



Department: School of Biotechnology

Professional field: Biotechnology, Biochemistry and molecular Biology

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Profile

EDUCATION

Ph.D, College of Chemistry and chemical Engineering, Lanzhou University, Lanzhou, China, Jul. 2001 (Biochemistry Major)

MSc, School of Life Sciences, Lanzhou University, Lanzhou, China, Jul. 1998 (Developmental Biology and Biochemistry Major)

BSc, School of Life Sciences, Shanxi Normal University, Xi'an, China, Jul. 1995

RESEARCH & WORKING EXPERIENCE

Jul. 2009, Professor, State Key Laboratory of Bioreactor Engineering, East China University of Science and Technology, Shanghai, China

April 2006 - present, Postdoctoral fellow, Department of Hematopathology, The University of Texas M. D. Anderson Cancer Center, Houston, Texas

Jan. 2005 - Jan. 2008, Visiting Investigator of Northwest Institute of Plateau Biology, Chinese Academy of Sciences, Xining, China

Jul. 2003 - April 2006, Associate Professor, State Key Laboratory of Bioreactor Engineering, East China University of Science and Technology, Shanghai, China

Sep.2001- Jul.2003, Postdoctoral Fellow, School of Life Sciences, Xiamen University, Xiamen, China

Research Field

Cellular metabolic regulation of active molecules

Chemical Biology of cancer

Nanobiotechnology

Research results and selected published papers

Total over 100 publication.

Selected Research Articles(*corresponding author):

1. Wang S, Wang J, Liu Y, Li H, Wang Q, Huang Z, Liu W*, Shi P*. Trivalent Chromium Supplementation Ameliorates Oleic Acid-induced Hepatic Steatosis in Mice. *Biol. Trace Elem. Res.*2019, 187:192-201.
2. Wang R, Dong K, Xu G, Shi Ben, Zhu T, Shi P*, Guo Z, Zhu W, Zhao C*. Activatable Near-Infrared Emission-Guided On-Demand Administration of Photodynamic Anticancer Therapy with a Theranostic Nanoprobe. *Chem. Sci.*2019, 10:2785-2790.
3. Zhang X, Wang S, Hu L, Wang J, Liu Y, Shi P*. Gemfibrozil reduces lipid accumulation in SMMC-7721 cells via the involvement of PPAR α and SREBP1. *Exp. Ther. Med.*2019, 17:1282-1289.
4. Xin Y, Dong K, Cao F, Tian Y, Sun J, Peng M, Liu W*, Shi P*. Studies of hTERT DNA methylation assays on the human age prediction. *Int. J. Legal Med.*2019, 113:1333-1339.
5. George B , George S K , Shi W , Haque A , Shi P, Eskandari G, Axelson M, Larsson O, Kaseb A O, Amin H M*. Dual inhibition of IGF-1R and ALK as an effective strategy to eradicate NPM-ALK+, T-cell lymphoma. *J. Hematol. Oncol.*2019, 12:80.
6. Yan C, Wang S, Wang J, Li H, Huang Z, Sun J, Peng M, Liu W*, Shi P*. Clotrimazole induces G2/M cell cycle arrest through the up-regulation of TDH3 in *Saccharomyces cerevisiae*. *Microbiol. Res.*2108, 214: 1-7.
7. Liu Y, Zhu P, Huang Z*, Zhou L, Shi P*. Simultaneous detection of 5-fluorocytosine and 5-fluorouracil in human cells carrying CD/5-FC suicide gene system by using capillary zone electrophoresis. *J. Chromatogr. B* 2018, 1076: 1-7.
8. Sun P, Wang S, Wang J, Sun J*, Peng M, Shi P*. The involvement of iron in chemerin induced cell cycle arrest in human hepatic carcinoma SMMC7721 cells. *Metallomics* 2018,10:838-845.
9. Wang J, Wang S, Yan C, Deng Y, Huang Z, Shi P*. Mass Spectrometry-Based Proteomic Analysis Reveals the Interacting Partners of Lipin1. *IUBMB Life* 2018, 70: 753-762.
10. Hu L, Zhang X, Wang J, Wang S, Amin HM, Shi P*. Involvement of oncogenic tyrosine kinase NPM-ALK in trifluoperazine-induced cell cycle arrest and apoptosis in ALK+ anaplastic large cell lymphoma. *Hematology*2018, 23:284-290.
11. Wang J, Wang S, Sun P, Cao F, Li H, Sun J, Peng M, Liu W*, Shi P*. Iron depletion participates in the suppression of cell proliferation induced by lipin1 overexpression. *Metallomics* 2018, 10: 1307-1314.