

Postdoctoral position in Cancer Genomics, Precision Oncology, and Liquid Biopsy

Sidney Kimmel Comprehensive Cancer Center, Thomas Jefferson University

Post-Doc position REQ-0017816

The Yang Lab focuses on liquid biopsy research and longitudinal monitoring of cancer progression. The Yang lab is seeking a highly motivated candidate with a background in molecular/cellular biology/cancer genetics, genomics, biomarkers, and related fields, to work at the interface of cancer biology and cancer genomics. The successful candidate will lead projects on the characterization of human cancers, perform experiments characterizing circulating tumor cells, circulating tumor DNAs, and circulating tumor RNAs in clinical samples, and carry out analyses linking findings in the tumor genome and epigenome to patient outcomes.

Potential projects include but are not limited to the generation of novel multi-omic datasets of various cancer types. Approaches utilized include sequencing of single circulating tumor cells, circulating tumor DNA, circulating tumor RNAs, exosomes, biochemistry, and bioinformatics.

Applicants should hold a PhD degree. The ideal candidate should have strong laboratory and analytical skills, with experience in molecular biology and next-generation sequencing. Bioinformatics or clinical statistical experience is helpful but not required. Prior experience in liquid biopsy/CTC/ctDNA/ctRNA/exosome research is helpful but not required.

Thomas Jefferson University is an equal opportunity employer with a strong commitment to enhancing the diversity of its faculty and staff. Women and applicants from diverse racial, ethnic and cultural backgrounds are encouraged to apply.

Interested applicants should send inquiries and CV to
hushan.yang@jefferson.edu; chun.wang@jefferson.edu

Dr. Hushan Yang
Department of Medical Oncology
Sidney Kimmel Cancer Center
1025 Walnut St, Ste 727
Philadelphia, PA 19107
