



Research Scientist- Imaging

Scientist

Hamilton, ON, CA

Requisition ID: 1068

To apply, please go to the following

link https://workforcenow.adp.com/mascsr/default/mdf/recruitment/recruitment.html?cid=e21c098d-f0f7-43a3-bbb6-e1622f16a804&cclId=19000101_000001&lang=en_US

- Then look for job title "**Research Scientist- Imaging**"

Fusion Pharmaceuticals (NASDAQ: FUSN) is a clinical-stage oncology company focused on developing next-generation radiopharmaceuticals as precision medicines. Employing a proprietary Fast-Clear™ linker technology, and leveraging the Company's actinium supply and manufacturing expertise, Fusion connects alpha particle emitting isotopes to various targeting molecules in order to selectively deliver the alpha emitting payloads to tumors. Fusion's lead program, FPI-1434 targeting insulin-like growth factor 1 receptor, is currently in a Phase 1 clinical trial. The pipeline includes FPI-1966 targeting the fibroblast growth factor receptor 3 (FGFR3) and FPI-2059, a small molecule acquired from Ipsen, targeting neurotensin receptor 1 (NTSR1). In addition to a robust proprietary pipeline, Fusion has a collaboration with AstraZeneca to jointly develop up to three novel targeted alpha therapies (TATs), the first of which is currently in IND enabling studies, and explore up to five combination programs between Fusion's TATs and AstraZeneca's DNA Damage Repair Inhibitors (DDRIs) and immuno-oncology agents. Fusion also recently entered into a collaboration with Merck to

evaluate FPI-1434 in combination with Merck's KEYTRUDA® (pembrolizumab) in patients with solid tumors expressing IGF-1R.

Research Scientist – Imaging

Fusion Pharmaceutical is seeking candidates for Research Scientist, Imaging who will provide strategic and technical expertise in the design and implementation of imaging methods applied to pre-clinical studies across therapeutic areas. The candidate will work collaboratively with internal research teams to integrate and support the application of imaging towards targeted alpha-particle therapeutic (TAT) development. This position is based at Fusion's laboratories in Hamilton, Ontario, Canada.

Duties/Responsibilities:

- As leader of Fusion's Imaging Team within the Discovery Group; develop and expand internal preclinical imaging capabilities and spearhead the incorporation of nuclear imaging modalities into the R&D experimental workflow
- Design and conduct imaging-based biodistribution studies of radiopharmaceuticals in rodent models of cancer (or other disease indications of interest). Support reconstruction and quantification of multimodal imaging data.
- Mentor and train direct reports. Support Fusion's scientific staff by providing training and guidance towards planning and performing imaging studies
- As part of Fusion's broader R&D group; work with cross-functional experts to develop and implement imaging based methods to explore dosimetry and PK/PD relationships as they relate to mechanism of action across our therapeutic pipeline
- Oversee the maintenance, calibration, and operation of state-of-the-art PET/SPECT/CT/Optical imaging equipment
- Produce high quality and well documented data with strong attention to detail
- Contribute to internal project teams through the setting and achievement of scientific goals, communication of results, and solving multifaceted scientific challenges
- Other duties as required

Qualifications:

- Ph. D with at least 3-year post-graduate experience (Biochemistry, Biology, Immunology, Molecular/Cell Biology)
 - Experience with development and technical validation of *in vivo* nuclear (PET/SPECT/CT) imaging methods and protocols
 - Experience with *in vivo* disease models in rodents.
 - Expertise with the operation of nuclear imaging equipment including software image reconstruction, analysis, and quantification of nuclear imaging data
 - Ability to adapt to, perform, and develop unfamiliar methods in a rapidly evolving research environment
 - Ability to work effectively in a multi-disciplinary team and communicate with colleagues at all levels
 - Experience with the safe handling of radioactive and potentially biohazardous materials
- Fusion requires all employees to be current with their COVID vaccination requirements.

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or status as a protected veteran.

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Best regards

Rajiv

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