

The Department of Surgery at the University of Texas Health Science Center at Houston (UTHealth) has an immediate opening for a Postdoctoral Research Fellow to conduct research in tissue injury/inflammation and repair in gastrointestinal tract, with respect to signal transduction of TGF-beta superfamily and other related pathways. As a postdoctoral fellow, you will develop both scholastic and technical research skills necessary to become an independent researcher.

MAJOR DUTIES:

- Review scientific literature to define specific problems and possible solutions.
- Establish novel methods to test scientific problems.
- Perform experimental models related to small animal handling and manipulation, collection of animal tissue samples and analysis.
- Perform cell culture and relevant in vitro assays.
- Perform molecular and cellular biology assays, such as DNA, RNA and protein isolation, Western blotting, real-time PCR, plasmid transfection, transcription reporter assays, immunofluorescence and immunohistochemistry assays, and flow cytometry.
- Use cutting-edge computer software to compile, analyze, and evaluate data.
- Draft manuscripts for submission to peer-reviewed journals.
- Present data in both regional and national scientific meetings.
- Doctorate degree in Basic Science or Medical Science.

To apply, please send a current resume/CV and the names and contact information of three references to:

UT Health Science Center at Houston
6431 Fannin St. MSB 4.608
Houston, Texas 77030
ATTN: Dr. Yanna Cao
E-mail: Yanna.Cao@uth.tmc.edu

UTHealth is committed to providing equal opportunity in all employment-related activities without regard to race, color, religion, sex, sexual orientation, national origin, age, disability, genetic information, gender identity or expression, veteran status or any other basis prohibited by law or university policy. Reasonable accommodation, based on disability or religious observances, will be considered in accordance with applicable law and UTHealth policy. The University maintains affirmative action programs with respect to women, minorities, individuals with disabilities, and eligible veterans in accordance with applicable law.