MR Sequence Developer (m/f/d)

Company Overview

NVision is a quantum biotech startup based in Ulm, Germany, with Tier 1 investors from the USA and Europe. We are just leaving stealth mode, moving from local R&D to global commercialization and expansion.

We are developing a technology that will enable MRI-based imaging of real-time metabolism in the body, with tremendous potential for research and applications in oncology, cardiology, neurology and more. What we are building is complex and fascinating and has vast potential for impactful applications. Our company brings together expertise in physics, chemistry, engineering, and medicine and we are collaborating with KOL scientists and clinicians from top medical and research centers such as Memorial Sloan Kettering in New York, MD Anderson in Texas, Technical University of Munich, University of Cambridge in the UK and more.

We offer a dynamic international working environment, with immense room for growth, that encourages personal initiative and open communication.

Job Description

We are seeking an MR Sequence Developer (m/w/d) with a strong background in MR sequence development, MR physics, and hyperpolarized MRI. You will play a central role in developing our sequence package for hyperpolarized MRI. As a Sequence Developer, you will collaborate closely with our academic partners to develop and implement cutting-edge MR sequences for hyperpolarized MRI. In doing so, you can draw on your experience to identify possible applications and also adjust to important hardware considerations.

Your Responsibilities

- As an experienced MR Sequence Developer you can draw on your extensive knowledge of MR software development, hyperpolarized MRI, and MR physics, while collaborating effectively within a team environment
- You will efficiently implement and develop sequences for hyperpolarized MRI in collaboration with our academic partners and drive research developments in-house and at the research sites

- You will set up hyperpolarized scans, run thorough quality assurance and quality control, while utilizing your expertise in MR hardware, including coils and phantoms

Your Profile

- Ph.D. in MR physics or a related field
- Experience in MR sequence design
- Experience with hyperpolarized MRI
- Experience with different MR systems is considered an advantage
- Experience with MR hardware in particular with respect to hyperpolarized MRI
- Ability to work collaboratively and openly in a cross-functional team environment
- Self-motivated, detail-oriented, and adaptable to evolving software needs
- English proficiency

Offer

- Competitive compensation
- Hybrid working model (Our offices and labs are located in Ulm, Germany.)
- Ample opportunity for personal initiatives, openness to new ideas and room for considerable personal impact
- Impactful product promoting better understanding and treatment of disease
- International team, from over 15 different nationalities
- Enjoyable work atmosphere with an open-door and open communications mentality
- Indefinite employment contract, providing stability
- 30 vacation days and excellent work-life balance
- Relocation and visa support

Your application

Join us in making a difference! Submit your application to be considered for this exciting opportunity.

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