Job Opportunity: **Magnetic Resonance Scientist –Animal MRI Core**

Hoglund Biomedical Imaging Center, University of Kansas Medical Center, Kansas City, KS, USA

The Hoglund Biomedical Imaging Center (HBIC) has an opening for a Magnetic Resonance Scientist to join a multidisciplinary team that supports a diverse portfolio of research projects using Magnetic Resonance Imaging (MRI) and Spectroscopy (MRS). The HBIC provides a rich, collaborative environment for imaging research in both animal models and humans. A primary focus of this position is the design and implementation of MR studies on a newly installed Bruker Avance Neo 9.4 Tesla small animal system.

This position in the HBIC Animal MRI Core provides the opportunity to develop MR research collaborations with NIH-funded investigators on a range of topics including pain, cancer, kidney diseases, obesity, brain injury, aging, Alzheimer's disease, neurodegenerative and neurodevelopmental disorders.

The successful candidate will join an interdisciplinary research team at the HBIC and will serve a key role in collaborating with investigators to turn research questions into exciting, rigorously designed studies that take advantage of the full range of state-of-the-art imaging capabilities. Specific responsibilities include:

- Developing data acquisition and analysis protocols
- Designing and implementing pulse programs
- Training and supervising MR users
- Publishing research results
- Confirming quality assurance of all study aspects from start to finish.

The HBIC faculty and staff recognize the value of a diverse workforce and are committed to an inclusive research environment. We welcome all of our partners in research—investigators, research participants, staff, students, and community members—regardless of professional status, age, race, color, national origin, religion, disability, sex, gender identity, sexual orientation, or genetic status. Applicants from under-represented backgrounds are encouraged to apply.

Recent doctoral graduates, post-doctoral fellows, and more experienced individuals are eligible. This is a staff scientist position which is supported by Center funds.

Expressions of interest should be addressed to: **William Brooks, Ph.D., HBIC Director,** at wbrooks@kumc.edu

Follow the link below to apply: https://kumc.wd5.myworkdayjobs.com/en-US/kumc-jobs/job/Kansas-City-Metro-Area/Senior-Scientist_JR001121

About the HBIC at KUMC: *The HBIC serves as the core imaging facility for KUMC's NIH-funded Alzheimer's Disease Research Center, Cancer Center, Intellectual and Developmental Disabilities Research Center, a Clinical and Translational Science Award Center and numerous federally-funded investigators.*

About Kansas City: *The Kansas City metropolitan area is located in the midwestern United States and has a population of ~2.1 million people. The city has one of the most affordable housing markets and lowest traffic among all cities in the United States. Greater Kansas City is headquarters to Fortune 1000 companies, including Cerner, H&R block, and AMC. The Kansas City landscape includes wide boulevards, beautiful parks, and unique architecture. With more working fountains than any other city in the US, Kansas City is nicknamed the "City of Fountains". The city is home to the Kansas City Chiefs (National Football League), the Kansas City Royals (Major League Baseball), and Sporting KC (Major League Soccer).*

The University of Kansas Medical Center has a longstanding commitment to achieving diversity among faculty, staff, and students and is an EO/AA Employer.