The Bonini lab specializes in using the genetically tractable model organism, Drosophila, as a tool to understand the molecular basis of disease and disorder of the brain, with a particular focus on degenerative processes including ALS/FTD, TBI, and aging. We implement cutting-edge genetic, molecular, nexgen sequencing, and cellular approaches to develop and characterize models to study their molecular basis, with an emphasis on potential translatability to clinical improvement.

The lab is looking to hire a new motivated and organized junior research specialist. This position will perform basic molecular and cellular biological experiments to meet laboratory objectives and be trained to place and manage all laboratory orders and maintain laboratory organization. Laboratory experiments with Drosophila involve the maintenance of animals and collection of animals; experiments with flies, such as lifespan analysis; following of basic molecular lab protocols such as RNA isolation, PCR, basic cloning, western immunoblots, and DNA clone maintenance for molecular genetic experiments and for nextgen sequencing experiments. This position is also responsible for daily management to ensure regulatory compliance, ordering and storing of reagents, and timely completion of laboratory maintenance goals. The individual will interact with Senior Scientists and the Principal Investigator (PI) on protocols and research to maintain laboratory functioning in a smooth manner. Successful staff members will have the opportunity to embrace additional managerial and research skills. Previous specialists and students in the Bonini lab have continued on to medical school, graduate school, pharma, patent law, or science consulting professions, as well as in academic professions.

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Link to apply: