

Positions in Dr. Xiaohu Tang's Lab

The Laboratory of Cancer Metabolism and Functional Genomics, headed by Dr. Xiaohu Tang in the Department of Biological Sciences at Michigan Tech University, is looking for highly motivated, creative students or scholars to join the team.

The focus of the lab is to characterize the regulation of cell metabolism and to determine the role of nutrients during cancer initiation and progression. Recent studies from the lab revealed that targeting nutrient intake or cellular metabolism could be an effective therapeutic strategy for advanced tumor therapy. In this perspective, we are aiming to understand the underlying mechanisms and pursue alternative and feasible means to apply on patients. In addition, understanding of diet-cancer interactions could establish a strategy for long-term cancer prevention.

One graduate student will be supported by fellowship with GTA duties. The candidate will also need to co-manage the lab and co-supervise undergraduate research assistants with me. Previous research experience with molecular and cell biology or cancer research with a master degree is preferred.

One master student with lab research experience will also be considered. Undergraduate students are welcome to inquire. Visiting scholars with support and an interest in cancer metabolism are particularly encouraged to apply.

Successful candidates will be under the direct supervision of Dr. Tang. Working in the team of Dr. Tang will offer the candidates opportunity to acquire experience in molecular and cellular biology, omics analysis and functional nutrigenetic screen. Please contact xiaohut@mtu.edu for more information.