

March 2024

University of Texas Health Science Center at Houston (UTHealth)

Postdoctoral Fellow

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A postdoctoral position to study cancer cachexia

A Postdoctoral Fellow position funded by NIH is available immediately in Dr. Yi-Ping Li's lab in the Dept. of Integrative Biology and Pharmacology, at the University of Texas Health Science Center at Houston (UTHealth). Prospective candidates will join a research team to study the molecular mechanism of cancer cachexia, a wasting syndrome characterized by progressive loss of muscle mass and function seen in half of all cancer patients, and a major cause of cancer-related death. NIH has issued several Provocative Questions in recent years soliciting research to address this understudied disorder. Utilizing cell and molecular biological approaches, Dr. Li's team has made significant progress recently in uncovering the signaling mechanisms of cancer cachexia using cell culture and animal models (*DOI: 10.1038/s41467-017-00726-x*|www.nature.com/naturecommunications, doi.org/10.1053/j.gastro.2018.10.026 and doi.org/10.1073/pnas.2200215119). The funded projects seek to extend the understanding of the molecular mechanisms of cancer cachexia that inflicts skeletal and cardiac muscles, as well as fat tissues, and to translate preclinical findings to clinical interventions of cancer cachexia. Highly motivated individuals with recent Ph.D. and strong background in cell biology, molecular biology and muscle physiology are encouraged to apply. Salary is based on NIH scale. Interested individuals should send CV and cover letter to Dr. Yi-Ping Li via e-mail: yi-ping.li@uth.tmc.edu. For more information about the laboratory see <https://med.uth.edu/ibp/faculty/yi-ping-li-phd/>.