

POST-DOCTORAL ASSOCIATE - Yale University

Functional Analysis of Autism Risk Genes

The **Hoffman Laboratory** at Yale University is recruiting for an NIH-funded post-doctoral position, available immediately.

The **main goal** of the Hoffman Laboratory is to gain new insights into the roles of genes associated with autism spectrum disorders at the molecular, cellular, and circuit levels to develop improved pharmacological treatments. To accomplish this, we use zebrafish CRISPR-generated mutants of autism risk genes to directly visualize the functions of these genes in the developing nervous system and to perform high-throughput behavior-based screens.

We are seeking post-doctoral researchers interested in the following projects:

1. Characterizing neural circuit deficits resulting from loss of autism risk gene function using in vivo functional imaging
2. Structural, functional, and molecular characterization of zebrafish autism risk gene mutants
3. Pharmaco-behavioral profiling to identify new pharmacological candidates

To apply:

Please send an email with your CV, contact information for 3 references, and cover letter to: **Dr. Ellen Hoffman** (ellen.hoffman@yale.edu) using the subject line: **Postdoctoral applicant: Your name**. Applicants are encouraged to outline research projects of interest.

More information about the lab can be found at www.hoffmanlab.net