Postdoctoral Position

**Hypoxia targeted MRI Contrast agent development**

The ProBE lab (https://probelab.engineering.asu.edu/, Director: Prof Vikram Kodibagkar) at the Arizona State University, Tempe, in collaboration with the Barrow Neurological Institute of the St. Joseph’s Hospital, Phoenix, has an immediate postdoc opening in the field of preclinical MRI Contrast agent development. The ProBE lab focusses on MRI probe and technique development for cellular, molecular and metabolic imaging.

**Details:**
The successful candidates will join our effort to develop and test new small molecular hypoxia targeting contrasts agents for oncology as part of an NIH funded project. Activities will include contrast agent synthesis, purification, characterization and testing. Organizing and presenting data as part of routine meetings, conferences, or scientific manuscripts is expected. The selected individual will also assist with grant preparation and reporting.

**Working Environment:**
- Standard Lab Environment

**Required:**
- PhD in Chemistry or related field
- Strong background and experience in organic synthesis and characterization of small molecular MRI contrast agents as evidenced by publication record
- Familiarity with characterization and purification techniques (e.g. NMR, IR, ICP-MS, UV-Vis, MALDI-TOF, HPLC, etc.)
- Strong communication and interpersonal skills

**Preferred:**
- Experience with preclinical MRI and murine models
- Experience in working in a highly collaborative, multidisciplinary environment

**Arizona State University (ASU):**
ASU is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will be considered without regard to race, color, sex, religion, national origin, disability, protected veteran status, or any other basis protected by law.

All Interested candidates are invited to email their CV, cover letter and contact information of three references to Prof. Vikram Kodibagkar at Vikram.Kodibagkar@asu.edu.