

T32 Abstract

The joint CHORI/UC Berkeley T32 Training Program in Tumor Biology provides support for 4 predoctoral and 7 postdoctoral fellows to undertake scientific training in a multidisciplinary and unified cancer research program that is shared between CHORI and UC Berkeley. The program encompasses organismal, translational, endocrinology, genetic, cellular, immunology and molecular biological studies. The cancer biology research training activities are directed by twelve program faculty mentors, nine from The University of California at Berkeley (UC Berkeley) and three from the Children's Hospital Oakland Research Institute (CHORI). Together, the individual research interests of our Training Program faculty covers overlapping disciplines that are needed to comprise an interactive and dynamic training program in The Regulatory Biology of Cancer and Growth Control. The program provides important cross-fertilization for multidisciplinary scientific exchanges in the rapidly evolving field of cancer biology that enrich the scientific environments at both UC Berkeley and CHORI. Our trainees are selected on competitive basis from the excellent pool of postdoctoral fellows and graduate students who enter the laboratories of our training program faculty. The focus of our program is to expose graduate students and postdoctoral fellows to an integrated multidisciplinary academic and research training that provides the critical scientific depth needed creatively and rigorously explore cutting-edge issues in cancer cell growth control, function and tumorigenesis. We hope to foster the kind of creativity that will lead to novel findings and which can contribute to cancer prevention and cure.