



碧云天生物技术/Beyotime Biotechnology
订货热线: 400-1683301或800-8283301
订货e-mail: order@beyotime.com
技术咨询: info@beyotime.com
网址: http://www.beyotime.com

PBS

产品编号	产品名称	包装
C0221A	PBS	500ml

产品简介:

- 碧云天生产的PBS (Phosphate-Buffered Saline), 含135mM NaCl, 4.7mM KCl, 10mM Na₂HPO₄, 2mM NaH₂PO₄, pH值为7.3 ± 0.1。
- 本PBS溶液经过除菌处理, 可以直接用于细胞培养过程中细胞的洗涤或其他常规用途。

包装清单:

产品编号	产品名称	包装
C0221A	PBS	500ml
—	说明书	1份

保存条件:

4°C保存, 半年有效。-20°C保存一年有效。本产品可以短期室温存放。

注意事项:

- 在使用PBS的过程中要特别注意避免溶液被微生物污染。
- 本产品仅限于专业人员的科学的研究用, 不得用于临床诊断或治疗, 不得用于食品或药品, 不得存放于普通住宅内。
- 为了您的安全和健康, 请穿实验服并戴一次性手套操作。

使用本产品的文献:

1. Schwarz S, Wang K, Yu W, Sun B, Schwarz W. Emodin inhibits current through SARS-associated coronavirus 3a protein. *Antiviral Res.* 2011 Apr;90(1):64-9.
2. Lv YP, Wang Q, Wu CC, Pei RJ, Zhou Y, Wang Y, Chen XW. Putative phosphorylation sites on WCA domain of HA2 is essential for *Helicoverpa armigera* single nucleopolyhedrovirus replication. *Virol Sin.* 2011 Aug;26(4):245-51.
3. Wang SJ, Liu WJ, Wu CJ, Ma FH, Ahmad S, Liu BR, Han L, Jiang XP, Zhang SJ, Yang LG. Melatonin suppresses apoptosis and stimulates progesterone production by bovine granulosa cells via its receptors (MT1 and MT2). *Theriogenology.* 2012 Oct 15;78(7):1517-26.
4. Yang X, Jing H, Zhao K, Sun R, Liu Z, Ying Y, Ci L, Kuang Y, Huang F, Wang Z, Fei J. Functional imaging of Rel expression in inflammatory processes using bioluminescence imaging system in transgenic mice. *PLoS One.* 2013;8(2):e57632.
5. Wu YR, Gong QF, Fang H, Liang WW, Chen M, He RJ. Effect of *Sophora flavescens* on non-specific immune response of tilapia (*GIFT Oreochromis niloticus*) and disease resistance against *Streptococcus agalactiae*. *Fish Shellfish Immun.* 2013 Jan;34(1):220-7.
6. Li Q, Zhou X, Shi Y, Li J, Zheng L, Cui L, Zhang J, Wang L, Han Z, Han Y, Fan D. In vivo tracking and comparison of the therapeutic effects of MSCs and HSCs for liver injury. *PLoS One.* 2013 Apr 30;8(4):e62363.
7. Yan J, Zhou Y, Chen D, Li L, Yang X, You Y, Ling X. Effects of mitochondrial translocation of telomerase on drug resistance in hepatocellular carcinoma cells. *J Cancer.* 2015 Jan 5;6(2):151-9.
8. Li Y, Xiao S, Dan L, Xue M. P16INK4A is required for cisplatin resistance in cervical carcinoma SiHa cells. *Oncol Lett.* 2015 Mar;9(3):1104-1108.
9. Li CX, Shen SM, Wang LS, Yu Y. Caspase-3-resistant uncleavable form of acidic leucine-rich nuclear phosphoprotein 32B potentiates leukemic cell apoptosis. *Mol Med Rep.* 2015 Apr;11(4):2813-8.
10. Wu SF, Xu G, Ye GY. Characterization of a tyramine receptor type 2 from hemocytes of rice stem borer, *Chilo suppressalis*. *J Insect Physiol.* 2015 Apr;75:39-46.
11. Ye Y, Miao S, Wang Y, Zhou J, Lu R. 3,3'-diindolylmethane potentiates tumor necrosis factor-related apoptosis-inducing ligand-induced apoptosis of gastric cancer cells. *Oncol Lett.* 2015 May;9(5):2393-2397.
12. Wen R, Hu S, Xiao Q, Han C, Gan C, Gou H, Liu H, Li L, Xu H, He H, Wang J. Leptin exerts proliferative and anti-apoptotic effects on goose granulosa cells through the PI3K/Akt/mTOR signaling pathway. *J Steroid Biochem.* 2015 May;149:70-9.
13. Li H, Da LJ, Fan WD, Long XH, Zhang XQ. Transcription factor glioma-associated oncogene homolog 1 is required for transforming growth factor-β1-induced epithelial-mesenchymal transition of non-small cell lung cancer cells. *Mol Med Rep.* 2015 May;11(5):3259-68.
14. Zhang L, Ding X, Nie S, Li-Ling J, Zhang Y, Zhang H, Chen L, Li L, Ding M. Association of hsa-miR 145 overexpression in human testicular cells with male infertility. *Mol Med Rep.* 2015 Jun;11(6):4365-72.
15. Zhu J, Liu F, Wu Q, Liu X. Activin A regulates proliferation, invasion and migration in osteosarcoma cells. *Mol Med Rep.* 2015 Jun;11(6):4501-7.
16. Qu D, Xu XM, Zhang M, Jiang TS, Zhang Y, Li SQ. Cbl participates in shikonin-induced apoptosis by negatively regulating phosphoinositide 3-kinase/protein kinaseB signaling. *Mol Med Rep.* 2015 Jul;12(1):1305-13.
17. Liu MN, Liu AY, Du YJ, Pei FH, Wang XH, Chen J, Liu D, Liu BR. Nitrogen permease regulator-like 2 enhances sensitivity to oxaliplatin in colon cancer cells. *Mol Med Rep.* 2015 Jul;12(1):1189-96.
18. Wang Q, Xu D, Han C, Tu M, Du Q, Zhang J, Zhu Y, Xu L. Overexpression of serine/threonine-protein kinase-1 in pancreatic cancer tissue: Serine/threonine-protein kinase-1 knockdown increases the chemosensitivity of pancreatic cancer cells. *Mol Med Rep.* 2015 Jul;12(1):475-81.
19. Kong D, Wang X, Wang X, Wang X, Chen X, Ji G, Fu X, Wang S. Design, expression and characterization of single chain Fv, Mms13 and the single chain Fv mms13 fusion protein. *Mol Med Rep.* 2015 Jul;12(1):1213-8.
20. Wei W, Li L, Wang X, Yan L, Cao W, Zhan Z, Zhang X, Yu H, Xie Y, Xiao Q. Overexpression of caudal type homeobox transcription factor 2 inhibits the growth of the MGC-803 human gastric cancer cell line in vivo. *Mol Med Rep.* 2015 Jul;12(1):905-12.
21. Chen J, Zhu H, Zhang Y, Cui MH, Han LY, Jia ZH, Wang L, Teng H,

- Miao LN.Low expression of phosphatase and tensin homolog in clear cell renalcellcarcinoma contributes tochemoresistance through activating the Akt/HDM2 signaling pathway.*Mol Med Rep.* . 2015 Aug;12(2):2622-8..
22. Chen J, Zhu H, Zhang Y, Cui MH, Han LY, Jia ZH, Wang L, Teng H, Miao LN.Low expression of phosphatase and tensin homolog in clear cell renalcellcarcinoma contributes tochemoresistance through activating the Akt/HDM2 signaling pathway.*Mol Med Rep.* . 2015 Aug;12(2):2622-8.
 23. Wang XH, Liu MN, Huang P, Xu J, Liu AY, Chen J, Lv CQ, Xu RL.Simultaneous silencing of β -catenin and signal transducer and activator of transcription 3 synergistically inducesapoptosis and inhibits cell proliferation in HepG2 liver cancer cells.*Mol Med Rep.* . 2015 Aug;12(2):2263-8.
 24. Zeng X, Tan X.Epigallocatechin-3-gallate and zinc provide anti-apoptotic protection against hypoxia/reoxygenation injury inH9c2 rat cardiac myoblast cells.*Mol Med Rep.* . 2015 Aug;12(2):1850-6
 25. Tang H, Li RP, Liang P, Zhou YL, Wang GW.miR-125a inhibits the migration and invasion of liver cancer cells via suppression ofthe PI3K/AKT/mTOR signalingpathway.*Oncol Lett.* . 2015 Aug;10(2):681-686
 26. Yuan F, Wang W.MicroRNA-802 suppresses breast cancer proliferation through downregulation of FoxM1.*Mol Med Rep.* . 2015 Sep;12(3):4647-51.
 27. Liu Y, Jiao R, Ma ZG, Liu W, Wu QQ, Yang Z, Li FF, Yuan Y, Bian ZY, Tang QZ.Sanguinarine inhibits angiotensin II-induced apoptosis in H9c2 cardiac cells via restoring reactive oxygenspecies-mediated decreases inthe mitochondrial membrane potential.*Mol Med Rep.* . 2015 Sep;12(3):3400-8
 28. Yong Fa Zheng Wei Ge Hui Lin Xu De Dong Cao Liang Liu Ping Po MingChang Hu Li Xi Ming Xu ,Wei Ping Tao Ze Zhang Tao.Endostar enhances the antitumor effects of radiation by affecting energy metabolism and alleviating the tumor microenvironment in a Lewis lung carcinoma mouse model.*Oncology Letters* . 2015 Nov;10(5):3067-72.
 29. Liang Meng, Weidong Xu, Lihong Guo, Wenqi Ning, Xiandong Zeng.Paeonol Inhibits the Proliferation, Invasion, and Inflammatory Reaction Induced by TNF- α in Vascular Smooth Muscle Cells.*Cell Biochemistry and Biophysics* . 2015 Nov;73(2):495-503.
 30. Li Z, Long Y, Zhong L, Song G, Zhang X, Yuan L, Cui Z, Dai H. RNAsequencing provides insights intothetoxicogenomic response of ZF4 cells to methyl methanesulfonate.*J Appl Toxicol.* 2016 Jan;36(1):94-104.
 31. He H, Chang R, Zhang T, Yang C, Kong Z.ATM mediates DAB2IP-deficient bladder cancer cell resistance to ionizing radiation through the p38MAPK and NF- κ B signaling pathway.*Mol Med Rep.* . 2017 Aug;16(2):1216-1222.
 32. Zhang L, Zhou L, Song X, Liang G, Xu Z, Wang F, Huang F, Jiang G.Involvement of exogenous 3 deoxyglucosone in β cell dysfunction induces impaired glucose regulation.*Mol Med Rep.* . 2017 Sep;16(3):2976-2984.
 33. Liu J, Wang F, Liu S, Du J, Hu X, Xiong J, Fang R, Chen W, Sun J.Sodium butyrate exerts protective effect against Parkinson's disease in mice via stimulation of glucagon like peptide-1.*J Neurol Sci.* . 2017 Oct 15;381:176-181.
 34. Yaoi X, Lu B, Lü C, Bai Q, Yan D, Xu H.Taraxerol Induces Cell Apoptosis through A Mitochondria-Mediated Pathway in HeLa Cells.*Cell J.* . 2017 Oct;19(3):512-519.
 35. Liang B, Xiao T, Long J, Liu M, Li Z, Liu S, Yang J.Hydrogen sulfide alleviates myocardial fibrosis in mice with alcoholic cardiomyopathy by downregulating autophagy.*Int J Mol Med.* . 2017 Dec;40(6):1781-1791. (IF 3.098) .
 36. Fan Y,Luo R,Su LY,Xiang Q,Yu D,Xu L,Chen JQ,Bi R,Wu DD,Zheng P,Yao YGDoes the Genetic Feature of the Chinese Tree Shrew (*Tupaia belangeri chinensis*) Support Its Potential as a Viable Model for Alzheimer's Disease Research?*J Alzheimers Dis.* . 2018;61(3):1015-1028..
 37. Fu C,Yin D,Nie H,Sun DNotoginsenoside R1 Protects HUVEC Against Oxidized Low Density Lipoprotein (Ox-LDL)-Induced Atherogenic Response via Down-Regulating miR-132.*Cell Physiol Biochem.* . 2018;51(4):1739-1750.
 38. Wu Q,Zhou W,Feng Q,Liu X,Xiong Y,Li HMicrorna-92b promotes cell proliferation and invasion in osteosarcoma by directly targeting Dickkopf-related protein 3.*Exp Ther Med.* . 2018 Jan;15(1):173-181.
 39. Guo Y,Xiong J,Wang J,Wen J,Zhi FInhibition of Rac family protein impairs colitis and colitis-associated cancer in mice.*Am J Cancer Res.* . 2018 Jan 1;8(1):70-80. eCollection 2018..
 40. Wang Y,Sun S,Xu J,Luo Y,Xin Y,Zhao XMicrorna-381 suppresses the proliferation of osteosarcoma cells through LRH-1/Wnt/ β -catenin signaling pathway.*Oncol Rep.* . 2018 Feb;39(2):589-596.
 41. Wen J,Zhao Z,Huang L,Li J,Li J,Zeng Y,Wu J,Miao YSwitch of the ovarian cancer cell to a calcifying phenotype in the calcification of ovarian cancer.*J Cancer.* . 2018 Feb 28;9(6):1006-1016.
 42. Cao W,Wei W,Zhan Z,Xie D,Xie Y,Xiao QRegulation of drug resistance and metastasis of gastric cancer cells via the microRNA647-ANK2 axis.*Int J Mol Med.* . 2018 Apr;41(4):1958-1966.
 43. Liu H,Li G,Zhang B,Sun D,Wu J,Chen F,Kong F,Luan Y,Jiang W,Wang R,Xue XSuppression of the NF- κ B signaling pathway in colon cancer cells by the natural compound Riccardin D from Dumortierahirsute.*Mol Med Rep.* . 2018 Apr;17(4):5837-5843.
 44. Zhou W,Feng Y,Zong ZTwo New Lytic Bacteriophages of the Myoviridae Family Against Carbapenem-Resistant Acinetobacter baumannii.*Front Microbiol.* . 2018 Apr 30;9:850.
 45. Liu P,Yang P,Zhang Z,Liu M,Hu SEZrin/NF- κ B Pathway Regulates EGF-induced Epithelial-Mesenchymal Transition (EMT), Metastasis, and Progression of Osteosarcoma.*Med Sci Monitor* . 2018 Apr 9;24:2098-2108.
 46. Zhang J,Su J,Hu S,Zhang J,Ding R,Guo J,Cao G,Li R,Sun QY,Li XCorrelation between ubiquitination and defects of bull spermatozoa and removal of defective spermatozoa using anti-ubiquitin antibody-coated magnetized beads.*Anim Reprod Sci.* . 2018 May;192:44-52.
 47. Fan S,Fan C,Liu N,Huang K,Fang X,Wang K.Downregulation of the long non-coding RNA ZFAS1 is associated with cell proliferation, migration and invasion in breast cancer.*Mol Med Rep.* . 2018 May;17(5):6405-6412.
 48. Yue-Ming He,Zhong-Lin Zhang,Quan-Yan Liu,Yu-Sha Xiao,Lei Wei,Chen Xi,Xiang NanEffect of CLIC1 Gene Silencing on Proliferation, Migration, Invasion and Apoptosis of Human Gallbladder Cancer Cells.*J Cell Mol Med.* . 2018 May;22(5):2569-2579.;doi: 10.1111/jcmm.13499.
 49. Man QW,Zhong WQ,Ren JG,Liu JY,Zheng YY,Li RF,Nyimi BF,Chen G,Zhao YF,Liu BIncreased level of cell-derived microparticles in the cyst fluids of odontogenic keratocysts.*Int J Oncol.* . 2018 Jun;52(6):1863-1874. (IF 3.899)
 50. Guo J,Mi X,Zhan R,Li M,Wei L,Sun JAquaporin 4 Silencing Aggravates Hydrocephalus Induced by Injection of Autologous Blood in Rats.*Med Sci Monitor* . 2018 Jun 20;24:4204-4212.
 51. Jiao FZ,Wang Y,Zhang HY,Zhang WB,Wang LW,Gong ZJHistone Deacetylase 2 Inhibitor CAY10683 Alleviates Lipopolysaccharide Induced Neuroinflammation Through Attenuating TLR4/NF- κ B Signaling Pathway.*Neurochem Res.* . 2018 Jun;43(6):1161-1170.
 52. Guo X,Ding XDioscin suppresses the viability of ovarian cancer cells by regulating the VEGFR2 and PI3K/AKT/MAPK signaling pathways.*Oncol Lett.* . 2018 Jun;15(6):9537-9542.
 53. Zhong J,Yu H,Huang C,Zhong Q,Chen Y,Xie J,Zhou Z,Xu J,Wang HInhibition of phosphodiesterase 4 by FCPR16 protects SH-SY5Y cells against MPP $^+$ -induced decline of mitochondrial membrane potential and oxidative stress.*Redox Biol.* . 2018 Jun;16:47-58. .
 54. Huang X,Liu J,Tian D,Li W,Zhou Z,Huang J,Song X,Xu L,Yan R,Li XThe molecular characterization and protective efficacy of microneme 3 of *Eimeria mitis* in chickens.*Vet Parasitol* . 2018 Jul 15;258:114-123.
 55. Guo P,Wang J,Gao W,Liu X,Wu S,Wan B,Xu L,Li YSalvianolic acid B reverses multidrug resistance in nude mice bearing human colon cancer stem cells.*Mol Med Rep.* . 2018 Aug;18(2):1323-1334.
 56. Yang Z,Qin W,Chen Y,Yuan B,Song X,Wang B,Shen F,Fu J,Wang HCholesterol inhibits hepatocellular carcinoma invasion and metastasis by promoting CD44 localization in lipid rafts.*Cancer Lett.* . 2018 Aug 10;429:66-77.
 57. Li N,Han M,Zhou N,Tang Y,Tang XSMicrorna-495 Confers Increased Sensitivity to Chemotherapeutic Agents in Gastric Cancer via the Mammalian Target of Rapamycin (mTOR) Signaling Pathway by Interacting with Human Epidermal Growth Factor.*Med Sci Monit.* . 2018 Aug 27;24:5960-5972.
 58. Yang XJ,Zhao JJ,Chen WJ,Zhang GG,Wang W,Tao HCSilencing long non-coding RNA, differentiation antagonizing non-protein coding RNA promotes apoptosis and inhibits tumor growth in colon cancer.*Oncol Lett.* . 2018 Sep;16(3):2865-2872.
 59. Gao X,Han L,Ding N,Mu Y,Guan P,Hu C,Huang XBafilomycin C1

- induces G0/G1 cell-cycle arrest and mitochondrial-mediated apoptosis in human hepatocellular cancer SMMC7721 cells.*J Antibiot (Tokyo)*. 2018 Sep;71(9):808-817.
60. Zhao HL,Wu BQ,Luo Y,Zhang WY,Hao YL,Liang JJ,Fang F,Liu W,Chen XHExogenous hydrogen sulfide ameliorates high glucose-induced myocardial injury & inflammation via the CIRP-MAPK signaling pathway in H9c2 cardiac cells.*Life Sci*. 2018 Sep 1;208:315-324.
 61. Sanrong Xu,Penghao Shu,Song Zou,Xiaofeng Shen,Yuanqian Qu,Yong Zhang,Kang Sun,Jin Zhang.NFATc1 Is a Tumor Suppressor in Hepatocellular Carcinoma and Induces Tumor Cell Apoptosis by Activating the FasL-mediated Extrinsic Signaling Pathway.*Cancer Med*. 2018 Sep;7(9):4701-4717.;doi: 10.1002/cam4.1716. .
 62. Guo ZX,Zhou FZ,Song W,Yu LL,Yan WJ,Yin LH,Sang H,Zhang HYSuppression of microRNA-101 attenuates hypoxia-induced myocardial H9c2 cell injury by targeting DIMT1-Sp1/survivin pathway.*Eur Rev Med Pharmaco* . 2018 Oct;22(20):6965-6976.
 63. Zhu YX,Zhou JH,Li GW,Zhou WY,Ou SS,Xiao XYDexmedetomidine protects liver cell line L-02 from oxygen-glucose deprivation-induced injury by down-regulation of microRNA-711.*Eur Rev Med Pharmaco* . 2018 Oct;22(19):6507-6516.
 64. Cao J,Zhuang Y,Zhang Z,Yuan S,Zhang P,Li H,Li X,Shen H,Wang Z,Chen GLeucine-rich repeat kinase 2 aggravates secondary brain injury induced by intracerebral hemorrhage in rats by regulating the P38 MAPK/Drosha pathway.*Neurobiol Dis* . 2018 Nov;119:53-64.
 65. He Z,Jia M,Yu Y,Yuan C,Wang JRoles of SDF-1/CXCR4 axis in cartilage endplate stem cells mediated promotion of nucleus pulposus cells proliferation.*Biochem Bioph Res Co* . 2018 Nov 17;506(1):94-101.
 66. Zhang X,Zhai C,Fei H,Liu Y,Wang Z,Luo C,Zhang J,Ding Y,Xu T,Fan WComposite Silk-Extracellular Matrix Scaffolds for Enhanced Chondrogenesis of Mesenchymal Stem Cells.*Tissue Eng Part C Methods*. 2018 Nov;24(11):645-658.
 67. You Y,Xu Z,Chen YDoxorubicin conjugated with a trastuzumab epitope and an MMP-2 sensitive peptide linker for the treatment of HER2-positive breast cancer.*Drug Deliv*. 2018 Nov;25(1):448-460.
 68. Li XQ,Yu Q,Tan WF,Zhang ZL,Ma HMicrorna-125b mimic inhibits ischemia reperfusion-induced neuroinflammation and aberrant p53 apoptotic signalling activation through targeting TP53INP1.*Brain Behav Immun*. 2018 Nov;74:154-165.
 69. Man QW,Zhang LZ,Zhao Y,Liu JY,Zheng YY,Zhao YF,Liu BLymphocyte-derived microparticles stimulate osteoclastogenesis by inducing RANKL in fibroblasts of odontogenic keratocysts.*Oncol Rep* . 2018 Dec;40(6):3335-3345. (IF 3.417)
 70. Zhu CH,Xiao DH,Dai LG,Xu HG,Jiang YH,Zheng ZHighly expressed lncRNA FAL1 promotes the progression of gastric cancer by inhibiting PTEN.*Eur Rev Med Pharmaco* . 2018 Dec;22(23):8257-8264.
 71. Li R,Yin F,Guo Y,Ruan Q,Zhu QAngelica polysaccharide protects PC-12 cells from lipopolysaccharide-induced injury via down-regulating microRNA-223.*Biomed Pharmacother* . 2018 Dec;108:1320-1327.
 72. Zheng X,Zhang L,Chen J,Gu Y,Xu J,Ouyang YDendritic cells and Th17/Treg ratio play critical roles in pathogenic process of chronic obstructive pulmonary disease.*Biomed Pharmacother* . 2018 Dec;108:1141-1151.
 73. Ye Y,Zhi F,Peng Y,Yang CCMiR-128 promotes the apoptosis of glioma cells via binding to NEK2.*Eur Rev Med Pharmaco* . 2018 Dec;22(24):8781-8788.
 74. Zhang H,Li H,Liu Z,Ge A,Guo E,Liu S,Chen ZTriptolide inhibits the proliferation and migration of medulloblastoma Daoy cells by upregulation of microRNA-138.*J Cell Biochem* . 2018 Dec;119(12):9866-9877.
 75. Gao L,Xu FM,Shi WJ,Zhang S,Lu YL,Zhao DK,Long YF,Teng RB,Ge BHigh-glucose promotes proliferation of human bladder cancer T24 cells by activating Wnt/β-catenin signaling pathway.*Eur Rev Med Pharmaco* . 2018 Dec;22(23):8151-8160.
 76. Jin X,Aimaiti Y,Chen Z,Wang W,Li DHeaptic stellate cells promote angiogenesis via the TGF-β1-Jagged1/VEGFA axis.*Exp Cell Res* . 2018 Dec 15;373(1-2):34-43.
 77. Chen Q,Tao J,Li G,Zheng D,Tan Y,Li R,Tian L,Li Z,Cheng H,Xie XAstaxanthin ameliorates experimental diabetes-induced renal oxidative stress and fibronectin by upregulating connexin43 in glomerular mesangial cells and diabetic mice.*Eur J Pharmacol* . 2018 Dec 5;840:33-43.
 78. Lin JF,Zeng H,Zhao JQMriR-212-5p regulates the proliferation and apoptosis of AML cells through targeting FZD5.*Eur Rev Med Pharmaco* Sci. 2018 Dec;22(23):8415-8422.
 79. Liang Y,Chen B,Liu F,Wang J,Yang Y,Zheng Y,Tan S.Shank-associated RH domain-interacting protein expression is upregulated in entodermal and mesodermal cancer or downregulated in ectodermal malignancy.*Oncol Lett*. 2018 Dec;16(6):7180-7188.
 80. Zheng YQ,Bai YF,Yang S,Cui YR,Wang YP,Hu WLMircoRNA-629 promotes proliferation, invasion and migration of nasopharyngeal carcinoma through targeting PDCD4.*Eur Rev Med Pharmacol Sci*. 2019 Jan;23(1):207-216.
 81. Yuan J,Deng Y,Zhang Y,Gan X,Gao S,Hu H,Hu S,Hu J,Liu H,Li L,Wang JBmp4 inhibits goose granulosa cell apoptosis via PI3K/AKT/Caspase-9 signaling pathway.*Anim Reprod Sci*. 2019 Jan;200:86-95.
 82. Zhao K,Tan JY,Mao QD,Ren KY,He BG,Zhang CP,Wei LZ,Overexpression of long non-coding RNA TUG1 alleviates TNF-α-induced inflammatory injury in interstitial cells of Cajal.*Eur Rev Med Pharmacol Sci*. 2019 Jan;23(1):312-320.
 83. Liang S,Wang Y,Liu Y,Dexmedetomidine alleviates lung ischemia-reperfusion injury in rats by activating PI3K/Akt pathway.*Eur Rev Med Pharmacol Sci*. 2019 Jan;23(1):370-377.
 84. Su W,Wang Y,Wang F,Zhang B,Zhang H,Shen Y,Yang HCircular RNA hsa_circ_0007059 indicates prognosis and influences malignant behavior via AKT/mTOR in oral squamous cell carcinoma.*J Cell Physiol*. 2019 Jan 24.
 85. Sun S,Wang N,Sun Z,Wang X,Cui HMiR-5692a promotes proliferation and inhibits apoptosis by targeting HOXD8 in hepatocellular carcinoma.*J Buon*. 2019 Jan-Feb;24(1):178-186.
 86. Gao HN,Guo HY,Zhang H,Xie XL,Wen PC,Ren FZYak-milk-derived exosomes promote proliferation of intestinal epithelial cells in an hypoxic environment.*J Dairy Sci*. 2019 Feb;102(2):985-996.
 87. Xin LH,Liu WJ,Song T,Zhang LOverexpression of DJ-1 expression protects cardiomyocyte apoptosis induced by ischemia reperfusion.*Eur Rev Med Pharmacol Sci*. 2019 Feb;23(4):1722-1729.
 88. Sun Y,Cao FL,Qu LL,Wang ZM,Liu X,MEG3 promotes liver cancer by activating PI3K/AKT pathway through regulating AP1G1.*Eur Rev Med Pharmacol Sci*. 2019 Feb;23(4):1459-1467.
 89. Zhang F,Ma CKAempferol suppresses human gastric cancer SNU-216 cell proliferation, promotes cell autophagy, but has no influence on cell apoptosis.*Braz J Med Biol Res*. 2019 Feb 14;52(2):e7843.
 90. Li Y,Sun W,Sun D,Yin DRas-ERK1/2 signaling promotes the development of uveal melanoma by downregulating H3K14ac.*J Cell Physiol*. 2019 Feb 15.
 91. Wang JL,Liu B,Zhang C,Wang XM,Zhen D,Huang XM,Chen W,Gao JM,Effects of icariin on ovarian function in d-galactose-induced aging mice.*Theriogenology*. 2019 Feb;125:157-167.
 92. Zhou SL,Tang QL,Zhou SX,Ren RZMiR-296-5p suppresses papillary thyroid carcinoma cell growth via targeting PLK1.*Eur Rev Med Pharmacol Sci*. 2019 Mar;23(5):2084-2091.
 93. Zhang DL,Yang NMiR-3174 functions as an oncogene in rectal cancer by targeting PCBD2.*Eur Rev Med Pharmacol Sci*. 2019 Mar;23(6):2417-2426.
 94. Chen J,Liu X,Xu Y,Zhang K,Huang J,Pan B,Chen D,Cui S,Song H,Wang R,Chu X,Zhu X,Chen LTFAP2C-Activated MALAT1 Modulates the Chemoresistance of Docetaxel-Resistant Lung Adenocarcinoma Cells.*Mol Ther Nucleic Acids*. 2019 Mar 1;14:567-582.
 95. Hao Y,Zhang H,Zhang P,Yu S,Ma D,Li L,Feng Y,Min L,Shen W,Zhao YChlorothalonil inhibits mouse ovarian development through endocrine disruption.*Toxicol Lett*. 2019 Mar 15;303:38-47. (IF 3.569)
 96. Wei ZL,Gao AB,Wang Q,Lou XE,Zhao J,Lu QJMriRNA-221 promotes papillary thyroid carcinoma cell migration and invasion via targeting RECK and regulating epithelial-mesenchymal transition.*Oncotargets Ther*. 2019 Mar 28;12:2323-2333.
 97. Hu JL,Chen HX,Chen HR,Wu Y,Sun XW,Li Z,Xing JFNovel noninvasive quantification of penile corpus cavernosum lesions in hyperlipidemia-induced erectile dysfunction in rabbits by two-dimensional shear-wave elastography.*Asian J Androl*. 2019 Mar-Apr;21(2):143-149.
 98. Fu JH,Zhou CC,Mu HQ,Nan CJ,Li S,Lu DQCD18 inhibits progression of kidney cancer by down-regulating Treg cell levels.*Eur Rev Med Pharmacol Sci*. 2019 Apr;23(7):2750-2755.
 99. Yang Z,Sun Q,Guo J,Wang S,Song G,Liu W,Liu M,Tang HGRSF1-mediated MIR-G-1 promotes malignant behavior and nuclear autophagy by directly upregulating TMED5 and LMNB1 in cervical cancer

- cells. *Autophagy*. 2019 Apr;15(4):668-685.
- 100.Jiao ZF,Zhang YM,Ma XF,Li X,Li Y,Mao YJCorrelation analysis of TLR9 and IL-23 expression in patients with lupus nephritis.*Eur Rev Med Pharmacol Sci*. 2019 Apr;23(7):2944-2949.
- 101.Chen Q,Yang Z,Chen X,Shu L,Qu WPeptide P7 inhibits the bFGF-stimulated proliferation and invasion of SKOV3 cells.*Exp Ther Med*. 2019 Apr;17(4):3003-3008.
- 102.Zhao TF,Wang SY,Zou XZ,Zhao HDMI-R-593-5p promotes the development of hypoxic-induced pulmonary hypertension via targeting PLK1.*Eur Rev Med Pharmacol Sci*. 2019 Apr;23(8):3495-3502.
- 103.Dong M,Song X,Wang M,Wang P,Liu Y,Li M,Wang L,Song LCgAATase with specific expression pattern can be used as a potential surface marker for oyster granulocytes.*Fish Shellfish Immunol*. 2019 Apr;87:96-104.
- 104.Zuo A,Zhao P,Zheng Y,Hua H,Wang XTripteryne inhibits proliferation, migration and invasion of breast cancer MDA-MB-231 cells by up-regulating microRNA-15a.*Biol Chem*. 2019 Apr 22;pii: /j/bchm.ahead-of-print/hsz-2018-0469/hsz-2018-0469.xml.
- 105.Shi T,Ma Y,Cao L,Zhan S,Xu Y,Fu F,Liu C,Zhang G,Wang Z,Wang R,Lu H,Lu B,Chen W,Zhang XB7-H3 promotes aerobic glycolysis and chemoresistance in colorectal cancer cells by regulating HK2.*Cell Death Dis*. 2019 Apr 5;10(4):308.
- 106.Sun L,Chen Y,Luo H,Xu M,Meng G,Zhang WCa2+/calmodulin-dependent protein kinase II regulation by inhibitor 1 of protein phosphatase 1 alleviates necroptosis in high glucose-induced cardiomyocytes injury.*Biochem Pharmacol*. 2019 May;163:194-205.
- 107.Wang JQ,Tang Y,Li QS,Xiao M,Li M,Sheng YT,Yang Y,Wang YLPARG regulates the proliferation and differentiation of DCs and T cells via PARP/NF- κ B in tumour metastases of colon carcinoma.*Oncol Rep*. 2019 May;41(5):2657-2666.
- 108.Peng W,Lei M,Zhang J,Zhang YThe protective effect of melatonin on the in vitro development of yak embryos against hydrogen peroxide-induced oxidative injury.*Zygote*. 2019 Jun;27(3):118-125.
- 109.Qi MM,Ge F,Chen XJ,Tang C,Ma JMIR-124 changes the sensitivity of lung cancer cells to cisplatin through targeting STAT3.*Eur Rev Med Pharmacol Sci*. 2019 Jun;23(12):5242-5250.
- 110.Zhao Z,Hao J,Li X,Chen Y,Qi XMiR-21-5p regulates mycobacterial survival and inflammatory responses by targeting Bcl-2 and TLR4 in Mycobacterium tuberculosis-infected macrophages.*FEBS Lett*. 2019 Jun;593(12):1326-1335.
- 111.Wang P,Yu B,Wang C,Zhou SC-terminal of E1A binding protein 2 promotes the malignancy of osteosarcoma cells via JAK1/Stat3 signaling.*J Cell Commun Signal*. 2019 Jun 19.
- 112.Zhou XL,Wei Y,Chen XY,Chen P,Tang XF,Zhang Q,Dong ZQ,Pan MH,Lu CBmGeminin2 interacts with BmRRS1 and regulates Bombyx mori cell proliferation.*Cell Cycle*. 2019 Jul;18(13):1498-1512.
- 113.Yin Z,Chen C,Yang J,Feng W,Liu X,Zuo R,Wang J,Yang L,Zhong K,Gao C,Zhang H,Zheng X,Wang P,Zhang ZHistone acetyltransferase MoHat1 acetylates autophagy-related proteins MoAtg3 and MoAtg9 to orchestrate functional appressorium formation and pathogenicity in Magnaporthe oryzae.*Autophagy*. 2019 Jul;15(7):1234-1257.
- 114.Chan Y,Yu Y,Wang G,Wang C,Zhang D,Wang X,Wang Z,Jian W,Zhang CInhibition of MicroRNA-381 Promotes Tumor Cell Growth and Chemoresistance in Clear-Cell Renal Cell Carcinoma.*Med Sci Monit*. 2019 Jul 12;25:5181-5190.
- 115.Ma ZP,Zhang ZF,Yang YF,Yang YSesamin Promotes Osteoblastic Differentiation and Protects Rats from Osteoporosis.*Med Sci Monit*. 2019 Jul 17;25:5312-5320.
- 116.Sun L,Lian Y,Ding J,Meng Y,Li C,Chen L,Qiu PThe role of chaperone-mediated autophagy in neurotoxicity induced by alpha-synuclein after methamphetamine exposure.*Brain Behav*. 2019 Aug;9(8):e01352.
- 117.Li Q,Cheng K,Wang AY,Xu QG,Fu ZF,He SY,Xu PXmicroRNA-126 inhibits tube formation of HUVECs by interacting with EGFL7 and down-regulating PI3K/AKT signaling pathway.*Biomed Pharmacother*. 2019 Aug;116:109007.
- 118.Man QW,Zhong WQ,Zhao YE,Liu B,Zhao YIn vitro assessment of PD-L1+ microvesicles in the cyst fluid of non-syndromic odontogenic keratocysts.*J Mol Histol*. 2019 Aug;50(4):325-333.
- 119.Jia H,Xu M,Bo Y,Li W,Zhou RRas-ERK1/2 signaling accelerates the progression of colorectal cancer via mediation of H2BK5ac.*Life Sci*. 2019 Aug 1;230:89-96.
- 120.Sui R,Zang L,Bai YAdministration of troxerutin and cerebroprotein hydrolysate injection alleviates cerebral ischemia/reperfusion injury by down-regulating caspase molecules.*Neuropsychiatr Dis Treat*. 2019 Aug 19;15:2345-2352.
- 121.Zhang P,Zhao Y,Zhang H,Liu J,Feng Y,Yin S,Cheng S,Sun X,Min L,Li L,Shen WLow dose chlorothalonil impairs mouse spermatogenesis through the intertwining of Estrogen Receptor Pathways with histone and DNA methylation.*Chemosphere*. 2019 Sep;230:384-395.
- 122.Liang H,Su X,Wu Q,Shan H,Lv L,Yu T,Zhao X,Sun J,Yang R,Zhang L,Yan H,Zhou Y,Li X,Du Z,Shan HlncRNA 2810403D21Rik/Mirf promotes ischemic myocardial injury by regulating autophagy through targeting Mir26a.*Autophagy*. 2019 Sep 12:1-15
- 123.Cui P,Su J,Li Q,Xu G,Zhu NLncRNA RHPN1-AS1 Targeting miR-625/REG3A Promotes Cell Proliferation And Invasion Of Glioma Cells.*Onco Targets Ther*. 2019 Sep 26;12:7911-7921.
- 124.Kang Z,Lu M,Jiang M,Zhou D,Huang HProteobacteria Acts as a Pathogenic Risk-Factor for Chronic Abdominal Pain and Diarrhea in Post-Cholecystectomy Syndrome Patients: A Gut Microbiome Metabolomics Study.*Med Sci Monit*. 2019 Sep 29;25:7312-7320.
- 125.Qi-Long He,Xu-Yu Wei,Xiao-Ying Han,Qian Zhou,Hai-Quan Wang,Nai-Zheng Ding,Xiao-Qian Meng,Heide Schatten,Qing-Yuan Sun,Shu-Zhen LiuEffects of 2,3',4,4'5-pentachlorobiphenyl Exposure During Pregnancy on Epigenetic Imprinting and Maturation of Offspring's Oocytes in Mice.*Arch Toxicol*. 2019 Sep;93(9):2575-2592.;doi: 10.1007/s00204-019-02529-z.
- 126.Aimaiti Y,Yusufukadier M,Li W,Tuerhongjiang T,Shadike A,Meiheriayi A,Gulisitan,Abudusalamu A,Wang H,Tuerganaili A,Shao Y,Wen HTGF- β 1 signaling activates hepatic stellate cells through Notch pathway.*Cytotechnology*. 2019 Oct;71(5):881-891.
- 127.Niu G,Yang Y,Ren J,Song T,Hu Z,Chen L,Hong R,Xia J,Ke C,Wang XOverexpression of CPXM2 predicts an unfavorable prognosis and promotes the proliferation and migration of gastric cancer.*Oncol Rep*. 2019 Oct;42(4):1283-1294.
- 128.Li J,Xin Z,Cai MThe role of resveratrol in bone marrow-derived mesenchymal stem cells from patients with osteoporosis.*J Cell Biochem*. 2019 Oct;120(10):16634-16642.
- 129.Men Y,Zhao Y,Zhang P,Zhang H,Gao Y,Liu J,Feng Y,Li L,Shen W,Sun Z,Min LGestational exposure to low-dose zearalenone disrupting offspring spermatogenesis might be through epigenetic modifications.*Basic Clin Pharmacol Toxicol*. 2019 Oct;125(4):382-393.
- 130.Sun J,Wang L,Huang M,Li Y,Wang W,Song LCgCLec-HTM-Mediated Signaling Pathway Regulates Lipopolysaccharide-Induced CgIL-17 and CgTNF Production in Oyster.*J Immunol*. 2019 Oct 1;203(7):1845-1856.
- 131.Xie X,Xiong G,Wang Q,Ge Y,Cui XLong non-coding RNA LINC00460 promotes head and neck squamous cell carcinoma cell progression by sponging miR-612 to up-regulate AKT2.*Am J Transl Res*. 2019 Oct 15;11(10):6326-6340. eCollection 2019.
- 132.Gao Y,Zhao Y,Zhang H,Zhang P,Liu J,Feng Y,Men Y,Li L,Shen W,Sun Z,Min LPubertal exposure to low doses of zearalenone disrupting spermatogenesis through ER α related genetic and epigenetic pathways.*Toxicol Lett*. 2019 Oct 15;315:31-38.
- 133.Zhao X,Li R,Wang Q,Wu M,Wang YOverexpression of carboxypeptidase X M14 family member 2 predicts an unfavorable prognosis and promotes proliferation and migration of osteosarcoma.*Diagn Pathol*. 2019 Oct 24;14(1):118. (IF 2.335)
- 134.Qian JY,Deng P,Liang YD,Pang L,Wu LC,Yang LL,Zhou Z,Yu ZP8-Formylophosphoglycerone B Antagonizes Paraquat-Induced Hepatotoxicity by Suppressing Oxidative Stress.*Front Pharmacol*. 2019 Oct 24;10:1283.
- 135.Tian X,He Y,Han Z,Su H,Chu CThe Cytoplasmic Expression Of CLDN12 Predicts An Unfavorable Prognosis And Promotes Proliferation And Migration Of Osteosarcoma.*Cancer Manag Res*. 2019 Nov 1;11:9339-9351.
- 136.Xu F,Ma F,Ding Z,Xiao L,Zhang X,Lu Q,Lu G,Kaplan DLSERS Substrate with Silk Nanoribbons as Interlayer Template.*ACS Appl Mater Interfaces*. 2019 Nov 20;11(46):42896-42903.
- 137.Ge L,Zhuo Y,Wu P,Liu Y,Qi L,Teng X,Duan D,Chen P,Lu MOLfactory ensheathing cells facilitate neurite sprouting and outgrowth by secreting high levels of hevin.*J Chem Neuroanat*. 2019 Nov 26;104:101728.
- 138.Xue RQ,Zhao M,Wu Q,Yang S,Cui YL,Yu XJ,Liu J,Zang WJRegulation of mitochondrial cristae remodelling by acetylcholine alleviates palmitate-induced cardiomyocyte hypertrophy.*Free Radic Biol Med*. 2019 Dec;145:103-117.
- 139.Li Y,Yu P,Zou Y,Cai W,Sun W,Han NKras-ERK signalling promotes the

- onset and maintenance of uveal melanoma through regulating JMJD6-mediated H2A.X phosphorylation at tyrosine 39.*Artif Cells Nanomed Biotechnol.* 2019 Dec;47(1):4257-4265.
- 140.Li X,Ma A,Liu KGeniposide alleviates lipopolysaccharide-caused apoptosis of murine kidney podocytes by activating Ras/Raf/MEK/ERK-mediated cell autophagy.*Artif Cells Nanomed Biotechnol.* 2019 Dec;47(1):1524-1532.
- 141.Mao Y,Zhang W,Zhang R,Zuo JAlkannin restrains oral squamous carcinoma cell growth, migration and invasion by regulating microRNA-9/RECK axis.*Artif Cells Nanomed Biotechnol.* 2019 Dec;47(1):3153-3162.
- 142.Cao H,Zhu G,Sun L,Chen G,Ma X,Luo X,Zhu JDiscovery of new small molecule inhibitors targeting isocitrate dehydrogenase 1 (IDH1) with blood-brain barrier penetration.*Eur J Med Chem.* 2019 Dec 1;183:111694.
- 143.Guo R,Zhang L,Meng JCircular RNA ANKRD36 attends to lipopolysaccharide-aroused MRC-5 cell injury via regulating microRNA-31-3p.*Biofactors.* 2019 Dec 2.
- 144.Zhu H,Wu R,Gu Z,Ji M,Xu QVitamin D3 Is Transformed into 1,25(OH)2D3 by Triggering CYP3A11(CYP3A4) Activity and Hydrolyzing Midazolam.*Med Sci Monit.* 2019 Dec 2;25:9159-9166.
- 145.Sun H,Sun Y,Chen Q,Xu ZLncRNA KCNQ1OT1 contributes to the progression and chemoresistance in acute myeloid leukemia by modulating Tspan3 through suppressing miR-193a-3p.*Life Sci.* 2020 Jan 15;241:117161.
- 146.Liu D,Dong Z,Xiang F,Liu H,Wang Y,Wang Q,Rao JDendrobium Alkaloids Promote Neural Function After Cerebral Ischemia-Reperfusion Injury Through Inhibiting Pyroptosis Induced Neuronal Death in both In Vivo and In Vitro Models.*Neurochem Res.* 2020 Feb;45(2):437-454.
- 147.Xi X,Teng M,Zhang L,Xia L,Chen J,Cui ZMicroRNA-204-3p represses colon cancer cells proliferation, migration, and invasion by targeting HMGA2.*J Cell Physiol.* 2020 Feb;235(2):1330-1338.
- 148.Shen H,Guo M,Wang L,Cui X.MUC16 facilitates cervical cancer progression via JAK2/STAT3 phosphorylation-mediated cyclooxygenase-2 expression.*Genes Genomics.* 2020 Feb;42(2):127-133.
- 149.Xiong W,Xie C,Qiu Y,Tu Z,Gong QOrigin recognition complex subunit 1 regulates cell growth and metastasis in glioma by altering activation of ERK and JNK signaling pathway.*Mol Cell Probes.* 2020 Feb;49:101496.
- 150.Wei X,Li H,Zhang Y,Li C,Li K,Ai K,Yang JCa2+-Calcineurin Axis-Controlled NFAT Nuclear Translocation Is Crucial for Optimal T Cell Immunity in an Early Vertebrate.*J Immunol.* 2020 Feb 1;204(3):569-585.
- 151.Tang Z,Xie H,Heier C,Huang J,Zheng Q,Eichmann TO,Schoiswohl G,Ni J,Zechner R,Ni S,Hao HEnhanced monoacylglycerol lipolysis by ABHD6 promotes NSCLC pathogenesis.*EBioMedicine.* 2020 Mar;53:102696.
- 152.Wan H,Wang Q,Chen X,Zeng Q,Shao Y,Fang H,Liao X,Li HS,Liu MG,Xu TL,Diao M,Li D,Meng B,Tang B,Zhang Z,Liao LWDR45 contributes to neurodegeneration through regulation of ER homeostasis and neuronal death.*Autophagy.* 2020 Mar;16(3):531-547.
- 153.Niu K,Fang H,Chen Z,Zhu Y,Tan Q,Wei D,Li Y,Balajee AS,Zhao YUSP33 deubiquitinates PRKN/parkin and antagonizes its role in mitophagy.*Autophagy.* 2020 Apr;16(4):724-734.
- 154.Han S,Cui C,He H,Shen X,Chen Y,Wang Y,Li D,Zhu Q,Yin HFHL1 regulates myoblast differentiation and autophagy through its interaction with LC3.*J Cell Physiol.* 2020 May;235(5):4667-4678.
- 155.Yin Z,Feng W,Chen C,Xu J,Li Y,Yang L,Wang J,Liu X,Wang W,Gao C,Zhang H,Zheng X,Wang P,Zhang ZShedding light on autophagy coordinating with cell wall integrity signaling to govern pathogenicity of Magnaporthe oryzae.*Autophagy.* 2020 May;16(5):900-916.
- 156.Liping Liu,Shuyun Wang,Haiyan Xing,Yuemei Sun,Juan Ding,Ning He.Bulleyaconitine A inhibits the lung inflammation and airway remodeling through restoring Th1/Th2 balance in asthmatic model mice.*BIOSCI BIOTECH BIOCH.* 2020 Jul;84(7):1409-1417.;doi:10.1080/09168451.2020.1752140
- 157.Zhibing Qiu,Wen Chen,Yafeng Liu,Ben Jiang,Li Yin,Xin Chen.LncRNA AC061961.2 overexpression inhibited endoplasmic reticulum stress induced apoptosis in dilated cardiomyopathy rats and cardiomyocytes via activating wnt/ β -catenin pathwayJ RECEPTE SIG TRANSD. 2020 Oct 22;1-10.;doi: 10.1080/10799893.2020.1828915.
- 158.Shuai Yuan,Chuanxin Zhang,Yunli Zhu,Bo Wang.Neohesperidin Ameliorates Steroid-Induced Osteonecrosis of the Femoral Head by Inhibiting the Histone Modification of lncRNA HOTAIR DRUG DES DEV THER. 2020 Dec 7;14:5419-5430.;doi: 10.2147/DDDT.S255276
- 159.Hongyang Liu,Siwei Xu,Guilhua Li,Dayuan Lou,Xiaodan Fu,Qin Lu,Liman Hao,Jingsi Zhang,Jiajie Mei,Zheng Sui,Yu Lou.Sarpogrelate and rosuvastatin synergistically ameliorate aortic damage induced by hyperlipidemia in apolipoprotein E-deficient mice Exp Ther Med. 2020 Dec;20(6):170.;doi: 10.3892/etm.2020.9300
- 160.Jie Wang,Xu-Fang Liang,Shan He,Yan-Peng Zhang,Jiao Li,Kang Huang,Lin-Jie Shi,Ping Ren.Valine acts as a nutritional signal in brain to activate TORC1 and attenuate postprandial ammonia-N excretion in Chinese perch (*Siniperca chuatsi*) Fish Physiol Biochem. 2020 Dec;46(6):2015-2025.;doi: 10.1007/s10695-020-00767-y.
- 161.Wangao Zhang,Pengju Chen,Huimin Zong,Yikun Ding,Ruhu Yan.MiR-143-3p targets ATG2B to inhibit autophagy and promote endothelial progenitor cells tube formation in deep vein thrombosis Tissue Cell. 2020 Dec;67:101453.;doi: 10.1016/j.tice.2020.101453
- 162.Hongyan Ma,Ying Liu,Zhengtian Li,Lu Yu,Yang Gao,Xiangmei Ye,Baoyi Yang,Hulun Li,Jinghui Shi.Propofol Protects Against Hepatic Ischemia Reperfusion Injury via Inhibiting Bnip3-Mediated Oxidative Stress Inflammation. 2021 Jan 26.;doi: 10.1007/s10753-021-01416-z.
- 163.Hua Fang,Miao Yang,Qin Pan,Hon-Ling Jin,Hua-Feng Li,Ru-Rong Wang,Quan-Yun Wang,Jian-Ping Zhang.MicroRNA-22-3p alleviates spinal cord ischemia/reperfusion injury by modulating M2 macrophage polarization via IRF5 J Neurochem. 2021 Jan;156(1):106-120.;doi: 10.1111/jnc.15042
- 164.Shiping Huang,Yueming Sun.Long noncoding RNA MNX1-AS1 functions as a competing endogenous RNA to regulate epithelial-mesenchymal transition by sponging MiR-744-5p in colorectal cancer BIOSCI BIOTECH BIOCH. 2021 Feb 24;85(3):568-578.;doi: 10.1093/bbb/zbaa096
- 165.Xiao Chen,Weijia Zhang,Lirui Sun,Yonghong Lian.Tectorigenin protect HUVECs from H₂O₂-induced oxidative stress injury by regulating PI3K/Akt pathway Tissue Cell. 2021 Feb;68:101475.;doi: 10.1016/j.tice.2020.101475
- 166.Li-Ting Diao,Shu-Juan Xie,Pei-Jie Yu,Yu-Jia Sun,Fan Yang,Ye-Ya Tan,Shuang Tao,Ya-Rui Hou,Ling-Ling Zheng,Zhen-Dong Xiao,Qi Zhang.N 6-methyladenine demethylase ALKBH1 inhibits the differentiation of skeletal muscle Exp Cell Res. 2021 Mar 15;400(2):112492.;doi: 10.1016/j.yexcr.2021.112492
- 167.Yanhua Guan,Xu Wang.Salvianic Acid A Regulates High-Glucose-Treated Endothelial Progenitor Cell Dysfunction via the AKT/Endothelial Nitric Oxide Synthase (eNOS) Pathway MED SCI MONITOR. 2021 Mar 26;27:e928153.;doi: 10.12659/MSM.928153

Version 2021.09.01