# Preclinical MRI Scientist for 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 Scientist**

As a Preclinical MRI Scientist, you will be a key team player on running and establishing preclinical MRI imaging protocols and associated reconstruction and post-processing pipelines.

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 a team that is composed of imaging scientists and IT professionals.

**Tasks:**
- Ensure daily operation of the MRI scanner and quality of MRI studies in animals
- Implement and develop state of the art MRI acquisition protocols/studies
- Establish complex image analysis and processing pipelines
- Manage projects and studies in various areas (oncology, CNS and cardiovascular) of the business.
- Engage in all imaging activities e.g., nuclear imaging, Fluorescence Imaging and Ultrasound
- Establish new methods and present results in conferences/other media

**Experience**
- Thorough understanding of MRI (ability to apply MRI theory to practical experiments)
- Python, Matlab and preferably Bruker Paravision programming

- Experience with various animal disease models
- Automated image analysis e.g. Deep learning
- Hands on experience with preclinical MRI
- Experience with clinical systems is a plus

**Qualifications:**
- FELASA qualification
- M.Sc or Ph.d. in natural science preferably with previous working experience
- Problem-solving and make-it-work attitude
- Good team player and eager to learn
- Strong analytical skills and attention to detail
- 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 to:

## career@minervaimaging.com

The application must include a motivated cover letter and a CV addressing the listed qualifications. Applications will be evaluated continuously, and potential candidates will be invited for job interviews accordingly.

If you have questions regarding the position, please contact Moritz Braig, department manager Data & Imaging at MOB@minervaimaging.com

**About Minerva Imaging**
Minerva Imaging is a scientifically driven CRO/CDMO founded in 2011 counting 100 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