

The Raskind/Korvatska lab in the Departments of Medicine and Psychiatry and Behavioral Sciences is seeking a post-doctoral researcher with an interest in the genetics of neurodegenerative diseases to join an ongoing study of 1) the role of (H⁺) vacuolar ATPase in Parkinson's disease and intellectual disability (PMID:23595882) or 2) microglia-specific genetic risk factors in Alzheimer's disease (PMID: 26076170). We use diverse functional assays based on patient cells and model systems. Dr. Raskind, a medical geneticist, and Dr. Korvatska, a molecular biologist, collaborate with experts in neurobiology, systems biology, stem cell biology and neuropathology.

Ideal training and experience would include:

- Recent PhD in Neuroscience, Molecular and Cell Biology, Genome Sciences, Immunology or equivalent.
- Expertise in mammalian tissue culture, gene delivery (*e.g.*, nucleofection, lentivirus), RNA interference, *in vivo* reporter assays, and cell imaging;
- Familiarity with main molecular biology techniques such as molecular cloning, qRT-PCR, RNA microarrays and next-gen sequencing

Desired: expertise in stem cell biology (iPSC generation and differentiation), microglial and neuronal cultures, flow cytometry, gene editing (CRISPR/CAS9), familiarity with bioinformatic tools for analysis of RNA-Seq or proteomics data

The UW is an outstanding environment from which future careers in academics and/or industry are strongly developed. This position is part of an NIH-supported training program (T32) and emphasizes interdisciplinary basic science research training for a minimal period of two years for qualified individuals who are committed to pursuing a career in academic setting. Because the position will be funded by an NIH institutional training grant, only **US citizens or permanent residents are eligible**. The fellowship could begin as early as July 2019.

Applications consisting of a cover letter, CV and contact information for three references should be submitted by e-mail to Olena Korvatska (ok5@uw.edu).