

Institution	Accreditation Status	Date Updated
The Methodist Hospital Department of Pathology and Genomic Medicine 6565 Fannin St., M227 Houston, TX 77030 David W. Bernard, MD, PhD dwbernard@tmhs.org Tel: 713-441-2985 Fax: 713-441-3489	ACGME	September 2011

The Methodist Hospital Department of Pathology and Genomic Medicine

Description of Program:

The Molecular Diagnostics Laboratory at The Methodist Hospital processes more than 12,000 molecular assays per year (infectious diseases, genetics, and oncology), and the test volume continues to grow at a rate of more than 25% over the last 3 years. The laboratory has state-of-the-art instrumentation for manual and automated DNA extraction, PCR and real-time PCR assays, non-PCR molecular assays, microarrays, targeted gene sequencing, and whole genome sequencing.

Trainees benefit from rotations in a well-recognized institutions within the Texas Medical Center, such as the medical genetics program at The University of Texas Health Science Center at Houston, which houses premier genetics counseling training programs, the molecular oncology program at The University of Texas M.D. Anderson Cancer Center and cytogenetics at the Medical Genetics Laboratory at Baylor College of Medicine.

Basic and advanced training is complemented by research opportunities and unique elective experiences in areas emerging as future challenges in the practice of molecular pathology, such as advanced molecular microbiology, molecular neuropathology, molecular imaging, bioinformatics and hematopathology. Fellows interested in further basic research experience will have a wide variety of choices within The Methodist Hospital Research Institute. It is anticipated that an area of research interest will be identified early in the fellowship and that one or more clinical research projects will be completed during the training.

Training in laboratory management, information systems, and quality assurance is included in the program. Fellows are also responsible for several case conferences. The program faculty includes two pathologists with subspecialty certification in molecular genetic pathology, and four board certified medical geneticists.

Program Website: www.methodisthealth.com

Requirements: Candidates must be board-certified or board-eligible in clinical pathology, anatomic/clinical pathology or medical genetics. Candidates must hold or be eligible for a Texas Physician In Training permit or licensure.

Length of Program: One year

Application Deadline: December 31 of the year prior to the intended fellowship year which begins July 1

Visas Accepted: H1B/J1

Faculty/Key Staff:

David Bernard, MD, PhD

James Musser, MD, PhD

Randall Olsen, MD, PhD

Hidehiro Takei, MD

Ping Wang, PhD

Youli Zu, MD, PhD

Hope Northrup, MD

