

## **Synthetic Chemistry for Molecular Imaging Postdoctoral Researcher (Cyclotron & Radiochemistry Lab)**

A postdoctoral training position is available in the laboratory of [Dr. Xiankai Sun, Ph.D.](#) in the Radiology Department at UT Southwestern Medical Center to study design, synthesis, and biological evaluations of targeted imaging probes for noninvasive disease detection and therapy assessment. [The Sun Laboratory](#) has several exciting projects related to developing a world-class program of PET to support UT Southwestern's research initiatives so that we can add to the body of knowledge in cancer, metabolism, molecular genetics, and immunology with an ultimate goal of generating derivatives the benefit patient care. We have a recently established state-of-the-art [Cyclotron and Radiochemistry](#) facility and a preclinical nuclear imaging laboratory, which has a Siemens Inveon PET/CT Multimodality scanner, a Bioscan NanoSPECT/CT Plus system, an APECT 1T MRI system, and an Mediso NanoScan PET/CT system.

Candidates must hold a recent Ph.D. and/or M.D. degree. Experience in synthetic chemistry and career interest in molecular imaging leading to publication in peer-reviewed journals is recommended. Hands-on experience with small animal imaging, medical radioisotopes, and live animals is desirable, but not required.

Information on our postdoctoral training program, benefits, and a virtual tour can be found at <http://www.utsouthwestern.edu/postdocs>.

Interested individuals should send a CV, statement of interests, and a list of three references to:

**Xiankai Sun, Ph.D.**

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[Xiankai Sun, Ph.D. - Faculty Profile - UT Southwestern](#)

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