

POSTDOCTORAL / PhD STUDENT POSITION

A full-time research position is available in the laboratory of Dr. Roy Morello, PhD in the Department of Physiology & Biophysics at the University of Arkansas for Medical Sciences (UAMS), in Little Rock, AR. The interest of the lab is to study the function of novel genes that affect skeletal formation, homeostasis and disease. The position will be focused on studying the role of Leprecan genes in bone biology, osteogenesis imperfecta and collagen modification with the use of genetically modified mouse models (see *Morello R et al, Cell 127(2), 291-304, 2006; Gruenwald K et al.: 'Sc65 is a novel endoplasmic reticulum protein that regulates bone mass homeostasis'. JBMR 2013*).

A Ph.D. is required however senior PhD students willing to spend at least 2 years abroad will also be considered.

Desirable candidates must possess: a strong laboratory experience, a solid background in molecular/cellular biology and animal experimentation, and an inner motivation to succeed in a focused scientific environment.

Annual salary range for PhDs is \$34,000-38,000 and to be discussed for PhD students. Benefits, including retirement contributions and vacation time, are also available for post-docs. Position is available immediately (May - June 2014) or until suitable candidates are found. Sponsorship for a J-1 visa through the UAMS visa sponsorship program is also available.

The Dept. of Physiology & Biophysics is part of UAMS, the state's only comprehensive academic health center, with five colleges, a graduate school, a new 540,000-square-foot hospital, six centers of excellence and a statewide network of regional centers. State of the art Core facilities designed to advance basic, clinical and translational research include the Flow Cytometry Core, Digital Microscopy Lab, Proteomics Core, DNA Sequencing and Genomics Core, Skeletal Phenotyping Core and others (for more information visit <http://uams.edu/>)

For inquiries or to send applications (Curriculum Vitae with references) please contact:

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