

Position Announcement:

Postdoctoral Researcher

The Sanford Burnham Prebys Medical Discovery Institute (SBP)
La Jolla, California, United States

Founded in 1976, SBP is a preeminent, independent biomedical research institute dedicated to understanding human biology and disease, and advancing scientific discoveries to profoundly impact human health. For over 40 years, our research has produced breakthroughs in cancer, neuroscience, immunology and children's diseases, and is anchored by our NCI-designated cancer center and advanced drug discovery capabilities.

We currently have available the following full-time **Postdoctoral Researcher** position:

We seek a highly motivated postdoctoral fellow to study the role of genetic sporadic risk factors in Alzheimer's disease (AD) on triggering and exacerbating AD onset. Our lab is focused on understanding how mutations in cell surface proteins such as TREM2 and SORLA can alter neuronal and microglial function. Recent work from our group established a role for SORLA in protecting synaptic function in the presence of A β (*J Exp Med* 214: 3669, 2017) as well as enhancing neurite outgrowth (*J Neurosci* 40: 5908, 2020). We also established an ESC-based human microglial modeling platform to determine how AD-related mutations in TREM2 and SORLA can affect microglia behavior and function (*J Exp Med* 217(12): e20200474, 2020). We are currently using a combination of mouse genetics, biochemistry, cell biology, proteomics, and high throughput sequencing technologies to characterize molecular pathways associated with genes such as TREM2 and SORLA.

Required Experience

A highly motivated Ph.D. and/or M.D. graduate with background in neuroscience, genetics, cellular and/or molecular biology is encouraged to apply.

We offer a competitive salary and comprehensive benefits package.

For immediate consideration, please submit a CV, 3 reference names or letters, and a cover letter to:

Dr. Timothy Huang (tuang@sbpdiscovery.org)
Assistant Professor
Degenerative Diseases Program
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La Jolla, CA, 92137
Website: neurodegenerationlab.org