Position

Employer
Harvard Medical School and Brigham and Women’s Hospital

Location
Boston, Massachusetts

Principal Investigator
Silke Nuber, PhD

Description
A postdoctoral fellow position is open in the Nuber laboratory at Brigham and Women's Hospital and Harvard Medical School. The candidate should be curious to study alpha-synuclein biology in mice and cell culture models of Parkinson's disease (PD). The research focuses on mutations and brain lipid changes that affect the alpha-synuclein tetramer:monomer ratio early in Parkinson’s pathology and whether small compounds that change the fatty acid saturation confers to neuroprotection in vivo.

The new project uses established transgenic mouse models to study early-onset synucleinopathy. In addition, new mice will be generated to analyze pathologies induced by abrogation of the normal a-synuclein homeostasis in mice.

Candidates with a PhD within 1-3 years and experience using biochemistry, histology and mouse behavior analyses are preferred and are strongly encouraged to apply.

Brigham and Women’s Hospital is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, sex, color, religion, national origin, sexual orientation, protected veteran status, or on the basis of disability.

Application should be directed to Silke Nuber, PhD (snuber@bwh.harvard.edu)

Requirements

- A Ph.D. with training in neuroscience or biochemistry or a related biological field.
- Excellent track record of publications.
- Direct work with mice, knowledge in protein, RNA and histological analyses is essential
- Cell culture (primary neurons and/or induced human neurons) experience preferred, listed in detail in the CV.
- Self-motivated and driven individual able to work both independently and in team settings
- Excellent oral and written communication skills in English.
- The project will be labor-intensive and we hope for a consistency for ~ 3 years.