In Vivo Imaging Investigator

Requisition ID: WD158945
Position: Full time
Open date: Mar 27, 2018 3:54 PM
Functional area: Science and Technology
Location: Upper Providence, Pennsylvania
Required degrees: Phd/Doctorate
Experience required: 2 years
Relocation: Not Indicated

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Your Responsibilities:
The successful candidate will work in a state of the art pre-clinical imaging facility located at the Upper Providence campus in Collegeville, PA. The facility houses: Siemens Inveon PET/SPECT/CT; Bruker 4.7T/40cm horizontal and 9.4T/8.9cm vertical MRI; GE & VisualSonics Ultrasound; Perkin Elmer IVIS & FMT Optical and Moor Laser Doppler imaging equipment. We welcome applications from highly motivated individuals interested in delivering opportunity for translational pre-clinical imaging to support drug discovery and development efforts in a broad therapeutic space including Oncology, Immuno-Inflammation, Infectious Disease, Respiratory and Neurodegeneration. A goal of this position will be to develop in vivo MR imaging and spectroscopy capabilities in animals which will be used to better inform drug discovery teams on optimal molecule and clinical dose selection. The successful candidate will have the opportunity to work with a diverse group of biologists and pharmacologists as well as with an experienced team of imaging scientists at GSK. Therefore, there will be opportunity to learn and employ additional non-invasive imaging modalities to address the needs of the drug discovery programs.

• Develop and apply state of the art MRI and MRS techniques to support drug discovery efforts within the organization.
• Perform in vivo imaging studies to support the needs of Discovery and Platform Technology Science business partners ranging from drug design through safety evaluation to product/device development.
• Provide imaging guidance/solutions and collaborate closely with the Bioimaging department.
• Responsible for study support and data generation/management and communication to project/program teams
• Have oversight of the MRI equipment within the in vivo imaging facility.
• Responsible for implementing and maintaining instrument QC and service contracts with imaging vendors.
• Responsible for animal care and use protocol writing and oversight of the animal imaging protocols.
• Assure high standards for animal care and compliance with all federal, state, and local regulations

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Why You?

Basic qualifications:
Ph.D. in Chemistry, Physics, Biophysics, or similar and a minimum of 2 years of post-doctoral and/or industrial experience working with non-invasive magnetic resonance imaging technologies is required. The candidate should have experience designing and implementing MRI/S sequences for assessing disease modification, biomarker development, and clinical translation.
An ability to work in a team environment and excellent written & oral communication skills are required.

Preferred qualifications:
The ideal candidate should have experience in performing small animal MRI/S and have training in integrative physiology and/or pharmacology.

Why GSK?:
www.GSK.com

Contact information:
You may apply for this position online by selecting the Apply now button.

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