Postdoctoral Position

The Zhang Lab is looking for a postdoctoral scholar. We are a very collegial and diverse group working on an exciting new research area integrating autophagy, metabolism and redox signaling in the context of cardiovascular and Alzheimer’s diseases in the Department of Pathology and the Center for Free Radical Biology at the University of Alabama at Birmingham. We have a strong track record in developing Post-Docs in their independent careers.

Responsibilities:
Taking the initiative in finding solutions to scientific problems in day to day research
Collegially and professionally engage in collaborations with peers
Investigating autophagy, metabolism and redox signaling in cultures of neurons, astrocytes and microglia, and mouse models
Present original research at scientific meetings and publish research results with high rigor and reproducibility in peer reviewed high impact scientific journals.

Minimum qualifications:
PhD in Biochemistry, Cell Biology, Neuroscience or related field.
Demonstrated creativity, independent, high motivation, and good communication skills
Strong work ethic and the ability to work both independently and in a team.

Preferences:
Experience in working with translational models
Experience in cell culture
Experience in microscopy and immunohistochemistry
Experience in basic molecular biology techniques
Experience in writing and publishing research articles

Those interested in the position should email a cover letter with a summary of research experience, interest and objectives, a current CV and contact information for 3 references to Dr. Jianhua Zhang (zhanja@uab.edu).

Application review will begin immediately and will continue until a suitable candidate is selected.

Example of a prior postdoc publications: