We are looking for a postdoc scientist to join Carol Huang’s lab at New York University (huanglab.rbind.io) in the heart of Manhattan.

ABOUT THE LAB

Our lab uses both “dry”- and “wet”-lab genomics methods to study gene regulation at the systems level. Specifically, we are interested in understanding how the within-species genome and epigenome variation gives rise to variation in the regulatory networks that underlie phenotypic variation. The extensive within-species genome and epigenome variation and adaptability to the environment found in the plant kingdom provide rich resources to investigate this question. We work with the reference plant Arabidopsis and collaborate with multiple groups working on agriculturally and ecologically important plants.

We aim to build a highly interdisciplinary and collaborative lab, and are committed to provide a supportive environment for lab members to achieve scientific excellence and gain expertise in both computational and experimental skills. The lab space is centrally located in the Washington Square campus of NYU, in a recently renovated building that houses the Center for Genomics and Systems Biology.

ABOUT THE POSITION

We are looking for a motivated and independent scientist with expertise in any of the areas listed below, as evidenced by first-author or co-first-author publications, for developing methods to build cell type-specific regulatory networks. The ideal candidate will have received a PhD within the last five years, have strong expertise in cell biology, confocal microscopy, fluorescence in-situ hybridization, quantitative image processing, and tissue fixation and embedding techniques especially for plant samples. Experience in computer programming and willingness to learn advanced computational approaches for genome-scale data are required. Prior experience with Arabidopsis and/or maize genetics is a plus. The position is expected to continue for multiple years contingent on funding availability and satisfactory performance.

Applying: To apply, please submit a cover letter with brief description of research interests and accomplishments, CV, contact information for three references to https://apply.interfolio.com/71467. We encourage candidates to identify potential funding sources for which they may be eligible and interested in applying for. Applications will be considered until the position is filled.

SELECTED PUBLICATIONS
