Preclinical MRI Senior Scientist for Minerva Imaging

About Minerva Imaging:

Minerva Imaging’s vision is to become the leading contract research and contract development organization for targeted radionuclide therapy and imaging, enabling improved treatment regimens for cancer patients. Our focus is on the use of advanced animal models within oncology and cardiovascular diseases and in vivo molecular imaging for translational research and drug development.

We aim to excel in delivering customized cancer radiopharmaceutical research and serve as an extended research team to our collaborators. We have built a global leading R&D platform for targeted radionuclide therapy and Contract Development and Manufacturing (CDMO) to enable integrated planning and faster execution of promising new radionuclide theragnostic projects in close collaboration with leading researchers, biotech, and pharmaceutical companies.

Minerva is at the forefront of R&D in the theragnostic area. We are in a very fast-paced environment, where our scientists directly impact the advancement of new improved, and lifesaving drugs for seriously ill cancer patients. We have the ambition to make a difference for our clients, collaborating on advancing new treatment modalities for patients.

Our plans for the new Preclinical MRI Senior Scientist:

As a Preclinical MRI Senior Scientist, you will be a key team player on running and establishing preclinical MRI imaging protocols, processing pipelines and key driver for all MRI related operations. The ideal candidate has a strong background in preclinical MRI with hands on experience in running preclinical in-vivo MRI experiments and image processing.

You will be joining an interdisciplinary team driving technological innovation of the company.
Tasks and Responsibilities:

- Ensure daily operation of the MRI scanner and quality of MRI studies in animals
- Implement cutting-edge MRI acquisition protocols/studies
- Establish complex image analysis and processing pipelines
- Perform preclinical MRI scans on various animal models in complex studies, ensuring proper positioning, image quality, and adherence to study protocols
- Process and analyse MRI data using specialized software packages to extract relevant information for research projects
- Provide technical support and troubleshooting assistance for MRI equipment and software as needed
- Perform routine maintenance of the MRI equipment to ensure optimal performance
- Manage projects and studies in various areas (oncology, CNS, cardiovascular) of the business
- Act as key technology expert to internal and external stakeholders. Collaborate with interdisciplinary teams, including researchers, scientists, and project managers, to design and execute preclinical imaging studies
- Establish new methods and present results in conferences and other media

Experience:

- Hands on experience with preclinical MRI (necessary requirement)
- Solid programming skills preferably in Python
- Thorough understanding of MRI (ability to apply MRI theory to practical experiments)
- Experience with various animal disease models
- Experience on clinical systems is a plus

Qualifications:

- FELASA qualification (required)
- M.Sc or Ph.d. in natural science, preferably previous working experience
- Knowledge of proper animal handling and ethics in preclinical research
- Problem-solving and make-it-work attitude
- Good team player and eager to learn
- Ability to thrive in a fast-paced and service-oriented organization
- Make deadlines happen
- Excellent communication skills in English, both written and oral
Please submit your application as soon as possible but no later than 30th of December 2023. The application must include a motivated cover letter and a CV addressing the listed qualifications and submitted through Minerva Imaging’s job portal:

https://minervaimaging.career.emply.com/ad/preclinical-mri-senior-scientist/n6thcv

Applications will be evaluated continuously, and potential candidates will be invited for job interviews accordingly.

Contact:
If you have questions regarding the recruiting process, please contact Moritz Braig, department Manager, Digital Solution and Technology, at MOB@minervaimaging.com

About Minerva Imaging:
Minerva Imaging is a scientifically driven CRO/CDMO founded in 2011 counting 120 employees. Our focus is on the use of advanced animal models within oncology and cardiovascular diseases and in vivo molecular imaging for translational research and drug development.

We engage with our collaborators to understand their scientific questions and discuss how our methods and capabilities can provide answers. We are rapidly growing, and the right candidate will be a key contributor to maintaining the scientific foundation and our approach to research while expanding our business. You will join a highly specialized CRO/CDMO, with ambitions of taking disease treatment to the next generation of personalized medicines.

We are an informal organization with a strong focus on open and honest communication. We value humour and a natural care for one another, meaning stepping up and lending a helping hand to a colleague when needed.

We offer a combined compensation package which includes a base salary, pension and an attractive bonus program. We care about our employees’ well-being and offer health insurance and a quality conscious lunch scheme and arrange monthly social activities. Follow Minerva Imaging on LinkedIn for the latest news.

https://www.linkedin.com/company/minerva-imaging