**Job Title:** Postdoctoral Research Associate, ANB-M (Phoenix, AZ)

**Posting Number:** P20647

**Job Description:**

The Center for Applied NanoBioscience and Medicine (ANB-M) seeks a Postdoctoral Research Associate to elucidate tissue-microbiome interactions in various 3D in vitro platforms and tissue engineering systems for a highly engaging position in collaboration with the Collaborative Center for Translational Mass Spectrometry at TGen.

Under the joint supervision of Dr. Zenhausern and Dr. Pirrotte, the Centers are currently seeking to hire a Postdoctoral Research Associate. This position involves design, execution, and supervision of technical personnel conducting experiments on the proteomics, metabolomics and biochemistry (e.g. signal transduction pathways) underlying the human tissue microbiome interactions in various biological systems using organs-on-chip as alternative to animal models to study the effects of environmental exposure (e.g. radiations, chemicals, bioagents).

The Postdoctoral Research Associate will be fully embedded in a highly prolific, multi-institutional collaboration. He/She will collaborate with other Scholars at UA and TGen as well as foster relations with researchers in microbiology and immunology. He/She will work closely with staff members at both Centers and at outside institutions. The incumbent will assume progressively more autonomous responsibilities for project development and execution with the aim of career maturation towards being an independent (extramurally-funded) scientist. The Postdoctoral Research Associate will assist in manuscript preparation, grant proposal development, and progress reports.

The University of Arizona College of Medicine – Phoenix anchors the 28-acre Phoenix Biomedical Campus in the heart of the Valley of the Sun. The College inspires and trains individuals to become exemplary physicians, scientists and leaders who are life-long learners and inquisitive scholars. We embrace professionalism, innovation and collaboration to optimize health and health care for all. The Phoenix Biomedical Campus embodies the University’s priorities of engagement, partnership, innovation, and synergy in its world-class academic and research initiatives, with clinical facilities throughout Greater Phoenix. The campus also houses the UA Colleges of Public Health, Pharmacy, and Nursing, as well as Northern Arizona University’s College of Health and Human Services, the Translational Genomics Research Institute (TGen) and the International Genomics Consortium.

Outstanding UA benefits include health, dental, vision, and life insurance; paid vacation, sick leave, and holidays; UA/ASU/NAU tuition reduction for the employee and qualified family members; access to UA recreation and cultural activities; and more!

The University of Arizona has been listed by Forbes as one of America’s Best Employers in the United States and WorldatWork and the Arizona Department of Health Services have recognized
us for our innovative work-life programs. For more information about working at the University of Arizona and relocation services, please [click here].

If Interested, please contact Dr. Frederic Zenhausern at fzenhaus@email.arizona.edu.