Postdoctoral Fellow in Rare Disease Pharmacology – iPSC-derived neuronal models of disease
POS_75069333-1
Waltham, MA

Sanofi Genzyme focuses on developing specialty treatments for debilitating diseases that are often difficult to diagnose and treat, providing hope to patients and their families.

Sanofi Genzyme has pioneered the development and delivery of transformative therapies for patients affected by rare and debilitating diseases for over 30 years. We accomplish our goals through world-class research, collaboration with the global patient community, and with the compassion and commitment of our employees. With a focus on specialty areas including: immunology, oncology and multiple sclerosis, we are dedicated to making a positive impact on the lives of the patients and families we serve. Sanofi Genzyme's portfolio of transformative therapies, represent groundbreaking and life-saving advances in medicine. As a Sanofi company, Sanofi Genzyme benefits from the reach and resources of one of the world's largest pharmaceutical companies, with a shared commitment to improving the lives of patients.

At Sanofi Genzyme, we are committed to the growth of our people, connected in purpose by career, life and health.

**Job Description:**

The Rare Disease Pharmacology group seeks a self-motivated and ambitious post-doctoral fellow to develop novel iPSC-derived neural models of rare diseases. The post-doc will be involved with all aspects of iPSC culture, including differentiation and phenotypic characterization, as well as the development of novel *in vitro* assays employing these cells utilizing flow cytometry, high content microscopy and mass spectrometry. The post-doc will be considered an integral part of the research team, and thus must be able to function in a team-based environment. Publication will be expected, as will presentation at research meetings. The successful candidate will be an accomplished cell biologist, have excellent communication skills and demonstrate meticulous attention to detail in experimental design and execution.

**Required Education:**
Ph.D. in biochemistry, cell biology, neurobiology or other relevant fields.

**Required Skills:**
- Expertise in mammalian cell culture; candidates with experience in the derivation, culture, and characterization of iPSC-derived disease models preferred
- Confocal microscopy and/ or flow cytometry as well as standard molecular biology techniques
- Background in neurobiology
- Experience with genomic modification via CRISPR technology is a plus

Interested applicants are encouraged to apply at:
Postdoctoral Fellow in Rare Disease Pharmacology – The Role of inflammation in rare disease pathology
POS_75071672-1
Waltham, MA

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Job Description:
We seek a driven and enthusiastic post-doctoral fellow to be part of the Rare Disease Pharmacology unit supporting target credentialing for small molecule discovery. The fellow will employ the latest in genome engineering technology to develop and characterize new cellular models of inflammation in rare diseases. The fellow will be responsible for the design, execution and interpretation of experimental data with the expectation of publication of results. The successful candidate will have a strong academic track record, excellent communication skills, and meticulous attention to experimental design and execution. Expertise in mammalian cell culture and genome engineering is required, experience with cell sorting, flow cytometry and confocal microscopy are strongly preferred.

Qualifications
Required Education:
Ph.D. in biochemistry, cell biology, immunology or related fields.

Required Skills:
-Experience in CRISPR-mediated genome engineering
-Proficiency in mammalian cell culture and cell line development
-Expertise with immune cell culture and activation, particularly macrophages
-Preferred skills: Cell sorting and flow cytometry, confocal microscopy, qPCR

Interested applicants are encouraged to apply at: