Sr Staff Scientist- Translational Imaging (Ophthalmology/Neurology)

Known for its scientific and operational excellence, Regeneron is a leading science-based biopharmaceutical company that discovers, invents, develops, manufactures, and commercializes medicines for the treatment of serious medical conditions. Regeneron commercializes medicines for eye diseases, high LDL-cholesterol, atopic dermatitis and a rare inflammatory condition and has product candidates in development in other areas of high unmet medical need, including rheumatoid arthritis, asthma, pain, cancer and infectious diseases.

Summary: The Imaging Group within Early Clinical Development and Experimental Sciences at Regeneron is seeking a scientist with strong background in translational imaging with a focus on central nervous system (CNS) or ophthalmology (OPH) to support the development, translation, implementation and quantitative evaluation of novel imaging biomarkers with emphasis on early phases of clinical development. The successful candidate will provide strategic and technical expertise in the design and implementation of imaging as applied to CNS/OPH and other therapeutic clinical studies. This candidate in this position will play a key role in the analysis of large-scale image datasets to inform clinical development plans across therapeutic areas. This role will work collaboratively with internal research and clinical teams as well as external collaborators and contract research organizations to support the qualification of imaging biomarkers and their application to therapeutic development.

Responsibilities

• Design and implement imaging measures as endpoints for CNS/OPH therapeutic clinical studies
• Design and implement qualification studies for imaging biomarkers
• Leverage large imaging datasets to perform proof-of-concept imaging analysis to inform clinical development plans across therapeutic areas.
• Supervise image analyses from Regeneron clinical trials and evaluate central lab, CRO, and collaborator performance.
• Explore novel ways to analyze clinical imaging data.
• Apply artificial intelligence and machine learning in medical image analysis and supervise/support development of algorithms for clinical image analysis.

Experience and Required Skills:

Minimum Qualifications

• PhD or MD/PhD in quantitative field (e.g. biomedical engineering, computer science, physics etc) with 4+ years of experience performing analysis in clinical/translational imaging datasets (MRI, PET, SPECT, OCT).
• Excellent written and verbal communication skills
• In the context of CNS, direct experience in quantitative analysis of PET images is preferred.
• Experience in neuroscience or ophthalmology
• Strong oral and written communication skills
Additional Qualifications

• Mathematical / statistical proficiency
• Programming proficiency (e.g. Matlab/C++)
• Working knowledge of imaging computing infrastructure (e.g. PACS)
• Experience across multiple therapeutic areas

This is an opportunity to join our select team that is already leading the way in the Pharmaceutical/Biotech industry. Apply today and learn more about Regeneron’s unwavering commitment to combining good science & good business.

To all agencies: Please, no phone calls or emails to any employee of Regeneron about this opening. All resumes submitted by search firms/employment agencies to any employee at Regeneron via-email, the internet or in any form and/or method will be deemed the sole property of Regeneron, unless such search firms/employment agencies were engaged by Regeneron for this position and a valid agreement with Regeneron is in place. In the event a candidate who was submitted outside of the Regeneron agency engagement process is hired, no fee or payment of any kind will be paid.

Regeneron is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, sexual orientation, gender identity, disability status, protected veteran status, or any other characteristic protected by law.