Postdoctoral positions in the Advanced Imaging Research Center & Radiology

UT Southwestern Medical Center, Dallas

As one of country’s top medical schools and the only academic medical center in North Texas – with a faculty boasting 6 Nobel Prize winners – UT Southwestern Medical Center is proud to be recognized as one of the world’s foremost research institutions, and excited to offer research professionals the resources, support and funding to produce breakthrough work with global implications.

Two postdoctoral positions are available to work on a translational imaging project involving studies of a gadolinium-based MRI contrast agent that responds to release of zinc ions from tissues. Dr. Sherry and his team have recently shown that zinc is secreted from the mouse prostate in response to an increase in plasma glucose (http://www.pnas.org/content/113/37/E5464) and that malignant prostate cells release little to no zinc. Hence, the method could prove valuable for direct detection of prostate cancer (PCa) by MRI. A 3-year project funded by the Cancer Prevention & Research Institute of Texas (CPRIT) will support MRI studies in rodents and dogs, tissue histology markers of BPH and PCa, and quantitative measures of zinc content and distribution.

Requirements: MD or PhD in biomedical engineering, physics, chemistry or biology. Applicants with some prior experience in pre-clinical or clinical MRI, animal handling and physiology, and/or cancer biology will be given preference.

Please forward CV, a letter outlining prior experience, and the names of three references to dean.sherry@utsouthwestern.edu

UT Southwestern Medical Center is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans and individuals with disabilities are encouraged to apply.