinical Immunology, Department of Laboratory Medicine

Degree: Georgetown University, M.S., 1973;  
George Washington University, Ph.D., 1977

Fellowship: National Institutes of Health, 1978

Certification: Public Health and Medical Laboratory Microbiology, 1978

*Special interests:*

- Molecular diagnostics
- Host-antimicrobial immunity
- Immunologic-mediated disease