A postdoctoral position is available in the Jayadev Laboratory in the Department of Neurology, Division of Neurogenetics at the University of Washington in Seattle, Washington. This position will encompass projects related to the pathophysiology of Alzheimer and neurodegenerative diseases. The group studies immune function and genetic risk regulating neuroimmune mechanisms of disease with the goal of informing effective therapeutic development. We are interested in the diversity of immune cell phenotypes in the brain and their relative contribution to or protection from disease. We leverage AD subject biospecimens including brain, skin and blood to establish molecular profiles using single cell/nucleus ‘omic approaches. The laboratory has an active stem cell modeling component where we functionally test hypotheses raised in transcriptomic and epigenomic studies. The successful candidate will have the opportunity to do research in a superb intellectual setting at UW which will include work with fellow colleagues at the Institute for Stem Cell and Regenerative Medicine (ISCRM) and collaborators in Medical Genetics.

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, programming in R, basic biostatistics bioinformatics analyzing transcriptomic and other multiomics data 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 Suman Jayadev at sumie@uw.edu