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**THE METHODIST HOSPITAL**  
Department of Pathology and Genomic Medicine  
***Histocompatibility and Transplant Immunology Pathology Fellowship***

**Description:** The Methodist Hospital in Houston, Texas, an affiliate of the Weill Cornell Medical College of Cornell University, offers an ACGME-accredited histocompatibility and transplant immunology (HLA) fellowship for physicians who have completed pathology specialty training and are interested in pursuing a career in HLA laboratory management and related research. Located in the heart of the Texas Medical Center, The Methodist Hospital is a 950-bed private adult teaching hospital with a 1.6 million square foot outpatient center that registers over 310,000 annual outpatient visits. The hospital offers a full range of services from primary to tertiary care, including a multi-organ transplant center and cancer center.

Two two-year fellowship positions are available each academic year under the directorship of Geoffrey Land, PhD, HCLD, and David Bernard, MD, PhD. The Methodist Transplant Center is one of the Nation's largest and normally performs approximately 300 transplant procedures annually, including heart, lung, liver, kidney, pancreas and multi-organ. Fellows will study proper testing procedures (component collection and processing) of HLA gene products, donor screening, methodology, and clinical correlation of testing. Tests include ABO grouping, HLA typing, antibody screen, lymphocyte crossmatch (compatibility), and PRA determination. Major equipment in the HLA laboratory includes two Luminex xMAP systems. The program includes rotations in transfusion medicine, hematopathology/flow cytometry, and immunology/serology. There is also a rotation at The University of Texas M.D. Anderson Cancer Center (MDACC) that focuses on bone marrow/stem cell transplantation, allele and haplotype frequency determinations, and molecular testing.

Training in laboratory management and information systems is included in all rotations of the program. Scholarly activity in the form of a research project to be completed under staff supervision for publication is a requirement. Fellows are responsible for the HLA case conference and HLA journal club/research conference at The Methodist Hospital and MDACC, and have the opportunity to attend various pathology conferences, along with other residents and fellows in the program. Fellows are expected to successfully pass the ABHI board examination for histocompatibility directors after completion of the two-year fellowship program.

The program is supervised by two ABHI certified immunologists and five pathologists with certification in subspecialty areas including molecular genetic pathology, transfusion medicine, and hematopathology.

**Requirements:** Candidates must be board certified or board eligible in clinical pathology, anatomic pathology or anatomic/clinical pathology. Candidates must hold or be eligible for a Texas Physician In Training Permit or Licensure.

**Stipends:** Commensurate with level of post-graduate training.

**Applications:** Deadline for application is December 31st of the year prior to the intended fellowship year which begins July 1st. Application inquiries are to be directed to: Geoffrey Land, PhD, HCLD, Director, HLA, The Methodist Hospital, Department of Pathology and Genomic Medicine, 6565 Fannin Street, M227, Houston, TX 77030

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