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李卓玉 教授

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李卓玉，女，山西大学生命科学学院教授（二级），博士生导师。现任山西大学生命科学学院院长，党委副书记；山西大学生物研究所所长。

1986年本科毕业于山西大学生命科学学院，随后在山西大学生物技术研究所获得硕士学位；2001年以优异的成绩博士毕业于Kaiserslautern大学生物化学系，随后进入英国Dundee大学生物医学中心从事肿瘤细胞Wnt信号的调控研究。2009年8月全职赴生物技术研究所工作。2010年入选山西省海外引进“百人计划”。

李卓玉教授多年来一直从事分子肿瘤学及天然产物药物干预的研究，主要集中在：肿瘤细胞能量代谢及信号通路中关键蛋白理；天然产物中功能分子的提取及其抗肿瘤的分子机制；环境因子诱发肿瘤分子毒理及靶点筛查。已经在Cancer Research, Oncotarget, Archives of Toxicology, Journal of Agriculture and Food Chemistry 等国内外高端杂志发表论文80余篇，SCI 100余篇，包括高影响因子论文多篇。相关研究获批国家发明专利8项，在国际基因库发表抗癌新基因1个。应用生物技术手段分别获得及地皮菜来源的抗肿瘤活性物质，在细胞水平和裸鼠水平可以有效的抑制肿瘤的生长。

负责项目

2015.11-2018.11：山西省回国留学人员科研资助项目（30万）
 2015.01-2015.12：主持山西省平台项目（15万），项目编号：2015091015
 2013-2016：主持国家自然科学基金一项（85万），项目编号：31271516
 2011-2012：主持国家基金一项（15万），项目编号：81150026
 2011-2014：主持高等学校博士基金一项（12万）项目编号：20111401110011
 2010-2011：主持国家基金一项（10万），项目编号：31040018
 2010-2013：主持山西省海外百人项目一项（100万），已结题
 2010-2012：主持山西省留学基金一项（10万）；省人才引进专项（30万）
 2003-2005：主持国家基金一项（20万，已结题），项目编号：30270292
 1997-2003：主持多个山西省青年基金、山西省自然科学基金、山西省留学基金项目。

社会工作

2015年1月：《中国细胞生物学学报》第七届编委
 2014年5月：山西省第七届微生物学会理事长
 2014年7月：山西省欧美同学会第二届常务理事

获得荣誉

2017年：山西省五一劳动奖章、山西省教科文卫系统五一劳动奖章
 2016年：山西省高等学校科学技术成果奖自然科学类一等奖（山西省教育厅）
 2016年：中国产学研合作个人创新奖
 2014年：全国优秀科技工作者
 2014年：第六届“山西省十佳中青年优秀科技工作者”
 2013年：第七届山西省优秀科技工作者
 2013年：浙江省“钱江学者”
 2013年：山西省“131”领军人才
 2012年：山西省学术技术带头人

2010年：山西省“百人计划”海外引进人才

2010年：山西省科技奉献奖“先进个人二等奖”（山西省科协）

2010年：山西省高等学校科学技术成果奖自然科学类一等奖（山西省教育厅）

2010年：山西省自然科学三等奖（山西省科技厅）

近年发表论文:

1. Xiaoqin La, Lichao Zhang, Zhuoyu Li, Peng Yang, Yingying Wang. Berberine-induced autophagic cell death by elevated GRP78 levels in cancer cells. *Oncotarget*. 2017, 8 (13): 20909-20924. **IF: 5.008**
2. Ruijun Su, Xiaoting Jin, Weifang Zhang, **Zhuoyu Li***, Xiaona Liu, Jie Ren. Particulate matter exposure induces the activation of macrophages via oxidative stress-mediated PI3K/AKT/mTOR pathway. *Chemosphere*. 2017, 167, 444-453. **IF 3.69**
3. Li Song, Linlin Guo, **Zhuoyu Li***. Molecular mechanisms of 3,3',4,4',5-pentachlorobiphenyl-induced epithelial-mesenchymal transition in human hepatocellular carcinoma cells. *Toxicology and Applied Pharmacology*. 2017, 322, 75-88. **IF 3.8**
4. Yingying Wang#, Haili Wu#, Peng Yang, Zongwei Li, **Zhuoyu Li***. A positive feedback loop between GRP78 and VAMP1 is critical for GRP78-mediated autophagy in cancer cells. *Experimental Cell Research*. 2017, 351 (1): 24-35. **IF: 3.378**
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7. Haili Wu, Yingying Wang, Changxin Wu, Peng Yang, Hanqing Li, **Zhuoyu Li***. Resveratrol induced cancer cell apoptosis through miR-326/PKM2 mediated ER stress and mitochondrial fission. *Journal of Agricultural and Food Chemistry*. 2016, 64(19): 9356-9367. **IF: 2.857**
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9. Lichao Zhang, Zongwei Li, Tonglin Shi, Xiaoqin La, Hanqing Li, **Zhuoyu Li***. Design, purification and assessment of a novel binding peptide-linked Subunit A of Subtilase cytotoxic for targeting cancer cells. *BMC biotechnology*. 2016, 16(1): 1-10. **IF: 2.45**
10. Xiaoting Jin, Ruijun Su, Ruijin Li, Li Song, Meilan Chen, Long Cheng, **Zhuoyu Li***. Amelioration of particulate matter-induced oxidative damage by vitamin C and quercetin in human bronchial epithelial cells. *Chemosphere*. 2016, 144, 459-466. **IF 3.69**
11. Xiaoting Jin, Meilan Chen, Ruijin Li, Quan An, Li Song, Yi Zhao, Hong Xiao, Long Cheng, **Zhuoyu Li***. Progression and regulation of inflammation of human myeloid leukemia induced by ambient PM2.5 exposure. *Archives of Toxicology*. 2016, 90(8), 1938. **IF 6.68**
12. Xiaoting Jin, Li Song, **Zhuoyu Li***, Ian P. Newton, Meirong Zhao M, Weiping Liu. Dichlorodiphenyldichloroethylene (DDE) exposure reduces r-GCS via suppressed Nrf2 in HepG2 cells. *Environ Toxicol*. 2016, 31(3): 350-359. **IF 2.7**
13. Min Guo, GuoBin Ding, Peng Yang, Lichao Zhang, Haili Wu, Hanqing Li, **Zhuoyu Li***. Migration Suppression of Small Cell Lung Cancer by Polysaccharides from *Nostoc commune* Vaucher. *J. Agric. Food Chem*. 2016, 64, 6277-6285. **IF 2.91**
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15. Tonglin Shi, Cao Zhao **Zhuoyu Li***, Quanbin Zhang, Xiaoting Jin. Bisphenol A exposure promotes the migration of cancer cells via estrogen receptor-mediated integrin β 1/MMP-9 pathway. *Environ Toxicol*. 2016, 31(7): 799-807. **IF 2.7**
16. Peng Yang, Zhuoyu Li, Hanqing Li*, Potential roles of protease inhibitors in cancer progression. *Asian Pac J Cancer Res*. 2015, 16 (18), 8047-8052. **IF 2.514**
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65. 史江颖, 单树花, 李宗伟, 郭松佳, 史通麟, **李卓玉***. 谷糠结合态多酚对四种肿瘤细胞增殖的抑制作用. *营养学报*. 2015, 37, 677-679.
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