T32 TRAINING GRANT IN THROMBOSIS AND INFLAMMATION

Baylor College of Medicine

Houston, Texas

The Center for Translational Research on Inflammatory Diseases

Postdoctoral Fellowship

About Our Program

The goal of our NIH/NHLBI T32 training grant, **Collaborative Research Training in Thrombosis and Inflammation**, is to train MD, MD/PhD, and PhD postdoctoral scientists for collaborative research careers in two inter-related topics: thrombosis and inflammation. There is increasing evidence of a direct relationship between thrombosis and inflammation in numerous human diseases. As examples, inflammation contributes to the pathogenesis of thrombotic disorders such as stroke and coronary artery disease, while thrombosis influences disease severity in conditions associated with inflammation including sepsis, autoimmune diseases and cancer. While thrombosis and inflammation often coexist, to our knowledge, this is the only T32 program in the nation focused specifically on both processes.

Why CTRID?

The major strengths of our program include:

- A cohesive and highly collaborative group of successful mentors with research expertise in relevant topics for our program, including: platelets, neutrophils, microvascular thrombosis, stroke, cancer, sepsis, inflammatory conditions in kidney, lung, and bone, among others
- A unique combined curriculum with shared didactic and clinically oriented training for physician and non-physician trainees
- A continuously thriving research center committed to mentoring, including a weekly seminar series that consists of > 60% speakers with scientific interests aligned with the themes of this T32

WHO WE ARE

The Center for Translational Research on Inflammatory Diseases (CTRID) at Michael E. DeBakey VA Medical Center (MEDVAMC) is composed of Baylor College of Medicine researchers based at MEDVAMC. One of the goals of CTRID is to foster mentoring of early career investigators, including medical and graduate students, medical residents, post-doc fellows and early stage faculty members.

WEBSITE

https://www.bcm.edu/ctrid

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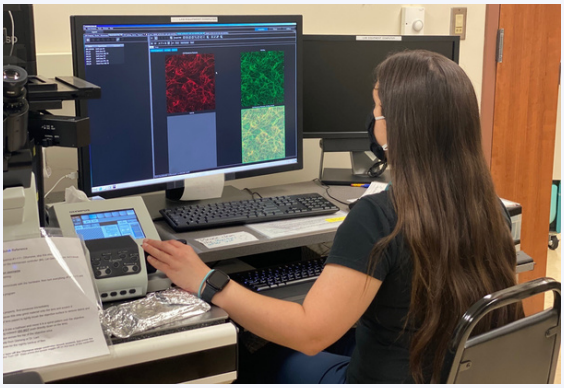
About Our Faculty

Trainees have the opportunity to train with an outstanding multidisciplinary group of faculty, from 5 academic departments at BCM, who share a collective focus on the mechanistic understanding of disorders involving thrombosis and inflammation. The training faculty have well-funded research programs that span from basic science to animal models of disease, to clinical research. Graduates of this program will be strongly poised to transfer insights from the laboratory bench to the bedside and will be well-prepared for independent research careers. Senior faculty members in CTRID have a strong record of mentoring trainees toward obtaining career development awards from the NIH, VA, and major foundations as well as independent investigator awards (i.e., NIH R01, VA Merit Review Award, etc.).

In addition to training physician-scientists in biomedical research, PhD scientists will be trained in translational medicine offering a direct interaction with patients with clinical conditions related to the focus of this T32. PhD trainees will be paired with physician trainees during these clinical practicums; this collaborative aspect of the program will teach PhD postdoctoral fellows the clinical relevance of biomedical research and the benefits of bi-directional collaboration between PhD and MD scientists.



Eligibility Requirements

NIH T32 requires that trainees must be citizens or a noncitizen national of the United States or have been lawfully admitted for permanent residence by training appointment date.

Postdoctoral Appointments

The program appoints two physician-scientist (MD and/or MD/PhD) and two PhD scientist trainees, preferably for two-year appointments.

Center For Translational Research on Inflammatory Diseases (CTRID)
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