

Call for Application for the CPRIT BIG-TCR Postdoctoral Fellowship in Cancer Research

Dear postdoctoral trainees and colleagues:

UTHealth has been generously awarded a CPRIT research training grant entitled “Biomedical Informatics, Genomics and Translational Cancer Research Training Program (BIG-TCR)”. The postdoctoral fellowship application is now open for calendar year 2025. Our mission is to provide a highly interactive, innovative, and interdisciplinary training environment to train the next-generation researchers and leaders in the field of cancer research, by leveraging UTHealth’s top research programs in cancer biology, stem cell biology, pharmacology and drug discovery, genomics and other omics, data science and artificial intelligence, clinical informatics, and translational medicine.

Eligibility:

To apply to this fellowship, applicants must:

- be citizens or permanent residents of the United States, or international trainees holding a valid visa for the duration of the fellowship in the UTHealth;
- live and work in Texas during the fellowship period;
- have already earned a doctorate degree when the program starts, in the fields of informatics, quantitative, biological, or translational sciences, or the related fields, and have a strong interest in cancer research;
- conduct their BIG-TCR research in a UTHealth affiliated laboratory.

Program benefits and duration:

- NIH standard postdoctoral salary (first year) and other benefits (e.g. health insurance, retirement, etc.);
- \$2,000 travel expenses for presentations at national meetings;
- BIG-TCR postdoctoral fellows will be appointed for one year with the possibility of renewal, pending evaluation of research progress and active engagement in the BIG-TCR Training Program.

BIG-TCR mentorship:

- To meet the interdisciplinary competency of BIG-TCR training program, applicants supervised by current primary mentor must find another mentor from their complementary fields (for example, trainees in the TCR area needs to find a co-mentor in the BIG area, and *vice versa*);
- Primary mentors must be tenured/tenure-track faculty affiliated with UTHealth;
- In principle, each faculty can serve as the primary mentor of one CPRIT postdoctoral fellow during the announcement cycle, but can be named in multiple applications.

Please visit our website <https://www.uth.edu/big-tcr/index.htm> for more information about our BIG-TCR training program. Application form can be found at the BIG-TCR Postdoctoral Training Program page (“How to Apply” section). **All application materials, including application form, *curriculum vitae*, letters of recommendations and academic transcripts must be sent to BIG.TCR@uth.tmc.edu before 11:59 pm of October 31, 2025.** The selected candidates will be notified of their interview schedule in **5 to 10 business days following the submission deadline**. Both primary and co-mentors are welcome to participate in their trainees’ interview. Please contact BIG.TCR@uth.tmc.edu if you have any additional questions.

You may use Microsoft Word to prepare the application materials, but all materials sent to the BIG-TCR email must be in PDF format. Please share and spread this program announcement to your colleagues and potential candidates.