Postdoctoral Research Positions in Precision Genomics

The Ouyang Lab at The Jackson Laboratory for Genomic Medicine is seeking creative, highly motivated individuals interested in working on precision genomics and its impact on health and medicine.

The postdoctoral positions are focused on developing statistical and computational methodologies for precise modeling of genome function. The research aims to provide advanced solutions for analyzing genomic and epigenomic data from cutting-edge high-throughput technologies at the whole-genome scale and/or single-cell resolution, with applications to cellular development and diseases.

The applicants should possess a Ph.D. in a quantitative area. Solid publication records, quantitative modeling expertise, and strong programming (Python, R, etc) skills are required. Previous knowledge and experience in genomics and epigenomics is also required.

Interested applicants should submit a CV and contact information of 2-3 references to zhengqing.ouyang@jax.org.

About The Jackson Laboratory for Genomic Medicine

The Jackson Laboratory is a world-renowned research and educational institution with programs in computational biology, genomics, bioinformatics, genome technology, cancer, aging, stem cell, neurobiology, immunology, and microbiome. The Laboratory is recognized internationally for its excellence in research and educational activities, unparalleled genomic resources, and outstanding research support services. It is voted among the top 15 “Best Places to Work in Academia” in the United States in a poll conducted by The Scientist magazine.

The Jackson Laboratory for Genomic Medicine is part of a $1.1 billion new venture between The Jackson Laboratory and the state of Connecticut. The institute is located in a new, dedicated, state-of-the-art research building, a 183,000 ft2 space incorporating a broad range of the most advanced research laboratories and supporting facilities. It is within 2-hour drive of both New York City and Boston.

Ouyang Lab website: http://ouyanglab.jax.org
https://www.jax.org/research-and-faculty/research-labs/the-ouyang-lab