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研究方向:

病毒-宿主互作用和比较医学研究

牛羊和外来动物疫病诊断和防制技术和产品研发

个人简介:

韩国培材大学基因工程专业, 1998 年获学士学位, 2001 年获硕士学位, 2005 年获博士学位。2005-2007 年, 韩国忠南国立大学生物技术研究所从事研究工作, 期间获韩国博士后研究基金项目资助; 2007-2013 年, 美国加州大学戴维斯分校兽医学院比较肿瘤学研究中心博士后, 承担和参与了 4 项 NIH 基金项目研究; 2013 年 6 月作为“引进高层次人才”到南京农业大学动物医学院工作。从蛋白降解、基因转录和转录后调节等方面研究蛋白内稳态调控在肿瘤和病毒感染中的作用机制。在 PNAS、JID、MCB 和 JBC 等国际知名刊物共发表 SCI 论文 30 余篇; 获得中国、日本、美国、加拿大、澳大利亚和韩国等国专利 12 项。任 J Biol Chem, Oncogene, J Cell Sci 等期刊论文评审人。目前主要从以下几方面开展工作: 研究蛋白内稳态调控在动物肿瘤性疾病和病毒致病过程中的作用机理, 发现新的诊断标志物和抗病毒新靶点; 非洲猪瘟、蓝舌病、小反刍兽疫、牛病毒性腹泻等疫病诊断防制技术和产品研发。

科研项目:

1. 南京农业大学引进人才启动经费
2. 江苏省优势学科人才引进启动经费
3. 中央高校基本业务费 (项目编号 Y021300526)

荣誉奖项: “生泰尔”奖教金 (2014 年)

发明专利:

1. Jung YS, Kim E, Kim NJ, Lee YS, Suh JH, Suh Kim HY, Yi KY, and Yoo SE. Aminopyrazole derivatives, process for the preparation thereof, an



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2. Jung YS, Kim E, Kim NJ, Lee YS, Suh JH, Suh Kim HY, Yi KY, and Yoo SE. Aminopyrazole derivatives, process for the preparation thereof, and composition for preventing or treating ischemic diseases containing the same. 2012, Japan, 2009-534498.
 3. Jung YS, Kim E, Kim NJ, Lee YS, Suh JH, Suh Kim HY, Yi KY, and Yoo SE. Aminopyrazole derivatives, process for the preparation thereof, and composition for preventing or treating ischemic diseases containing the same. 2011, USA, 7939550.
 4. Jung YS, Kim E, Kim NJ, Lee YS, Suh JH, Suh Kim HY, Yi KY, and Yoo SE. Aminopyrazole derivatives, process for the preparation thereof, and composition for preventing or treating ischemic diseases containing the same. 2011, Canada, 266975.
 5. Jung YS, Kim E, Kim NJ, Lee YS, Suh JH, Suh Kim HY, Yi KY, and Yoo SE. Aminopyrazole derivatives, process for the preparation thereof, and composition for preventing or treating ischemic diseases containing the same. 2011, Australia, 2007309854.
 6. Seo JH, Yoo SE, Yi KY, Kim N, Kim E, Jung YS, Lee YS, Suh Kim H Y. Benzofuran and Benzothiophene derivatives substituted by amide, process for the preparation thereof, and pharmaceutical compositions containing the same. 2010, Korea patent no. 10-2007-0103244.
 7. Seo JH, Yoo SE, Yi KY, Kim N, Kim E, Jung YS, Lee YS, Suh Kim H Y. Composition for preventing or treating an ischemic disease containing aminothiophene derivatives. 2008, Korea patent no. 10-0860539.
 8. Seo JH, Yoo SE, Yi KY, Kim N, Kim E, Jung YS, Lee, YS, Suh Kim HY. N-phenylamide derivatives and preparation method thereof. 2008, Korea patent no. 10-0832751.
 9. Seo JH, Yoo SE, Kim N, Kim E, Jung YS, Lee YS, Suh Kim HY. Composition for preventing or treating an ischemic disease containing N-pheny

- lamide derivatives. 2008, Korea patent no. 10-0832750.
10. Jung YS, Kim E, Kim N, Lee YS, Seo JH, Suh Kim HY, Yi KY and Yoo SE. Aminopyrazole derivatives, process for the preparation thereof, and composition for preventing or treating ischemic diseases containing the same. 2008, Korea patent no 10-0832747.
 11. Kim E, Lee YS, Jung YS, Yoo SE, Seo JH, Chae SK, and Lee KJ. Composition for treating an ischemic disease comprising a human FAF1 protein inhibitor as an active ingredient. 2008, Korea patent no. 10-0818752.
 12. Jung YS, Lee DH, Kim E, and Lim H. Human Daxx protein and a fragment thereof as binding agents of human NHE1 ion channel protein. 2006, Korea patent no. 10-0597615-0000.

近年代表性论著:

1. Liu K, Qian Y, Jung YS, Zhou B, Cao R, Shen T, Shao D, Wei J, Ma Z, Chen P, Zhu H, Qiu Y. mosGCTL-7, a C-type lectin protein, mediates Japanese encephalitis virus infection in mosquitoes. 2017 *J Virol*. Mar 1. doi: 10.1128/JVI.01348-16. [Epub ahead of print]
2. Yan W, Scoumanne A, Jung YS, Xu E, Zhang J, Zhang Y, Ren C, Sun P and Chen X. Mice deficient in poly(C)-binding protein 4 are susceptible to spontaneous tumors through increased expression of ZFP871 that targets p53 for degradation. *Genes Dev*. 2016 30(5):522-34.
3. Liu XD, Qian Y, Jung YS* and Chen PY. Isolation and immunomodulatory activity of bursal peptide, a novel bursal peptide from the chicken bursa of Fabricius. *J Vet Sci* 2015 16(4):501-7.
4. Cho SJ, Teng IF, Zhang M, Yin T, Jung YS, Zhang J and Chen X. Hypoxia-inducible factor 1 alpha is regulated by RBM38, a RNA-binding protein and a p53 family target, via mRNA translation. *Oncotarget* 2015 6(1):305-16.
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6. Yan W, Jung YS, Zhang Y and Chen X. Arsenic trioxide reactivates proteasome-dependent degradation of mutant p53 protein in cancer cells in part

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7. Qian Y, Zhang J, Jung YS, Chen X. DEC1 coordinates with HDAC8 to differentially regulate TAp73 and Δ Np73 expression. *PLoS One*. 2014 Jan 3;9(1):e84015.
 8. Jung YS, Qian Y, Yan W, and Chen X. Pirh2 E3 ubiquitin ligase modulates keratinocyte differentiation through p63. 2013 *J. Invest. Dermatol.*, 133(5):1178-87. **(Top 1 in the dermatology field; Featured on MDlinx.com)**.
 9. Cho SJ, Rossi A, Jung YS, Yan W, Liu G, Zhang J, Zhang M, Chen X. Ninjurin1, a target of p53, regulates p53 expression and p53-dependent cell survival, senescence, and radiation-induced mortality. *Proc Natl Acad Sci USA*. 2013;110(23):9362-7.
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 11. Yan W, Chen X, Zhang Y, Zhang J, Jung YS, Chen X. Arsenic suppresses cell survival via Pirh2-mediated proteasomal degradation of Δ Np63 protein. *J Biol Chem*. 2013; 288(5):2907-13.
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 13. Jung YS, Qian Y, and Chen X. DNA polymerase eta is targeted by Mdm2 for polyubiquitination and proteasomal degradation in response to ultraviolet irradiation. *DNA Repair (Amst)* 2012; 11(2), 177-184.
 14. Jung YS, Qian Y, and Chen X. Pirh2 RING-finger E3 ubiquitin ligase: Its role in tumorigenesis and cancer therapy. *FEBS Lett* 2012; 586, 1397-1402.
 15. Yan W, Zhang J, Zhang Y, Jung YS, Chen X. P73 expression is regulated by RNPC1, a target of the p53 family, via mRNA stability. *Mol Cell Biol*. 2012; 32, 2336-2348.
 16. Cho SJ, Jung YS, Zhang J, Chen X. The RNA-binding Protein RNPC1 Stabilizes the mRNA Encoding the RNA-binding Protein HuR and Cooperates with HuR to Suppress Cell Proliferation. *J Biol Chem* 2012;

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functional coupling between Daxx and sodium hydrogen exchanger isoform 1, an implication regarding Daxx role in ischemic stress-induced cell death. *J Biol Chem* 2008; 283, 1018-1025.

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