Biomaterials R&D Scientist
ABK Biomedical – Halifax, NS

Job Posted: 22/08/2017 – 22/09/2017

About Us
At ABK Biomedical we’re transforming interventional radiology by developing embolization technologies to simplify clinical procedures performed by interventional radiologists. ABK’s innovative technologies service a variety of unmet clinical and market needs in interventional oncology.

Career Opportunity – Biomaterials Research & Development Scientist
We’re searching for a dedicated Biomaterials Scientist to help us enhance our portfolio of imageable and degradable embolic microspheres.

Key Responsibilities
• Engage in the design and development of new degradable embolic technologies, and ensure that new microsphere technologies meet performance specifications, regulatory and manufacturing requirements.
• Produce required documentation for the Device History Record (DHR) in a timely manner, with adherence to good documentation practices (GDPs).
• Support project planning and project management activities.
• Liaise with internal and external stakeholders to develop and introduce new products and processes.
• Perform routine, high-temperature manufacture of glass microspheres by following released procedures.
• Conduct materials characterization and inspections on in-process and finished product to ensure product meets specification and standards.
• Potentially supervise and train technicians, and manage the lab and/or equipment.

Essential Qualifications
• PhD in biomedical science, biomedical engineering, or a closely related discipline.
• Minimum of 3 years’ experience in a biomaterials development environment supporting/developing intellectual property portfolios for biomedical materials, with specific emphasis on degradable glass structures; particularly high-borate (silicon-free) glass materials.
• Demonstrable experience in designing and evaluating the compositional, structural, and biological performance characteristics of degradable borate networks.
• Good mechanical aptitude, dexterity and hand-eye coordination. Must be able to reach, bend and lift on a daily basis and work with a high-temperature oven, hydrofluoric acid handling, and open flame.
• Experience in managing / liaising with contract research organizations to ensure timely development and implementation of contract testing.
• PC and software proficiency, including Microsoft Project.
• Knowledge of process analysis and optimisation, and basic process engineering.
• Report-writing expertise.
• Highly developed interpersonal and communication skills.

Compensation
$70,000 – $80,000 (CDN) per annum

To Apply
Please send your resume and cover letter to careers@abkbiomedical.com

We thank all applicants for their interest; however, only those selected for an interview will be contacted. ABK Biomedical is an equal opportunity employer and accommodates people with disabilities throughout the recruitment and selection process.