

TWO POSITIONS OPEN

First or Second Postdoctoral Fellowship

Laboratory of Kathryn B. Horwitz, PhD

Distinguished Professor, Department of Medicine, Division of Endocrinology

Anschutz Medical Campus, RC-1 South, Lab 7402D

General Description. This laboratory uses cell and molecular biological tools to study estrogen-dependent human breast cancer subtypes, mechanisms by which tumors develop hormone resistance, intra-tumoral cell heterogeneity, the progenitor/stem cell origin of different tumor cell subpopulations and mechanisms involved in breast cancer metastasis. Tumors derived from patients and or established cell lines are studied in mouse xenograft models, cell culture and 3-dimensional organ culture. Any and all molecular tools are used to analyze signaling pathways involved in tumor growth, progression and metastasis, and mechanisms by which these pathways can be suppressed. The lab consists of ~10 senior investigators, postdocs and professional research assistants. It is very collaborative. Individual investigators have considerable freedom to explore questions of particular interest to them that remain focused on the major objectives of the group. The lab is stably well-funded, the postdoctoral fellowship is available immediately, and the salary is commensurate with experience. The applicant should have a solid background in tumor and/or molecular biology and 3 letters of recommendation. If you are interested, please send your CV and a statement of interest to kate.horwitz@ucdenver.edu.