



Postdoctoral Fellow Positions Available

Postdoctoral Fellow–Yeh Lab- 02313-R

Our lab is working to understand the mechanisms to efficiently elicit tumor immunogenicity for potent cancer immunotherapy development. The postdoc will be responsible of employing and developing NGS , single cell and display library methods to study cancer immunotherapy and therapeutic antibody discovery (in animal models and in human clinical trial studies). Experience in tumor infiltrating lymphocyte manipulation and analysis is highly desirable.

Postdoctoral Fellow– Kinney Lab- 02301-R-R

Research will involve both wet-lab and dry-lab work, and will include the use of massively parallel reporter assays, biophysical modeling, and machine learning. Studies will focus on transcriptional regulation in bacteria and/or alternative mRNA splicing in humans. Work will be pursued in collaboration with Rob Phillips (Caltech) and/or Adrian Krainer (CSHL)..

Postdoctoral Fellow– Huang Lab – 02251-R-R

Join the BRAIN Initiative project and study the molecular and/or developmental genetic basis of cortical neuronal cell types in the overarching context of cortical circuit development and function.

Postdoctoral Fellow– Sheltzer Lab- 02279-R

Our laboratory is working to understand the genetic differences between normal, malignant, and metastatic cells. To that end, we are applying CRISPR mutagenesis, chromosome engineering, and single-cell sequencing to interrogate different types of cancer genetic alterations. We are particularly interested in using these technologies to model and characterize two types of alterations: 1) whole-chromosome aneuploidy and 2) druggable cancer dependencies.

Postdoctoral Fellow – Dr. Linda Van Aelst and Dr. Mikala Egeblad- 02266-R

The main focus of the research project will be to study molecular determinants and biology of breast cancer and lung adenocarcinoma multi-organ metastasis by applying the latest RNAi/CRISPR technologies and other genomic tools, as well as mouse models.

Postdoctoral Fellow – Janowitz Lab – 02240-R

We are in the process of building a team to research the host's response to cancer, with the vision to deliver new treatment strategies and to discover fundamental biological interactions between organ systems. We are currently investigating the effect of systemic metabolic alterations in cancer on the immune system.

Computational Postdoctoral Fellow– Gillis Lab 01999-R

The successful candidates will join a team at CSHL working to understand the molecular and functional basis of cellular properties, focusing on mammalian brains. This is a largescale project involving a number of complementary positions, ranging from bioinformatics, to neuroscience, to molecular genetics. While the focus of the position is computational, all projects involve substantial collaboration with wet-lab researchers generating unique data.

Computational Postdoctoral Fellow– Dobin Lab 02145-R

Join a team to work on novel statistical methods and computational algorithms for multi-omics processing and integration, and leverage Big Genomic Data to elucidate various problems in precision health, such as genetic and epigenetic mechanisms of cancer development and progression, and clinical impact of functional variants.

Postdoctoral Fellow– Tuveson Lab 01853-R

The main focus of the research will be on finding novel ways to detect and/or treat pancreatic cancer. The Tuveson Lab uses murine and 3D, organoid culture models to better understand the development and progression of pancreatic ductal adenocarcinoma.

Postdoctoral Fellow– Zhang Lab 02318-R

The Zhang Lab is interested in understanding how self-renewal of hematopoietic stem and progenitor cell is regulated under both normal and malignant conditions and how dysregulation of self-renewal process contributes to pathogenesis of various hematopoietic malignancies.

To learn more about these positions and others available at CSHL follow us on Twitter @CSHLCareers or

to apply, please visit us at www.cshl.edu/careers



Cold Spring Harbor Lab offers an excellent benefits package and a competitive salary.

CSHL is an EO/AA Employer. All qualified applicants will receive consideration for employment and will not be discriminated against on the basis of race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability or protected veteran status.