Imaging Scientist/Lab Manager – Oxygen Imaging

O2M Technologies is looking for highly motivated individual for the position of “Imaging Scientist – Lab Manager or Technician”. The new-hire will be responsible for performing EPR and MRI experiments on biomaterials, islet encapsulation devices, and other samples in vitro and in vivo. They will also be responsible for maintaining cell culture and animals in coordination with the lab manager. Part of the job will also be to manage the workshop and assist with the product development at O2M.

O2M Technologies is a dynamic startup company developing preclinical oxygen imaging instrument JIVA-25 based on EPRI (electron paramagnetic resonance imaging, similar to MRI). JIVA-25 is the world’s first preclinical oxygen imaging instrument designed for advanced preclinical oxygen measurement in live samples and rodents.

Join O2M Technologies, an equal opportunity employer, that achieves success through continuous team learning and individual growth. As part of a world-class team of scientists, clinicians, and engineers, which bring together a synergy of expertise, you will be constantly pushing the boundaries and redefining the possibilities of imaging in modern medicine.

Your Role

• Perform EPR imaging and MRI experiments on samples as needed.
• Maintain cell culture clean environment as expected of a professional wet lab.
• Maintain cells, animals, reagent, etc as needed for the ongoing projects.
• Design, perform and interpret data from ongoing experiments
• Demonstrate understanding and application of relevant scientific literature to the design of experimental protocols
• Assist with product development and pushing the boundaries of oxygen imaging as needed.
• Present results of experiments and findings in multidisciplinary team meetings
• Comply with standard laboratory practices and company policies

Key Qualifications:

• Self-motivated individual with a desire to provide professional quality report
• Ability to work independently but in coordination with other members of the team
• Highly organized with good record keeping skills
• Bachelor, Master or PhD in Physics, Chemistry, Bioengineering, Mechanical Engineering, or similar field.

Preferred Qualification

• Strong background in magnetic resonance experimental techniques that include experience performing NMR, EPR, MRI or EPRI experiments;
• Knowledge of pulse programming related to magnetic resonance experiments
• Knowledge of animal imaging using MRI or CT is a plus.
• Knowledge of workshop instruments such as CNC router, drill bits, 3D printing is a plus.

What we offer:

• Competitive salary and benefits
• Be a part of a dynamic company developing state-of-the-art technology in close contact with world-leading experts in diabetes research and imaging
• Possibility of publishing in high ranking peer review journals to maintain the visibility in the field

**Hours/Work Environment:** Laboratory environment. Full-time position.

**Background:** Eligibility to work in the USA.

**Location:** Chicago, IL, USA.

Interested candidate should an email to o2mapinfo@gmail.com with a cover letter highlighting their work along with current CV and contact details of 3 references. The screening of position will begin immediately and continue until it is filled.

O2M is an Equal Opportunity Employer. Minorities, women, veterans, and individuals with disabilities are encouraged to apply.