Shile Huang, PhD Professor, Biochemistry and Molecular Biology LSU Health Shreveport

Education and Training

Anhui Agricultural University, Hefei, China	B.S.	07/1984	Veterinary Medicine
Nanjing Agricultural University, Nanjing, China	M.S.	10/1987	Vet Pharmacol & Toxicol
University of Salzburg, Salzburg, Austria	Ph.D.	07/1997	Neurobiol & Animal Physiol
University of Tennessee, Memphis, TN	Postdoc	11/1998	Physiology & Biophysics
St. Jude Children's Research Hospital, Memphis, TN	Postdoc	07/2003	Molecular Pharmacology



Dr. Shile Huang is a professor in the Department of Biochemistry and Molecular Biology and adjunct professor in the Department of Hematology and Oncology, LSU Health Shreveport, LA. His lab has extensive experience in studying the mTOR signaling in human health and diseases as well as the mechanisms of the biological action of small molecules. His research interests include:

- The role of mTOR signaling in tumor cell survival and motility, as well as lymphangiogenesis;
- The mechanisms of anti-cancer action of small molecules (e.g., curcumin, cryptotanshinone, dihydroartimisinin, and ciclopirox);
- The neurotoxicity of cadmium and its prevention;
- The role of Akt/mTOR and Erk1/2 signaling in B cell proliferation and survival.

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