Postdoctoral Position-Young Lab

A postdoctoral position is available in the Young Laboratory at the University of Washington in the Institute of Stem Cell and Regenerative Medicine (ISCRM) in Seattle, Washington, USA. This position will encompass projects related to Alzheimer’s disease, neurodegeneration, stem cell modeling, AD genetic risk, and endosomal trafficking. The Young lab is interested in determining the cellular mechanisms behind genetic risk for sporadic Alzheimer’s disease (SAD). To do this we use human induced pluripotent stem cells (hiPSCs) from patients or engineered to harbor SAD genetic risk variants. We differentiate these cells down neural lineages in 2-dimensional and 3-dimensional culture systems. We are interrogating how defects in vesicular trafficking/endocytosis and dysregulation of neuronal epigenetic networks contribute to disease. The successful candidate will have the opportunity to do research in a superb intellectual setting at ISCRM by applying a combination of stem cell biology, neurobiology, genetics, biochemistry and microscopy using hiPSCs and differentiated neural cell types.

Requirements
1. About to complete or have completed a PhD within the last year in cell biology, molecular biology, genetics, neurobiology, molecular biology, bioengineering or related field.
2. Highly motivated, independent, with outstanding written and oral communication skills and with peer-reviewed publications.
3. Research experience with stem cell culture, neuronal cell culture is highly desirable.

Interested candidates please send a CV with a list of publications, a brief statement of your previous research expertise, your postdoctoral research interests and the contact information of three referees to Jessica Young at jeyoung@uw.edu.