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辣根过氧化物酶标记山羊抗小鼠IgG (H+L)

| 产品编号 | 产品名称 | 包装 |
|-------|-------------------------|-----|
| A0216 | 辣根过氧化物酶标记山羊抗小鼠IgG (H+L) | 1ml |

产品简介:

| 来源 | 用途 | WB | ELISA | IHC |
|------|----------------|--------|-------|------|
| Goat | WB, ELISA, IHC | 1:1000 | 1:250 | 1:50 |

WB, Western blot; ELISA, Enzyme-linked Immunosorbent Assay; IHC, Immunohistochemistry.

- 本辣根过氧化物酶标记山羊抗小鼠IgG (H+L) (HRP-labeled Goat Anti-Mouse IgG (H+L))为进口分装, 用于Western、ELISA和IHC等的二抗。HRP, 即horseradish peroxidase, 中文名为辣根过氧化物酶, 可以在Western检测时催化ECL类试剂(如ECL、BeyoECL等)产生化学发光, 可以在ELISA时催化TMB产生蓝色, 也可以在IHC或Western blot检测时催化DAB产生棕色沉淀。
- 本辣根过氧化物酶标记山羊抗小鼠IgG (H+L)用于WB、ELISA和IHC的推荐稀释比例参考上表, 实际实验操作过程中需根据抗原和抗体的具体情况适当调节二抗的稀释比例。对于WB, 推荐的稀释范围为1:500-2000。
- 本抗体为用纯化的小鼠IgG免疫山羊, 然后用亲和纯化柱对获得的抗血清进行纯化, 并经过人IgG吸附纯化的优质二抗。对人IgG几乎没有结合能力。
- 本抗体如果用于常规的Western检测, 以每次检测需10毫升1:1000稀释的二抗计, 至少可以检测100次。

包装清单:

| 产品编号 | 产品名称 | 包装 |
|-------|-------------------------|-----|
| A0216 | 辣根过氧化物酶标记山羊抗小鼠IgG (H+L) | 1ml |
| — | 说明书 | 1份 |

保存条件:

-20°C保存, 一年有效。4°C保存, 半年有效。

注意事项:

- 叠氮钠会抑制辣根过氧化物酶的活性, 在含有辣根过氧化物酶的二抗中不可加入叠氮钠。
- 本产品仅限于专业人员的科学研究用, 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。

使用说明:

1. Western、ELISA或IHC请参考相关实验步骤进行。起始稀释浓度按照产品简介中推荐的稀释比例进行稀释。

使用本产品的文献:

- Su W, Wang Y, Wang F, Zhang B, Zhang H, Shen Y, Yang H. Circular RNA hsa_circ_0007059 indicates prognosis and influences malignant behavior via AKT/mTOR in oral squamous cell carcinoma. *J Cell Physiol.*
- Zhao G, Zhang L, Qian D, Sun Y, Liu W. miR-495-3p inhibits the cell proliferation, invasion and migration of osteosarcoma by targeting Clq/TNF-related protein 3. *ONCOTARGETS THER.* 12:6133-6143.
- Li F, Tan W, Chen H, Zhou J, Xu M, Yuan G. Up- and downregulation of mature miR-1587 function by modulating its G-quadruplex structure and using small molecules. *Int J Biol Macromol.* 121:127-134.
- Ye B, Chen X, Dai S, Han J, Liang X, Lin S, Cai X, Huang Z, Huang W. Emodin alleviates myocardial ischemia/reperfusion injury by inhibiting gasdermin D-mediated pyroptosis in cardiomyocytes. *DRUG DES DEV THER.* 13:975-990.
- Han YY, Chen ZH, Shang YJ, Yan WW, Wu BY, Li CH. Cordycepin improves behavioral-LTP and dendritic structure in hippocampal CA1 area of rats. *J Neurochem.* 151(1):79-90.
- Xiao D, He H, Huang W, Oo TL, Wang A, He LF. Analysis of Mitochondrial Markers of Programmed Cell Death. *MOL THER-METH CLIN D.* 1743:65-71.
- Lu Y, Liang M, Zhang Q, Liu Z, Song Y, Lai L, Li Z. Mutations of GADD45G in rabbits cause cleft lip by the disorder of proliferation, apoptosis and epithelial-mesenchymal transition (EMT). *BBA-MOL BASIS DIS.* 1865(9):2356-2367.
- Gong F, Cheng X, Wang S, Zhao Y, Gao Y, Cai H. Heparin-immobilized polymers as non-inflammatory and non-thrombogenic coating materials for arsenic trioxide eluting stents. *Acta Biomater.* 2010 Feb;6(2):534-46.
- Yuan D, Pan Y, Zhang J, Shao C. Role of nuclear factor-kappaB and P53 in radioadaptive response in Chang live cells. *MUTAT RES-REV MUTAT.* 2010 Jun 1;688(1-2):66-71.
- Yin Z, Wang L, Xiang Y, Ruan Y, Li J, Wang X, Ichim TE, Chen S, Chen G. Resistance of neonatal porcine Sertoli cells to human xenobody and complement-mediated lysis is associated with low expression of alpha-Gal and high. *Xenotransplantation.* 2010 May-Jun;17(3):215-23.
- Wu YF, Yang LJ, Zhong LW. Decreased serum levels of thioredoxin in patients with coronary artery disease plus hyperhomocysteinemia is strongly associated with the disease severity. *Atherosclerosis.* 2010 Sep;212(1):351-5.
- Cao BY, Yang YP, Luo WF, Mao CJ, Han R, Sun X, Cheng J, Liu CF. Paeoniflorin, a

- potent natural compound, protects PC12 cells from MPP+ and acidic damage via autophagic pathway. *J Ethnopharmacol.* 2010;131(1):122-9.
13. Wu J, Hu CP, Gu QH, Li YP, Song M. Trichostatin A sensitizes cisplatin-resistant A549 cells to apoptosis by up-regulating death-associated protein kinase. *Acta Pharmacol Sin.* 2010;31(1):93-101.
 14. Fauzee NJ, Wang YL, Dong Z, Li QG, Wang T, Mandarray MT, Xu L, Pan J. Novel hydrophilic docetaxel (CQMU-0519) analogue inhibits proliferation and induces apoptosis in human A549 lung, SKVO3 ovarian and MCF7 breast carcinoma cell lines. *CELL PROLIFERAT.* 2012 Aug;45(4):352-64.
 15. Su H, Ma C, Liu J, Li N, Gao M, Huang A, Wang X, Huang W, Huang X. Downregulation of nuclear receptor FXR is associated with multiple malignant clinicopathological characteristics in human hepatocellular carcinoma. *AM J PHYSIOL-GASTR L.* 2012 Dec 1;303(11):G1245-53.
 16. Wang T, Zhang L, Shi C, Sun H, Wang J, Li R, Zou Z, Ran X, Su Y. TGF- β -induced miR-21 negatively regulates the antiproliferative activity but has no effect on EMT of TGF- β in HaCaT cells. *INT J BIOCHEM CELL B.* 2012 Feb;44(2):366-76.
 17. Wang WB, Feng LX, Yue QX, Wu WY, Guan SH, Jiang BH, Yang M, Liu X, Guo DA. Paraptosis accompanied by autophagy and apoptosis was induced by celastrol, a natural compound with influence on proteasome, ER stress and Hsp90. *J Cell Physiol.* 2012 May;227(5):2196-206.
 18. Ling C, Chen G, Chen G, Zhang Z, Cao B, Han K, Yin J, Chu A, Zhao Y, Mao X. A deuterated analog of dasatinib disrupts cell cycle progression and displays anti-non-small cell lung cancer activity in vitro and in vivo. *Int J Cancer.* 2012 Nov 15;131(10):2411-9.
 19. Jin XL, Sun QS, Liu F, Yang HW, Liu M, Liu HX, Xu W, Jiang YY. microRNA 21-mediated suppression of Sprouty1 by Pokemon affects liver cancer cell growth and proliferation. *J Cell Biochem.* 2013 Jul;114(7):1625-33.
 20. Su L, Woodard RW, Chen J, Wu J. Extracellular Location of Thermobifida fusca Cutinase Expressed in Escherichia coli BL21(DE3) without Mediation of a Signal Peptide. *APPL ENVIRON MICROB.* 2013 Jul;79(14):4192-8.
 21. Zhou CH, Lin-Li, Zhu XY, Wen-Tang, Hu DM, Dong Y, Li LY, Wang SF. Protective effects of edaravone on experimental chronic pancreatitis induced by dibutyltin dichloride in rats. *Pancreatol.* 2013 Mar-Apr;13(2):125-32.
 22. Zhu Y, Zhang JJ, Liang WB, Zhu R, Wang B, Miao Y, Xu ZK. Pancreatic cancer counterattack: MUC4 mediates Fas-independent apoptosis of antigen-specific cytotoxic T lymphocyte. *Oncol Rep.* 2014 Apr;31(4):1768-76.
 23. Li ZH, Zhang Q, Wang HB, Zhang YN, Ding D, Pan LQ, Miao D, Xu S, Zhang C, Luo PH, Naranmandura H, Chen SQ. Preclinical studies of targeted therapies for CD20-positive B lymphoid malignancies by Ofatumumab conjugated with auristatin. *INVEST NEW DRUG.* 2014 Feb;32(1):75-86.
 24. Ren T, Qiu Y, Wu W, Feng X, Ye S, Wang Z, Tian T, He Y, Yu C, Zhou Y. Activation of adenosine A3 receptor alleviates TNF- α -induced inflammation through inhibition of the NF- κ B signaling pathway in human colonic epithelial cells. *MEDIAT INFLAMM.* 2014;2014:818251.
 25. Yang L, Tseng YT, Suo G, Chen L, Yu J, Chiu WJ, Huang CC, Lin CH. Photothermal therapeutic response of cancer cells to aptamer-gold nanoparticle-hybridized graphene oxide under NIR illumination. *ACS APPL MATER INTER.* 2015 Mar 11;7(9):5097-106.
 26. Xue Z, Zhou Y, Wang C, Zheng J, Zhang P, Zhou L, Wu L, Shan Y, Ye M, He Y, Cai Z. Latexin exhibits tumor-suppressor potential in pancreatic ductal adenocarcinoma. *Oncol Rep.* 2015 Mar; 11(3):2241-7.
 27. Bai J, Liu Z, Xu Z, Ke F, Zhang L, Zhu H, Lou F, Wang H, Fei Y, Shi YL, Wang H. Epigenetic downregulation of SFRP4 contributes to epidermal hyperplasia in psoriasis. *J Immunol.* 2015 May 1;194(9):4185-98.
 28. Li J, Qian W, Xu Y, Chen G, Wang G, Nie S, Shen B, Zhao Z, Liu C, Chen K. Activation of RAW 264.7 cells by a polysaccharide isolated from Antarctic bacterium *Pseudoaltermonas* sp. S-5. *CARBOHYD POLYM.* 2015 Oct 5;130:97-103.
 29. Chen K, Chu BZ, Liu F, Li B, Gao CM, Li LL, Sun QS, Shen ZF, Jiang YY. New benzimidazole acridine derivative induces human colon cancer cell apoptosis in vitro via the ROS-JNK signaling pathway. *Acta Pharmacol Sin.* 2015 Sep;36(9):1074-84.
 30. Zhang B, Qiangba Y, Shang P, Lu Y, Yang Y, Wang Z, Zhang H. Gene expression of vascular endothelial growth factor A and hypoxic adaptation in Tibetan pig. *J ANIM SCI BIOTECHNO.* 2016 Apr 2;7:21.
 31. Zhang H, Sheng L, Tao J, Chen R, Li Y, Sun Z, Qian W. Depletion of the triggering receptor expressed on myeloid cells 2 inhibits progression of renal cell carcinoma via regulating related protein expression and PTEN-PI3K/Akt pathway. *Int J Oncol.* 2016 Dec;49(6):2498-506.
 32. Wang D, Wang K, Sui D, Ouyang Z, Xu H, Wei Y. Effects of tetrahydroberberine and tetrahydropalmatine on hepatic cytochrome P450 expression and their toxicity in mice. *CHEM-BIOL INTERACT.* 2017 Apr 25;268:47-52.
 33. Wang Y, Yu D, Liu Z, Zhou F, Dai J, Wu B, Zhou J, Heng BC, Zou XH, Ouyang H, Liu H. Exosomes from embryonic mesenchymal stem cells alleviate osteoarthritis through balancing synthesis and degradation of cartilage extracellular matrix. *Stem Cell Res Ther.* 2017 Aug 14;8(1):189.
 34. Jiang C, Liu C, Guo J, Chen L, Luo N, Qu X, Yang W, Ren Q, Cheng Z. The Expression of Toll-like receptors in eutopic and ectopic endometrium and its implication in the inflammatory pathogenesis of adenomyosis. *SCI REP-UK.* 2017 Aug 4;7(1):7365.
 35. Lv SQ, Ye ZL, Liu PY, Huang Y, Li LF, Liu H, Zhu HL, Jin HJ, Qian QJ. 11R-P53 and GM-CSF Expressing Oncolytic Adenovirus Target Cancer Stem Cells with Enhanced Synergistic Activity. *J Cancer.* 2017 Jan 13;8(2):199-206.
 36. Qian D, Lu Z, Xu Q, Wu P, Tian L, Zhao L, Cai B, Yin J, Wu Y, Staveley-O'Carroll KF, Jiang K, Miao Y, Li G. Galectin-1-driven upregulation of SDF-1 in pancreatic stellate cells promotes pancreatic cancer metastasis. *Cancer Lett.* 2017 Jul 1;397:43-51.
 37. Xiao YX, Shen HQ, She ZY, Sheng L, Chen QQ, Chu YL, Tan FQ, Yang WX. C-terminal kinesin motor KIF1C1 participates in facilitating proper cell division of human seminoma. *ONCOTARGET.* 2017 May 24;8(37):61373-61384.
 38. Wang Y, Li J, Kuang D, Wang X, Zhu Y, Xu S, Chen Y, Cheng H, Zhao Q, Duan Y, Wang G. miR-148b-3p functions as a tumor suppressor in GISTs by directly targeting KIT. *Cell Commun Signal.* 2018 Apr 16;16(1):16.
 39. Zhang M, Feng H, Zhao Y, Song L, Gao C, Xu X, Huang L. Valsa mali Pathogenic Effector VmPxEl Contributes to Full Virulence and Interacts With the Host Peroxidase MdAPX1 as a Potential Target. *Front Microbiol.* 2018 Apr 25;9:821.
 40. Liu DH, An M, Bao BL, Ren F, Xia P. Nicotine inhibits CD24 expression in Lewis lung carcinoma cells by upregulation of RAS expression. *Int J Oncol.* 2018 Aug;53(2):815-822.
 41. Zhang J, Yang W, Xu J, Yang W, Li Q, Zhong Y, Cao Y, Yu XQ, Deng X. Regulation of antimicrobial peptide genes via insulin-like signaling pathway in the silkworm *Bombyx mori*. *INSECT BIOCHEM MOLEC.* 2018 Dec;103:12-21.
 42. Zhang Y, Zhang R, Sun H, Chen Q, Yu X, Zhang T, Yi M, Liu JX. Copper inhibits hatching of fish embryos via inducing reactive oxygen species and down-regulating Wnt signaling. *Aquat Toxicol.* 2018 Dec;205:156-164.
 43. Lei H, Wang G, Zhang J, Han Q. Inhibiting TrxR suppresses liver cancer by inducing apoptosis and eliciting potent antitumor immunity. *Oncol Rep.* 2018 Dec;40(6):3447-3457.
 44. Yang Z, Liu J, Shi Q, Chao Y, Di Y, Sun J, Zhang J, Huang L, Guo H, He C. Expression of protein disulfide isomerase A3 precursor in colorectal cancer. *ONCOTARGETS THER.* 2018 Jul 19;11:4159-4166.
 45. Cao C, Huang Y, Tang Q, Zhang C, Shi L, Zhao J, Hu L, Hu Z, Liu Y, Chen L. Bidirectional juxtacrine ephrinB2/Ephs signaling promotes angiogenesis of ECs and maintains self-renewal of MSCs. *Biomaterials.* 2018 Jul;172:1-13.
 46. Cao C, Huang Y, Tang Q, Zhang C, Shi L, Zhao J, Hu L, Hu Z, Liu Y, Chen L. Bidirectional juxtacrine ephrinB2/Ephs signaling promotes angiogenesis of ECs and maintains self-renewal of MSCs. *Biomaterials.* 2018 Jul;172:1-13.
 47. Zhang C, Deng X, Qiu L, Peng F, Geng S, Shen L, Luo Z. Knockdown of C1GalT1 inhibits radioresistance of human esophageal cancer cells through modifying β 1-integrin glycosylation. *J Cancer.* 2018 Jun 23;9(15):2666-2677.
 48. Yin H, Yang Q, Cao Z, Li H, Yu Z, Zhang G, Sun G, Man R, Wang H, Li J. Activation

- of NLRX1-mediated autophagy accelerates the ototoxic potential of cisplatin in auditory cells. *TOXICOL APPL PHARM*. 2018 Mar 15;343:16-28.
49. Wu J, Gao F, Xu T, Deng X, Wang C, Yang X, Hu Z, Long Y, He X, Liang G, Ren D, Dai T. miR-503 suppresses the proliferation and metastasis of esophageal squamous cell carcinoma by triggering autophagy via PKA/mTOR signaling. *Int J Oncol*. 2018 Mar 16.
 50. Sun MF, Zhu YL, Zhou ZL, Jia XB, Xu YD, Yang Q, Cui C, Shen YQ. Neuroprotective effects of fecal microbiota transplantation on MPTP-induced Parkinson's disease mice: Gut microbiota, glial reaction and TLR4/TNF- α signaling pathway. *Brain Behav Immun*. 2018 May;70:48-60.
 51. Dai WT, White RR, Liu JX, Liu HY. Seryl-tRNA synthetase-mediated essential amino acids regulate β -casein synthesis via cell proliferation and mammalian target of rapamycin (mTOR) signaling pathway in bovine mammary epithelial cells. *J Dairy Sci*. 2018 Nov;101(11):10456-10468.
 52. Jiang X, Zhang N, Yin L, Zhang WL, Han F, Liu WB, Chen HQ, Cao J, Liu JY. A commercial Roundup[®] formulation induced male germ cell apoptosis by promoting the expression of XAF1 in adult mice. *Toxicol Lett*. 2018 Oct 15;296:163-172.
 53. Jiang X, Yin L, Zhang N, Han F, Liu WB, Zhang X, Chen HQ, Cao J, Liu JY. Bisphenol A induced male germ cell apoptosis via IFN β -XAF1-XIAP pathway in adult mice. *TOXICOL APPL PHARM*. 2018 Sep 15;355:247-256.
 54. Xiao T, Zhong W, Zhao J, Qian B, Liu H, Chen S, Qiao K, Lei Y, Zong S, Wang H, Liang Y, Zhang H, Meng J, Zhou H, Sun T, Liu Y, Yang C. Polyphyllin I suppresses the formation of vasculogenic mimicry via Twist1/VE-cadherin pathway. *Cell Death Dis*. 2018 Sep 5;9(9):906.
 55. Ji F, Sha H, Meng F, Zhu A, Ding N, Zhang H, Xu H, Qian H, Yu L, Liu Q, Liu B. Tumor-penetrating peptide fused EGFR single-domain antibody enhances radiation responses following EGFR inhibition in gastric cancer. *Oncol Rep*. 2018 Sep;40(3):1583-1591.
 56. Lei W, Wang ZL, Feng HJ, Lin XD, Li CZ, Fan D. Long non-coding RNA SNHG12 promotes the proliferation and migration of glioma cells by binding to HuR. *Int J Oncol*. 2018 Sep;53(3):1374-1384.
 57. Zhou W, Wang J, Qi Q, Feng Z, Huang B, Chen A, Zhang D, Li W, Zhang Q, Bjerkvig R, Li X, Wang J. Matrine induces senescence of human glioblastoma cells through suppression of the IGF1/PI3K/AKT/p27 signaling pathway. *CANCER MED-US*. 2018 Sep;7(9):4729-4743.
 58. Jin J, Hu K, Ye M, Wu D, He Q. Rapamycin Reduces Podocyte Apoptosis and is Involved in Autophagy and mTOR/ P70S6K/4EBP1 Signaling. *CELL PHYSIOL BIOCHEM*. 2018;48(2):765-772.
 59. Huang C, Tao L, Wang XL, Pang Z. Berberine reversed the epithelial-mesenchymal transition of normal colonic epithelial cells induced by SW480 cells through regulating the important components in the TGF- β pathway. *J Cell Physiol*. 2019 Jul;234(7):11679-11691.
 60. Li D, Li X, Li G, Meng Y, Jin Y, Shang S, Li Y. Alpinumisoflavone causes DNA damage in Colorectal Cancer Cells via blocking DNA repair mediated by RAD51. *Life Sci*. 216:259-270.
 61. Su W, Tang J, Wang Y, Sun S, Shen Y, Yang H. Long non-coding RNA highly up-regulated in liver cancer promotes epithelial-to-mesenchymal transition process in oral squamous cell carcinoma. *J Cell Mol Med*. 23(4):2645-2655.
 62. Chen L, Hu W, Li G, Guo Y, Wan Z, Yu J. Inhibition of miR-9-5p suppresses prostate cancer progress by targeting StarD13. *Cell Mol Biol Lett*. 24:20.
 63. Bai J, Gao Y, Chen L, Yin Q, Lou F, Wang Z, Xu Z, Zhou H, Li Q, Cai W, Sun Y, Niu L, Wang H, Wei Z, Lu S, Zhou A, Zhang J, Wang H. Identification of a natural inhibitor of methionine adenosyltransferase 2A regulating one-carbon metabolism in keratinocytes. *EBioMedicine*. 39:575-590.
 64. Ding L, Gu H, Lan Z, Lei Q, Wang W, Ruan J, Yu M, Lin J, Cui Q. Downregulation of cyclooxygenase-1 stimulates mitochondrial apoptosis through the NF- κ B signaling pathway in colorectal cancer cells. *Oncol Rep*. 41(1):559-569.
 65. Qin X, Chen Z. Metabolic dependence of cyclosporine A on cell proliferation of human non-small cell lung cancer A549 cells and its implication in post-transplant malignancy. *Oncol Rep*. 41(5):2997-3004.
 66. Chen L, Lin L, Xian N, Zheng Z. Annexin A2 regulates glioma cell proliferation through the STAT3-cyclin D1 pathway. *Oncol Rep*. 42(1):399-413.
 67. Niu G, Yang Y, Ren J, Song T, Hu Z, Chen L, Hong R, Xia J, Ke C, Wang X. Overexpression of CPXM2 predicts an unfavorable prognosis and promotes the proliferation and migration of gastric cancer. *Oncol Rep*. 42(4):1283-1294.
 68. Zhang Y, Yang M, Zhou P, Yan H, Zhang Z, Zhang H, Qi R, Liu J. β -Hydroxy- β -methylbutyrate-Induced Upregulation of miR-199a-3p Contributes to Slow-To-Fast Muscle Fiber Type Conversion in Mice and C2C12 Cells. *J AGR FOOD CHEM*. 68(2):530-540.
 69. Dang YF, Qiu TX, Song DW, Liu L. PMA-triggered PKC ϵ activity enhances Nrf2-mediated antiviral response on fish rhabdovirus infection. *FISH SHELLFISH IMMUN*. 87:871-878.
 70. Xinmin Zhao, Xianghua Wu, Huijie Wang, Hui Yu, Jialei Wang. USP53 promotes apoptosis and inhibits glycolysis in lung adenocarcinoma through FKBP51-AKT1 signaling. *MOL CARCINOGEN*. doi: 10.1002/mc.23230.
 71. Deming Li, Yuan Cui, Xinjing Wang, Fang Liu, Xinli Li. Apple polyphenol extract alleviates lipid accumulation in free-fatty-acid-exposed HepG2 cells via activating autophagy mediated by SIRT1/AMPK signaling. *Phytother Res*. doi: 10.1002/ptr.6902.
 72. Meng Wang, Lingchen Wang, Yuan Zhou, Xiaoxuan Feng, Chaoyang Ye, Chen Wang. Icarin attenuates renal fibrosis in chronic kidney disease by inhibiting interleukin-1 β /transforming growth factor- β -mediated activation of renal fibroblasts. *Phytother Res*. doi: 10.1002/ptr.7256.
 73. Abbas Shafiee, Lida Moradi, Mayasari Lim, Jason Brown. Coronavirus disease 2019: A tissue engineering and regenerative medicine perspective. *STEM CELL TRANSL MED*. doi: 10.1002/sctm.20-0197.
 74. Xun Zhang, Yanqing Yang, Tianyi Kang, Jun Wang, Guang Yang, Yuming Yang, Xiangwei Lin, Lidai Wang, Kai Li, Jie Liu, Jen-Shyang Ni. NIR-II Absorbing Semiconducting Polymer-Triggered Gene-Directed Enzyme Prodrug Therapy for Cancer Treatment. *Small*. doi: 10.1002/sml.202100501.
 75. Shaowei Zhuang, Yan Ma, Yuxiao Zeng, Cheng Lu, Fenghua Yang, Nianxin Jiang, Junwei Ge, Haining Ju, Chunlin Zhong, Jiayi Wang, Jiehan Zhang, Shengyang Jiang. METTL14 promotes doxorubicin-induced cardiomyocyte ferroptosis by regulating the KCNQ1OT1-miR-7-5p-TFRC axis. *Cell Biol Toxicol*. doi: 10.1007/s10565-021-09660-7.
 76. Weijie Xie, Yanqin Zeng, Yunqiu Zheng, Bin Cai. Activated AMPK Protects Against Chronic Cerebral Ischemia in Bilateral Carotid Artery Stenosis Mice. *Cell Mol Neurobiol*. doi: 10.1007/s10571-022-01312-6.
 77. Jie Huang, Jing Liu, Guangjun Chang, Yan Wang, Nana Ma, Animesh Chandra Roy, Xiangzhen Shen. Glutamine Supplementation Attenuates the Inflammation Caused by LPS-Induced Acute Lung Injury in Mice by Regulating the TLR4/MAPK Signaling Pathway. *Inflammation*. doi: 10.1007/s10753-021-01491-2.
 78. Zhaoyang Li, Wenhao Dong, Xinyuan Zhang, Jun-Mei Lu, Yan-Ai Mei, Changlong Hu. Protein Kinase C Controls the Excitability of Cortical Pyramidal Neurons by Regulating Kv2.2 Channel Activity. *Neurosci Bull*. doi: 10.1007/s12264-021-00773-x.
 79. Rui Zuo, Jiabin Liu, Yi Zhang, Haiyan Zhang, Jie Li, Junlong Wu, Yuelun Ji, Shichao Mao, Changqing Li, Yue Zhou, Yuzhang Wu, Daozhang Cai, Yongjian Sun, Chao Zhang. In situ regeneration of bone-to-tendon structures: Comparisons between costal-cartilage derived stem cells and BMSCs in the rat model. *Acta Biomater*. doi: 10.1016/j.actbio.2022.03.056.
 80. Teng Wang, Na Li, Linfang Jin, Xiaowei Qi, Chun Zhang, Dong Hua. The calcium pump PMCA4 prevents epithelial-mesenchymal transition by inhibiting NFATc1-ZEB1 pathway in gastric cancer. *BBA-MOL CELL RES*. doi: 10.1016/j.bbamcr.2020.118833.
 81. Sichong Han, Zhe Wang, Jining Liu, Hui-Min David Wang, Qipeng Yuan. miR-29a-3p-dependent COL3A1 and COL5A1 expression reduction assists sulforaphane to inhibit gastric cancer progression. *Biochem Pharmacol*. doi: 10.1016/j.bcp.2021.114539.
 82. Muhammad Rafique, Tingting Wei, Qiqi Sun, Adam C Midgley, Ziqi Huang, Ting

- Wang, Muhammad Shafiq, Dengke Zhi, Jianghua Si, Hongyu Yan, Deling Kong, Kai Wang. The effect of hypoxia-mimicking responses on improving the regeneration of artificial vascular grafts. *Biomaterials*. doi: 10.1016/j.biomaterials.2021.120746.
83. Wei Ju, Na Li, Junjie Wang, Nairong Yu, Zhichao Lei, Lulu Zhang, Jianbo Sun, Li Chen. Design and synthesis of novel mitochondria-targeted CDDO derivatives as potential anti-cancer agents. *Bioorg Chem*. doi: 10.1016/j.bioorg.2021.105249.
84. Haiyingjie Lin, Xiaoting Chen, Chengyong Zhang, Tingting Yang, Zhendong Deng, Yuwei Song, Lanlan Huang, Fuxiang Li, Qingchu Li, Shaoqiang Lin, Dadi Jin. EF24 induces ferroptosis in osteosarcoma cells through HMOX1. *Biomed Pharmacother*. doi: 10.1016/j.biopha.2020.111202.
85. Xiaoyue Ge, Weifang Zhang, Tiantian Zhu, Ning Huang, Maozhong Yao, Hong Liu, Di Wang, Guangxuan Zhu, Zheng Zhang, Changping Hu. Hypoxia-activated platelets stimulate proliferation and migration of pulmonary arterial smooth muscle cells by phosphatidylserine/LOX-1 signaling-impelled intercellular communication. *Cell Signal*. doi: 10.1016/j.cellsig.2021.110149.
86. Rendan Yang, Yamei Li, Yanli Wang, Jingjing Zhang, Qijing Fan, Jianlin Tan, Weizhen Li, Xiaoju Zou, Bin Liang. NHR-80 senses the mitochondrial UPR to rewire citrate metabolism for lipid accumulation in *Caenorhabditis elegans*. *Cell Rep*. doi: 10.1016/j.celrep.2021.110206.
87. Zheng Li, Wenliang Qian, Wei Song, Tujing Zhao, Yan Yang, Weina Wang, Ling Wei, Dongchao Zhao, Yaoyao Li, Norbert Perrimon, Qingyou Xia, Daojun Cheng. A salivary gland-secreted peptide regulates insect systemic growth. *Cell Rep*. doi: 10.1016/j.celrep.2022.110397.
88. Qianwen Hu, Tingting Xu, Min Zhang, Heng Zhang, Yongbo Liu, Hua-Bing Li, Chiqi Chen, Junke Zheng, Zhen Zhang, Fubin Li, Nan Shen, Wenqian Zhang, Ari Melnick, Chuanxin Huang. Diverging regulation of Bach2 protein and RNA expression determine cell fate in early B cell response. *Cell Rep*. doi: 10.1016/j.celrep.2022.111035.
89. You-Wu Dai, Jun-Kai Ma, Rui Jiang, Xiao-Lin Zhan, Si-Ying Chen, Lin-Lin Feng, Qi Zhang, Ting-Bo Liang, Kaosheng Lv, Guan-Jun Yang, Jian-Fei Lu, Jiong Chen, Xin-Jiang Lu. Meteorin links the bone marrow hypoxic state to hematopoietic stem/progenitor cell mobilization. *Cell Rep*. doi: 10.1016/j.celrep.2022.111361.
90. Lingfang Wang, Guankai Zhan, Yasen Maimaitiyiming, Yingfeng Su, Shitong Lin, Jinfeng Liu, Kunhui Su, Jiebo Lin, Shizhen Shen, Wentao He, Fenfen Wang, Jiafeng Chen, Siqi Sun, Yite Xue, Jiabin Gu, Xiaojing Chen, Jian Zhang, Lu Zhang, Qianqian Wang, Kao-Jung Chang, Shih-Hwa Chiou, Mikael Björklund, Hua Naranmandura, Xiaodong Cheng, Chih-Hung Hsu. m6A modification confers thermal vulnerability to HPV E7 oncotranscripts via reverse regulation of its reader protein IGF2BP1 upon heat stress. *Cell Rep*. doi: 10.1016/j.celrep.2022.111546.
91. Bingke Ma, Xingyue Shan, Juehua Yu, Tailin Zhu, Ren Li, Hui Lv, Haidi Cheng, Tiantian Zhang, Lihua Wang, Feiyang Wei, Bo Meng, Xiaobing Yuan, Bing Mei, Xiao-Yong Zhang, Wei-Guang Li, Fei Li. Social deficits via dysregulated Rac1-dependent excitability control of prefrontal cortical neurons and increased GABA/glutamate ratios. *Cell Rep*. doi: 10.1016/j.celrep.2022.111722.
92. Chen Chen, Weiqiao Zhang, Tingyue Zhou, Qiuyuan Liu, Chao Han, Zonghui Huang, Si Chen, Qiao Mei, Cunjin Zhang, Kaiguang Zhang, Hongdi Ma, Rongbin Zhou, Wei Jiang, Wen Pan, Shu Zhu. Vitamin B5 rewires Th17 cell metabolism via impeding PKM2 nuclear translocation. *Cell Rep*. doi: 10.1016/j.celrep.2022.111741.
93. Yayun Gu, Yan Zhou, Sihan Ju, Xiaofei Liu, Zicheng Zhang, Jia Guo, Jimiao Gao, Jie Zang, Hao Sun, Qi Chen, Jinghan Wang, Jiani Xu, Yiqun Xu, Yingjia Chen, Yueshuai Guo, Juncheng Dai, Hongxia Ma, Cheng Wang, Guangfu Jin, Chaojun Li, Yankai Xia, Hongbing Shen, Yang Yang, Xuejiang Guo, Zhibin Hu. Multi-omics profiling visualizes dynamics of cardiac development and functions. *Cell Rep*. doi: 10.1016/j.celrep.2022.111891.
94. Fangquan Chen, Shan Zhu, Rui Kang, Daolin Tang, Jiao Liu. ATP6V0D1 promotes alkaliptosis by blocking STAT3-mediated lysosomal pH homeostasis. *Cell Rep*. doi: 10.1016/j.celrep.2022.111911.
95. Huijuan Ma, Jinxuan Lin, Linyi Li, Zhaoqian Ding, Ping Huang, Xiaodong Song, Kaiyan Lou, Wei Wang, Huan Xu. Formaldehyde reinforces pro-inflammatory responses of macrophages through induction of glycolysis. *Chemosphere*. doi: 10.1016/j.chemosphere.2021.131149.
96. Jiabin Li, Weilin Wang, Qi Zhao, Siqi Fan, Yan Li, Pei Yuan, Lingling Wang, Linsheng Song. A haemocyte-expressed Methyltransferase domain containing protein (MFCP) exhibiting microbe binding activity in oyster *Crassostrea gigas*. *Dev Comp Immunol*. doi: 10.1016/j.dci.2021.104137.
97. Conghui Wang, Meng Gao, Shuqi Liu, Zongji Zou, Ruiyin Ren, Chen Zhang, Hao Xie, Jingxian Sun, Yupeng Qi, Qi Qu, Zhihua Song, Gangqiang Yang, Hongbo Wang. Pyxinol bearing amino acid residues: Easily achievable and promising modulators of P-glycoprotein-mediated multidrug resistance. *Eur J Med Chem*. doi: 10.1016/j.ejmech.2021.113317.
98. Jing-Cai Liu, Zi-Hui Yan, Bo Li, Hong-Chen Yan, Massimo De Felici, Wei Shen. Di (2-ethylhexyl) phthalate impairs primordial follicle assembly by increasing PDE3A expression in oocytes. *Environ Pollut*. doi: 10.1016/j.envpol.2020.116088.
99. Hai Jia, Ning Liu, Yunchang Zhang, Chao Wang, Ying Yang, Zhenlong Wu. 3-Acetyldeoxynivalenol induces cell death through endoplasmic reticulum stress in mouse liver. *Environ Pollut*. doi: 10.1016/j.envpol.2021.117238.
100. Xin Xia, Qiansen Zhang, Yanyan Jia, Yilai Shu, Juanmei Yang, Huaiyu Yang, Zhiqiang Yan. Molecular basis and restoration of function deficiencies of Kv7.4 variants associated with inherited hearing loss. *HEARING RES*. doi: 10.1016/j.heares.2020.107884.
101. Chang Liu, Qi Yan, Chao Gao, Liangru Lin, Jingyan Wei. Study on antioxidant effect of recombinant glutathione peroxidase 1. *Int J Biol Macromol*. doi: 10.1016/j.ijbiomac.2020.12.183.
102. Weibo Zhang, Shucheng Zhang, Chong Chen, Ning Liu, Dong Yang, Pengjie Wang, Fazheng Ren. The internalization mechanisms and trafficking of the pea albumin in Caco-2 cells. *Int J Biol Macromol*. doi: 10.1016/j.ijbiomac.2022.06.149.
103. Kunshan Liu, Yaqi Ouyang, Ru Lin, Chenyu Ge, Mian Zhou. Strong negative correlation between codon usage bias and protein structural disorder impedes protein expression after codon optimization. *J Biotechnol*. doi: 10.1016/j.jbiotec.2021.11.001.
104. Ruimin Tian, Xianfeng Liu, Lijia Jing, Lu Yang, Na Xie, Ya Hou, Honglin Tao, Yiwen Tao, Jiasi Wu, Xianli Meng. Huang-Lian-Jie-Du decoction attenuates cognitive dysfunction of rats with type 2 diabetes by regulating autophagy and NLRP3 inflammasome activation. *J Ethnopharmacol*. doi: 10.1016/j.jep.2022.115196.
105. Dongqi Liu, Gang Liu, Yuqing Li, Yue Wang, Yuanyuan Zheng, Shanshan Sha, Wenzhe Li, Akihiko Kameyama, Weijie Dong. Rapid glycosylation analysis of mouse serum glycoproteins separated by supported molecular matrix electrophoresis. *J Proteomics*. doi: 10.1016/j.jprot.2020.104098.
106. Shujun Wang, Wei Liu, Jin Wang, Xia Bai. Curculigolide inhibits ferroptosis in ulcerative colitis through the induction of GPX4. *Life Sci*. doi: 10.1016/j.lfs.2020.118356.
107. Peng Zhang, Yanfei Zhang, Liang Wang, Weihua Lou. Tumor-regulated macrophage type 2 differentiation promotes immunosuppression in laryngeal squamous cell carcinoma. *Life Sci*. doi: 10.1016/j.lfs.2020.118798.
108. Yan Lin, Xuebi Xu, Wei Wang, Fuchen Liu, Dandan Zhao, Duoling Li, Kunqian Ji, Wei Li, Yuying Zhao, Chuanzhu Yan. A mitochondrial myopathy-associated tRNASer(UCN) 7453G>A mutation alters tRNA metabolism and mitochondrial function. *Mitochondrion*. doi: 10.1016/j.mito.2020.11.015.
109. Gui-Lin Jin, Li-Mian Hong, Hai-Ping Liu, Rong-Cai Yue, Zu-Cheng Shen, Jian Yang, Ying Xu, Hui-Hui Huang, Yi Li, Bo-Jun Xiong, Yan-Ping Su, Chang-Xi Yu. Koumine modulates spinal microglial M1 polarization and the inflammatory response through the Notch-RBP-J κ signaling pathway, ameliorating diabetic neuropathic pain in rats. *Phytomedicine*. doi: 10.1016/j.phymed.2021.153640.
110. Yu Song, Qing-Xiang Meng, Ke Wu, Rong Hua, Zhi-Jing Song, Ying Song, Xia Qin, Jun-Li Cao, Yong-Mei Zhang. Disinhibition of PVN-projecting GABAergic neurons in AV region in BNST participates in visceral hypersensitivity in rats. *Psychoneuroendocrinology*. doi: 10.1016/j.psyneuen.2020.104690.

111. Pan Chang, Xiaomeng Zhang, Jing Zhang, Jianbang Wang, Xihui Wang, Man Li, Rui Wang, Jun Yu, Feng Fu. BNP protects against diabetic cardiomyopathy by promoting Opa1-mediated mitochondrial fusion via activating the PKG-STAT3 pathway. *Redox Biol.* doi: 10.1016/j.redox.2023.102702.
112. Xiudan Wang, Changmei Li, Zhao Lv, Zhenqiang Zhang, Limei Qiu. A calcification-related calmodulin-like protein in the oyster *Crassostrea gigas* mediates the enhanced calcium deposition induced by CO₂ exposure. *Sci Total Environ.* doi: 10.1016/j.scitotenv.2022.155114.
113. Fangwei Yang, Yixuan Li, Yunfei Xie, Weirong Yao, Fazheng Ren. Diethyl phosphate disrupts hypothalamus-pituitary-adrenal axis endocrine hormones via nuclear receptors GR and Nur77: Integration of evidences from in vivo, in vitro and in silico approaches. *Sci Total Environ.* doi: 10.1016/j.scitotenv.2022.157015.
114. Xin Qian, Xiangjiang Guo, Qihong Ni, Han Wang, Meng Ye, Lan Zhang. SREBP1 suppresses the differentiation and epithelial function of hiPSC-derived endothelial cells by inhibiting the microRNA199b-5p pathway. *Stem Cell Res.* doi: 10.1016/j.scr.2021.102174.
115. Rongqin Dai, Meirong Wu, Yin Zhang, Zunmin Zhu, Jie Shi. G protein nucleolar 3 promotes Non-Hodgkin lymphoma progression by activating the Wnt/ β -catenin signaling pathway. *Exp Cell Res.* doi: 10.1016/j.yexcr.2021.112911.
116. Cheng Wang, Shaobo Wang, Daixi Li, Peiqin Chen, Songling Han, Gaomei Zhao, Yin Chen, Jianqi Zhao, Jiachuan Xiong, Jingfei Qiu, Dong-Qing Wei, Jinghong Zhao, Junping Wang. Human Cathelicidin Inhibits SARS-CoV-2 Infection: Killing Two Birds with One Stone. *ACS Infect Dis.* doi: 10.1021/acscinfeddis.1c00096.
117. Cheng Wang, Shaobo Wang, Yin Chen, Jianqi Zhao, Songling Han, Gaomei Zhao, Jing Kang, Yong Liu, Liting Wang, Xiaoyang Wang, Yang Xu, Song Wang, Yi Huang, Junping Wang, Jinghong Zhao. Membrane Nanoparticles Derived from ACE2-Rich Cells Block SARS-CoV-2 Infection. *ACS Nano.* doi: 10.1021/acsnano.0c06836.
118. Jian Zhang, Mengmeng Qin, Dan Yang, Lan Yuan, Xiajuan Zou, Wenbing Dai, Hua Zhang, Xueqing Wang, Bing He, Qiang Zhang. Nanoprotein Interaction Atlas Reveals the Transport Pathway of Gold Nanoparticles across Epithelium and Its Association with Wnt/ β -Catenin Signaling. *ACS Nano.* doi: 10.1021/acsnano.1c06452.
119. Xiaoting Hu, Qiaoyi Xu, Hanxi Wan, Yue Hu, Shunpeng Xing, Hao Yang, Yuan Gao, Zhengyu He. PI3K-Akt-mTOR/PFKFB3 pathway mediated lung fibroblast aerobic glycolysis and collagen synthesis in lipopolysaccharide-induced pulmonary fibrosis. *Lab Invest.* doi: 10.1038/s41374-020-0404-9.
120. Zongang Liu, Mengnan Zhao, Xizi Jiang, Yao Zhang, Suning Zhang, Yitong Xu, Hongjiu Ren, Hongbo Su, Huanxi Wang, Xueshan Qiu. Upregulation of KLHL17 promotes the proliferation and migration of non-small cell lung cancer by activating the Ras/MAPK signaling pathway. *Lab Invest.* doi: 10.1038/s41374-022-00806-7.
121. Liu-Shan Chen, Meng Zhang, Peng Chen, Xiao-Feng Xiong, Pei-Qing Liu, Hai-Bin Wang, Jun-Jian Wang, Juan Shen. The m6A demethylase FTO promotes the osteogenesis of mesenchymal stem cells by downregulating PPAR γ . *Acta Pharmacol Sin.* doi: 10.1038/s41401-021-00756-8.
122. Jia-Yi He, Quan Hong, Bi-Xia Chen, Shao-Yuan Cui, Ran Liu, Guang-Yan Cai, Jiao Guo, Xiang-Mei Chen. Ginsenoside Rb1 alleviates diabetic kidney podocyte injury by inhibiting aldose reductase activity. *Acta Pharmacol Sin.* doi: 10.1038/s41401-021-00788-0.
123. Jialan Lyu, Yuchen Chen, Weiwei Yang, Ting Guo, Xiao Xu, Yongmei Xi, Xiaohang Yang, Wanzhong Ge. The conserved microRNA miR-210 regulates lipid metabolism and photoreceptor maintenance in the *Drosophila* retina. *Cell Death Differ.* doi: 10.1038/s41418-020-00622-w.
124. Shuoyi Jiang, Xiaoge Wang, Yuanming He, Hongbiao Huang, Biyin Cao, Zubin Zhang, Jinbao Liu, Qi Wang, Zhenqian Huang, Xinliang Mao. Suppression of USP7 induces BCR-ABL degradation and chronic myelogenous leukemia cell apoptosis. *Cell Death Dis.* doi: 10.1038/s41419-021-03732-6.
125. Dan-Ni Wang, Zhi-Qiang Wang, Ming Jin, Min-Ting Lin, Ning Wang. CRISPR/Cas9-based genome editing for the modification of multiple duplications that cause Duchenne muscular dystrophy. *Gene Ther.* doi: 10.1038/s41434-022-00336-3.
126. Mi Ke, Xiao Yuan, An He, Peiyuan Yu, Wendong Chen, Yu Shi, Tony Hunter, Peng Zou, Ruijun Tian. Spatiotemporal profiling of cytosolic signaling complexes in living cells by selective proximity proteomics. *Nat Commun.* doi: 10.1038/s41467-020-20367-x.
127. Song Xue, Fan Zhou, Tian Zhao, Huimin Zhao, Xuewei Wang, Long Chen, Jin-Ping Li, Shi-Zhong Luo. Phase separation on cell surface facilitates bFGF signal transduction with heparan sulphate. *Nat Commun.* doi: 10.1038/s41467-022-28765-z.
128. Caojie Liu, Qiuchan Xiong, Qiwen Li, Weimin Lin, Shuang Jiang, Danting Zhang, Yuan Wang, Xiaobo Duan, Ping Gong, Ning Kang. CHD7 regulates bone-fat balance by suppressing PPAR γ signaling. *Nat Commun.* doi: 10.1038/s41467-022-29633-6.
129. Nan Chen, Yong-Jun Liu, Yong-Liang Fan, Xiao-Jin Pei, Yang Yang, Ming-Tao Liao, Jiru Zhong, Na Li, Tong-Xian Liu, Guirong Wang, Yufeng Pan, Coby Schal, Sheng Li. A single gene integrates sex and hormone regulators into sexual attractiveness. *Nat Ecol Evol.* doi: 10.1038/s41559-022-01808-w.
130. Huiling Li, Yangao Huo, Xi He, Liping Yao, Hao Zhang, Yiqiang Cui, Huijuan Xiao, Wenxiu Xie, Dejiu Zhang, Yue Wang, Shu Zhang, Haixia Tu, Yiwei Cheng, Yueshuai Guo, Xintao Cao, Yunfei Zhu, Tao Jiang, Xuejiang Guo, Yan Qin, Jiahao Sha. A male germ-cell-specific ribosome controls male fertility. *Nature.* doi: 10.1038/s41586-022-05508-0.
131. Chenxi Wang, Yang Yang, Nan Gao, Jing Lan, Xiujing Dou, Jianping Li, Anshan Shan. L-Threonine upregulates the expression of β -defensins by activating the NF- κ B signaling pathway and suppressing SIRT1 expression in porcine intestinal epithelial cells. *Food Funct.* doi: 10.1039/d1fo00269d.
132. Xueming Si, Ning Liu, Hai Jia, Jiaqi Wang, Lina Pan, Ling Dong, Zhixing Rong, Ying Yang, Zhenlong Wu. Gut relief formula attenuates dextran sulfate sodium-induced colitis by regulating NF- κ B signaling and the intestinal microbiota in mice. *Food Funct.* doi: 10.1039/d1fo01477c.
133. Yue Zhu, Zhiyu Li, Xiaoqing Sun, Yichun Gao, Ke Kang, Jing He, Yao Wu. Magnetic nanoparticle-infiltrated hydroxyapatite scaffolds accelerate osteoclast apoptosis by inhibiting autophagy-aggravated ER stress. *J Mater Chem B.* doi: 10.1039/d2tb01392d.
134. Rui Wang, Bin Zheng, Hongyan Liu, Xiuxian Wan. Long non-coding RNA PCAT1 drives clear cell renal cell carcinoma by upregulating YAP via sponging miR-656 and miR-539. *Cell Cycle.* doi: 10.1080/15384101.2020.1748949.
135. Mengyu Liu, Huifeng Pi, Yu Xi, Liting Wang, Li Tian, Mengyan Chen, Jia Xie, Ping Deng, Tao Zhang, Chao Zhou, Yidan Liang, Lei Zhang, Mindi He, Yonghui Lu, Chunhai Chen, Zhengping Yu, Zhou Zhou. KIF5A-dependent axonal transport deficiency disrupts autophagic flux in trimethyltin chloride-induced neurotoxicity. *Autophagy.* doi: 10.1080/15548627.2020.1739444.
136. Yiming Lei, Xuan Xu, Huiling Liu, Lingjun Chen, Haoxiong Zhou, Jie Jiang, Yidong Yang, Bin Wu. HBx induces hepatocellular carcinogenesis through ARRB1-mediated autophagy to drive the G1/S cycle. *Autophagy.* doi: 10.1080/15548627.2021.1917948.
137. Lidong Wang, Ying Zhang, Jiapeng Yang, Lei Liu, Baiyu Yao, Zhong Tian, Jingni He. The Knockdown of ETV4 Inhibits the Papillary Thyroid Cancer Development by Promoting Ferroptosis Upon SLC7A11 Downregulation. *DNA Cell Biol.* doi: 10.1089/dna.2021.0216.
138. Yu Zhang, Jiapeng Xu, Hongbing Fu, Ziran Wei, Dejun Yang, Ronglin Yan. UBE3C promotes proliferation and inhibits apoptosis by activating the β -catenin signaling via degradation of AXIN1 in gastric cancer. *Carcinogenesis.* doi: 10.1093/carcin/bgaa098.
139. Jie Pan, Mengxin Lin, Zongbin Xu, Meifang Xu, Junrong Zhang, Zongqi Weng, Bingqiang Lin, Xiaoyan Lin. CDKN2B antisense RNA 1 suppresses tumor growth in human colorectal cancer by targeting MAPK inactivator dual-specificity phosphatase 1. *Carcinogenesis.* doi: 10.1093/carcin/bgab077.
140. Tiantian Xiong, Ping He, Mi Zhou, Dan Zhong, Teng Yang, Wenhui He, Zhizhen Xu, Zongtao Chen, Yang-Wuyue Liu, Shuang-Shuang Dai. Glutamate blunts

- cell-killing effects of neutrophils in tumor microenvironment. *Cancer Sci.* doi: 10.1111/cas.15355.
141. Lin Ye, Wanxia Pang, Yanheng Huang, Hongluan Wu, Xiaorong Huang, Jianxing Liu, Shujun Wang, Chen Yang, Qingjun Pan, Huafeng Liu. Lansoprazole promotes cisplatin-induced acute kidney injury via enhancing tubular necroptosis. *J Cell Mol Med.* doi: 10.1111/jcmm.16302.
142. Qi Xu, Demin Cheng, Yi Liu, Honghong Pan, Guanru Li, Ping Li, Yan Li, Wenqing Sun, Dongyu Ma, Chunhui Ni. LncRNA-ATB regulates epithelial-mesenchymal transition progression in pulmonary fibrosis via sponging miR-29b-2-5p and miR-34c-3p. *J Cell Mol Med.* doi: 10.1111/jcmm.16758.
143. Jiao Mu, Jiequn Weng, Chaoxian Yang, Teng Guan, Li Deng, Meiyu Li, Guohui Zhang, Jiming Kong. Necrostatin-1 prevents the proapoptotic protein Bcl-2/adenovirus E1B 19-kDa interacting protein 3 from integration into mitochondria. *J Neurochem.* doi: 10.1111/jnc.14993.
144. Jinpeng Wu, Zengqi Tan, Hongjiao Li, Meixuan Lin, Yazhuo Jiang, Liang Liang, Qilong Ma, Junjie Gou, Lulu Ning, Xiang Li, Feng Guan. Melatonin reduces proliferation and promotes apoptosis of bladder cancer cells by suppressing O-GlcNAcylation of cyclin-dependent-like kinase 5. *J Pineal Res.* doi: 10.1111/jpi.12765.
145. Yunxie Wei, Wen Liu, Wei Hu, Yu Yan, Haitao Shi. The chaperone MeHSP90 recruits MeWRKY20 and MeCatalase1 to regulate drought stress resistance in cassava. *New Phytol.* doi: 10.1111/nph.16346.
146. Weihua Wu, Qian Chai, Ziyang Zhang. Inhibition of SGLT1 Alleviates the Glycemic Variability-Induced Cardiac Fibrosis via Inhibition of Activation of Macrophage and Cardiac Fibroblasts. *Mol Cell Biol.* doi: 10.1128/MCB.00282-21.
147. Hang Su, Zhiwei Liao, Chunrong Yang, Yongan Zhang, Jianguo Su. Grass Carp Reovirus VP56 Allies VP4, Recruits, Blocks, and Degrades RIG-I to More Effectively Attenuate IFN Responses and Facilitate Viral Evasion. *Microbiol Spectr.* doi: 10.1128/Spectrum.01000-21.
148. Dongyang Li, Haitao Liu, Hongyang Wang, Shuwei Jia, Xiaoran Wang, Shuo Ling, Guichuan Chen, Xiaoyu Liu, Yu-Feng Wang. Astrocytic Hydrogen Sulfide Regulates Supraoptic Cellular Activity in the Adaptive Response of Lactating Rats to Chronic Social Stress. *ASN Neuro.* doi: 10.1177/17590914211043087.
149. Xiaoqiu Yuan, Tiefeng Li, Lei Shi, Jinhao Miao, Yongfei Guo, Yu Chen. Human umbilical cord mesenchymal stem cells deliver exogenous miR-26a-5p via exosomes to inhibit nucleus pulposus cell pyroptosis through METTL14/NLRP3. *Mol Med.* doi: 10.1186/s10020-021-00355-7.
150. Peng-Wei Guo, Hai-Ting Huang, Jing Ma, Yao Zuo, Dan Huang, Lin-Lin He, Zi-Ming Wan, Cheng Chen, Fa-Fen Yang, Yan-Wu You. Circular RNA-0007059 protects cell viability and reduces inflammation in a nephritis cell model by inhibiting microRNA-1278/SHP-1/STAT3 signaling. *Mol Med.* doi: 10.1186/s10020-021-00372-6.
151. Qi Pan, Lu Wang, Yu Liu, Min Li, Yao Zhang, Wei Peng, Tan Deng, Mei-Ling Peng, Jin-Qiong Jiang, Jiao Tang, Jingjing Wang, Hua-Xin Duan, Sha-Sha Fan. Knockdown of POLQ interferes the development and progression of hepatocellular carcinoma through regulating cell proliferation, apoptosis and migration. *Cancer Cell Int.* doi: 10.1186/s12935-021-02178-2.
152. Yunying Zhu, Chenshuang Lei, Qian Jiang, Qinhuo Yu, Liannv Qiu. DSF/Cu induces antitumor effect against diffuse large B-cell lymphoma through suppressing NF- κ B/BCL6 pathways. *Cancer Cell Int.* doi: 10.1186/s12935-022-02661-4.
153. Min Liu, Moyun Li, Yu Zhou, Qian Zhou, Yugang Jiang. HSP90 inhibitor 17AAG attenuates sevoflurane-induced neurotoxicity in rats and human neuroglioma cells via induction of HSP70. *J Transl Med.* doi: 10.1186/s12967-020-02332-w.
154. Nannan Gao, Feng Yang, Siyuan Chen, Hanxing Wan, Xiaoyan Zhao, Hui Dong. The role of TRPV1 ion channels in the suppression of gastric cancer development. *J EXP CLIN CANC RES.* doi: 10.1186/s13046-020-01707-7.
155. Pengcheng Wang, Juan Bai, Xuwei Liu, Mi Wang, Xianwei Wang, Ping Jiang. Tomatidine inhibits porcine epidemic diarrhea virus replication by targeting 3CL protease. *Vet Res.* doi: 10.1186/s13567-020-00865-y.
156. Bei Li, Junjian Yu, Peipei Liu, Taohui Zeng, Xueliang Zeng. Astragaloside IV protects cardiomyocytes against hypoxia injury via HIF-1 α and the JAK2/STAT3 pathway. *Ann Transl Med.* doi: 10.21037/atm-21-4080.
157. Xuan Zou, Yang Wang, Yuheng Wang, Junting Yang, Huishu Guo, Zhengxu Cai. Paeoniflorin Alleviates Abnormalities in Rats with Functional Dyspepsia by Stimulating the Release of Acetylcholine. *DRUG DES DEV THER.* doi: 10.2147/DDDT.S260703.
158. Qianqian Cheng, Xiaodi Feng, Qi Meng, Yaqi Li, Siqi Chen, Guoen Wang, Ke Nie. [6]-Gingerol Ameliorates Cisplatin-Induced Pica by Regulating the TPH/MAO-A/SERT/5-HT/5-HT 3 Receptor System in Rats. *DRUG DES DEV THER.* doi: 10.2147/DDDT.S270185.
159. Xiao-Ting Hu, Hao-Chang Song, Hui Yu, Zu-Chun Wu, Xin-Guang Liu, Wei-Chun Chen. Overexpression of Progerin Results in Impaired Proliferation and Invasion of Non-Small Cell Lung Cancer Cells. *ONCOTARGETS THER.* doi: 10.2147/OTT.S237016.
160. Shunbin Jiang, Yonggang Zhang, Qing Li, Lei Qiu, Baoxiang Bian. KIAA1522 Promotes the Progression of Hepatocellular Carcinoma via the Activation of the Wnt/ β -Catenin Signaling Pathway. *ONCOTARGETS THER.* doi: 10.2147/OTT.S251157.
161. Xiaoting Chen, Yan Hu, Tianyuan Jiang, Chao Xia, Yan Wang, Yanhong Gao. Triiodothyronine Potentiates BMP9-Induced Osteogenesis in Mesenchymal Stem Cells Through the Activation of AMPK/p38 Signaling. *Front Cell Dev Biol.* doi: 10.3389/fcell.2020.00725.
162. Yifeng Xu, Boqian Wang, Xiaoxiao Liu, Yunfei Deng, Yanqi Zhu, Feng Zhu, Yanyan Liang, Hongli Li. Sp1 Targeted PARP1 Inhibition Protects Cardiomyocytes From Myocardial Ischemia-Reperfusion Injury via Downregulation of Autophagy. *Front Cell Dev Biol.* doi: 10.3389/fcell.2021.621906.
163. Xiaoting Chen, Mian Wu, Nan Liang, Junxi Lu, Shen Qu, Haibing Chen. Thyroid Hormone-Regulated Expression of Period2 Promotes Liver Urate Production. *Front Cell Dev Biol.* doi: 10.3389/fcell.2021.636802.
164. Hao Zhu, Bao Sun, Liang Zhu, Guoyou Zou, Qiang Shen. N6-Methyladenosine Induced miR-34a-5p Promotes TNF- α -Induced Nucleus Pulposus Cell Senescence by Targeting SIRT1. *Front Cell Dev Biol.* doi: 10.3389/fcell.2021.642437.
165. Yue Zhang, Qiong Wu, Guanglin Niu, Jidan Liu, Fangjun Cao, Xiaopeng An, Binyun Cao. EGF-Induced miR-223 Modulates Goat Mammary Epithelial Cell Apoptosis and Inflammation via ISG15. *Front Cell Dev Biol.* doi: 10.3389/fcell.2021.660933.
166. Weidong Jiang, Peiqi Zhu, Fangfang Huang, Zhenchen Zhao, Tao Zhang, Xiaoning An, Fengchun Liao, Lina Guo, Yan Liu, Nuo Zhou, Xuanping Huang. The RNA Methyltransferase METTL3 Promotes Endothelial Progenitor Cell Angiogenesis in Mandibular Distraction Osteogenesis via the PI3K/AKT Pathway. *Front Cell Dev Biol.* doi: 10.3389/fcell.2021.720925.
167. Di Tian, Yanmei Xing, Wenli Gao, Hongyan Zhang, Yifeng Song, Ya Tian, Zhongliang Dai. Sevoflurane Aggravates the Progress of Alzheimer's Disease Through NLRP3/Caspase-1/Gasdermin D Pathway. *Front Cell Dev Biol.* doi: 10.3389/fcell.2021.801422.
168. Fenglian Yan, Dalei Cheng, Haiyan Wang, Min Gao, Junfeng Zhang, Hongyan Cheng, Changying Wang, Hui Zhang, Huabao Xiong. Corilagin Ameliorates Con A-Induced Hepatic Injury by Restricting M1 Macrophage Polarization. *Front Immunol.* doi: 10.3389/fimmu.2021.807509.
169. Qian Wang, Zhenzhen Sun, Shihan Cao, Xiuli Lin, Mengying Wu, Yuanyuan Li, Jie Yin, Wei Zhou, Songming Huang, Aihua Zhang, Yue Zhang, Weiwei Xia, Zhanjun Jia. Reduced Immunity Regulator MAVS Contributes to Non-Hypertrophic Cardiac Dysfunction by Disturbing Energy Metabolism and Mitochondrial Homeostasis. *Front Immunol.* doi: 10.3389/fimmu.2022.919038.
170. Min Cui, Shuling Chen, Shaqiu Zhang, Anchun Cheng, Yuhong Pan, Juan Huang, Zhiqiang Hu, Xingcui Zhang, Mingshu Wang, Dekang Zhu, Shun Chen, Mafeng Liu, Xinxin Zhao, Yin Wu, Qiao Yang, Yunya Liu, Ling Zhang, Yanling Yu, Zhongqiong Yin, Bo Jing, Mujeeb Ur Rehman, Bin Tian, Leichang Pan, Renyong Jia. Duck Tembusu Virus Utilizes miR-221-3p Expression to Facilitate Viral

- Replication via Targeting of Suppressor of Cytokine Signaling 5. *Front Microbiol.* doi: 10.3389/fmicb.2020.00596.
171. Yuming Chen, Shuangqi Fan, Mengpo Zhao, Keke Wu, Erpeng Zhu, Shengming Ma, Wencheng He, Shaofeng Deng, Hailuan Xu, Jingyuan Zhang, Hongxing Ding, Lin Yi, Mingqiu Zhao, Jinding Chen. MG132 Attenuates the Replication of Classical Swine Fever Virus *in vitro*. *Front Microbiol.* doi: 10.3389/fmicb.2020.00852.
172. Jindai Fan, Mengru Zhang, Chenchen Liu, Mengjiao Zhu, Zilin Zhang, Keke Wu, Zhaoyao Li, Wenhui Li, Shuangqi Fan, Chunmei Ju, Lin Yi, Hongxing Ding, Mingqiu Zhao, Jinding Chen. The Network of Interactions Between Classical Swine Fever Virus Nonstructural Protein p7 and Host Proteins. *Front Microbiol.* doi: 10.3389/fmicb.2020.597893.
173. Yang Wang, Hongling He, Jiesen Li, Luman Chen, Jun Luo, Yanqi Kuang, Ziyu Lv, Ruqi Fan, Boyue Zhang, Yongwen Luo, Xiaofeng Guo. Rabies Virus-Induced Autophagy Is Dependent on Viral Load in BV2 Cells. *Front Microbiol.* doi: 10.3389/fmicb.2021.595678.
174. Zifeng Zheng, Yuncheng Li, Mudan Zhang, Yalan Liu, Ming Fu, Sitang Gong, Qinxue Hu. Human Norovirus NTPase Antagonizes Interferon- β Production by Interacting With Ikb Kinase ϵ . *Front Microbiol.* doi: 10.3389/fmicb.2021.687933.
175. Yalan Lai, Xiaoyan Xia, Anchun Cheng, Mingshu Wang, Xumin Ou, Sai Mao, Di Sun, Shaqiu Zhang, Qiao Yang, Ying Wu, Dekang Zhu, Renyong Jia, Shun Chen, Mafeng Liu, Xin-Xin Zhao, Juan Huang, Qun Gao, Bin Tian, Yunya Liu, Yanling Yu, Ling Zhang, Leichang Pan. DHAV-1 Blocks the Signaling Pathway Upstream of Type I Interferon by Inhibiting the Interferon Regulatory Factor 7 Protein. *Front Microbiol.* doi: 10.3389/fmicb.2021.700434.
176. Lin Liao, Jie Chen, Chuanfu Zhang, Yue Guo, Weiwei Liu, Wenrui Liu, Lianxiang Duan, Ziyang Liu, Jing Hu, Jianrao Lu. LncRNA NEAT1 Promotes High Glucose-Induced Mesangial Cell Hypertrophy by Targeting miR-222-3p/CDKN1B Axis. *Front Mol Biosci.* doi: 10.3389/fmolb.2020.627827.
177. Tong He, Huanping Guo, Lin Xia, Xipeng Shen, Yun Huang, Xiao Wu, Xuelin Jiang, Yinying Xu, Yi Tan, Yunfang Zhang, Dongmei Tan. Alterations of RNA Modification in Mouse Germ Cell-2 Spermatids Under Hypoxic Stress. *Front Mol Biosci.* doi: 10.3389/fmolb.2022.871737.
178. Keqin Li, Shuai Shao, Tongjie Ji, Min Liu, Lufeng Wang, Ying Pang, Mu Chen, Siyi Xu, Kuiming Zhang, Qi Wang, Zhongwei Zhuang, Liang Wei, Yanfei Zhang, Yanlin Chen, Yang Wang, Jing Zhang, Kui Chen, Hao Lian, Chunlong Zhong. Capicua Regulates Dendritic Morphogenesis Through Ets in Hippocampal Neurons *in vitro*. *Front Neuroanat.* doi: 10.3389/fnana.2021.669310.
179. Ding He, Hong Chen, Ming Zeng, Chunmei Xia, Jin Wang, Linlin Shen, Dalian Zhu, Yonghua Chen, Jijiang Wang. Asthmatic Airway Vagal Hypertonia Involves Chloride Dyshomeostasis of Preganglionic Neurons in Rats. *FRONT NEUROSCI-SWITZ.* doi: 10.3389/fnins.2020.00031.
180. Da Liu, Zixuan Song, Xiaoying Wang, Ling Ouyang. Ubiquitin C-Terminal Hydrolase L5 (UCHL5) Accelerates the Growth of Endometrial Cancer via Activating the Wnt/ β -Catenin Signaling Pathway. *Front Oncol.* doi: 10.3389/fonc.2020.00865.
181. Mianjie Lin, Ya-Nan Wang, Yixin Ye, Zhelei Xiong, Fengbiao Guo, Haibin Chen. DNAJC12 as a Mediator Between ESR1 and ERBB4 in Breast Carcinoma Cells. *Front Oncol.* doi: 10.3389/fonc.2021.582277.
182. Lin Chen, Cui Wu, Heming Wang, Sinuo Chen, Danhui Ma, Ye Tao, Xingye Wang, Yanhe Luan, Tiedong Wang, Yan Shi, Guangqi Song, Yicheng Zhao, Xijun Dong, Bingmei Wang. Analysis of Long Noncoding RNAs in Aila-Induced Non-Small Cell Lung Cancer Inhibition. *Front Oncol.* doi: 10.3389/fonc.2021.652567.
183. Ke-Sai Hou, Lin-Lin Wang, Hong-Bo Wang, Feng-Hua Fu, Long-Chuan Yu. Role of Calcitonin Gene-Related Peptide in Nociceptive Modulation in Anterior Cingulate Cortex of Naïve Rats and Rats With Inflammatory Pain. *Front Pharmacol.* doi: 10.3389/fphar.2020.00928.
184. Xueying Li, Jiahe Lin, Yingjie Hua, Jiaoni Gong, Siqi Ding, Yanru Du, Xinshi Wang, Rongyuan Zheng, Huiqin Xu. Agmatine Alleviates Epileptic Seizures and Hippocampal Neuronal Damage by Inhibiting Gasdermin D-Mediated Pyroptosis. *Front Pharmacol.* doi: 10.3389/fphar.2021.627557.
185. Jingyu Xu, Zonghao Tang, Youwu He, Shufang Cai, Beini Wang, Susu Zhang, Man Wu, Kai Qian, Kailun Zhang, Bo Chai, Guorong Chen, Ke Xu, Hao Ji, Jian Xiao, Yanqing Wu. DL-3-n-Butylphthalide Ameliorates Diabetic Nephropathy by Ameliorating Excessive Fibrosis and Podocyte Apoptosis. *Front Pharmacol.* doi: 10.3389/fphar.2021.628950.
186. Huimin Huang, Mingxing Li, Yi Wang, Xiaoxiao Wu, Jing Shen, Zhangang Xiao, Yueshui Zhao, Fukuan Du, Yu Chen, Zhigui Wu, Huijiao Ji, Chunyuan Zhang, Jing Li, Qinglian Wen, Parham Jabbarzadeh Kaboli, Chi Hin Cho, Shengpeng Wang, Yitao Wang, Yisheng He, Xu Wu. Excessive Intake of Longan Arillus Alters gut Homeostasis and Aggravates Colitis in Mice. *Front Pharmacol.* doi: 10.3389/fphar.2021.640417.
187. Wei Liao, Wanren Yang, Jiecheng Xu, Zhengming Yan, Mingxin Pan, Xiaoping Xu, Shuqin Zhou, Yu Zhu, Jianqiang Lan, Min Zeng, Xu Han, Shao Li, Yang Li, Kangyan Liang, Yi Gao, Qing Peng. Therapeutic Potential of CUDC-907 (Fimepinostat) for Hepatocarcinoma Treatment Revealed by Tumor Spheroids-Based Drug Screening. *Front Pharmacol.* doi: 10.3389/fphar.2021.658197.
188. Chenfei Wang, Wei Huang, Jia Lu, Hongzhan Chen, Zhihua Yu. TRPV1-Mediated Microglial Autophagy Attenuates Alzheimer's Disease-Associated Pathology and Cognitive Decline. *Front Pharmacol.* doi: 10.3389/fphar.2021.763866.
189. Yizhe Cui, Qiuju Wang, Renxu Chang, Ahmad Aboragah, Juan J Looor, Chuang Xu. Network Pharmacology-Based Analysis of Pogostemon cablin (Blanco) Benth Beneficial Effects to Alleviate Nonalcoholic Fatty Liver Disease in Mice. *Front Pharmacol.* doi: 10.3389/fphar.2021.789430.
190. Ping Meng, Chunmei Li, Sijin Duan, Shengmin Ji, Yangyang Xu, Yutong Mao, Hongbo Wang, Jingwei Tian. Epigenetic Mechanism of 5-HT/NE/DA Triple Reuptake Inhibitor on Adult Depression Susceptibility in Early Stress Mice. *Front Pharmacol.* doi: 10.3389/fphar.2022.848251.
191. Huiling Hu, Shuoping Zhang, Jing Guo, Fei Meng, Xueqin Chen, Fei Gong, Guangxiu Lu, Wei Zheng, Ge Lin. Identification of Novel Variants of Thyroid Hormone Receptor Interaction Protein 13 That Cause Female Infertility Characterized by Zygotic Cleavage Failure. *Front Physiol.* doi: 10.3389/fphys.2022.899149.
192. Sanjun Jin, Hao Yang, Yingjie Wang, Qian Pang, Yihan Jiao, Anshan Shan, Xingjun Feng. Dietary Curcumin Alleviated Aflatoxin B1-Induced Acute Liver Damage in Ducks by Regulating NLRP3-Caspase-1 Signaling Pathways. *Foods.* doi: 10.3390/foods10123086.
193. Hai Jia, Yunchang Zhang, Xueming Si, Yuhang Jin, Da Jiang, Zhaolai Dai, Zhenlong Wu. Quercetin Alleviates Oxidative Damage by Activating Nuclear Factor Erythroid 2-Related Factor 2 Signaling in Porcine Enterocytes. *Nutrients.* doi: 10.3390/nu13020375.
194. Shi-Yuan Wang, Ji-Meng Zhao, Ci-Li Zhou, Han-Dan Zheng, Yan Huang, Min Zhao, Zhi-Ying Zhang, Lu-Yi Wu, Huan-Gan Wu, Hui-Rong Liu. Herbal cake-partitioned moxibustion inhibits colonic autophagy in Crohn's disease via signaling involving distinct classes of phosphatidylinositol 3-kinases. *WORLD J GASTROENTERO.* doi: 10.3748/wjg.v26.i39.5997.
195. Chen-Yang Meng, Zhen-Qun Zhao, Rui Bai, Wei Zhao, Yu-Xing Wang, Hui-Qin Xue, Liang Sun, Chao Sun, Wei Feng, Shi-Bing Guo. MicroRNA-22 mediates the cisplatin resistance of osteosarcoma cells by inhibiting autophagy via the PI3K/Akt/mTOR pathway. *Oncol Rep.* doi: 10.3892/or.2020.7492.
196. Dandan Yi, Ru Wang, Xianbiao Shi, Lei Xu, Yimin'er Yilihamu, Jianfeng Sang. METTL14 promotes the migration and invasion of breast cancer cells by modulating N6-methyladenosine and hsa-miR-146a-5p expression. *Oncol Rep.* doi: 10.3892/or.2020.7515.
197. Shuai Zhao, Xiaohua Li, Lei Yin, Lili Hou, Jing Lan, Xun Zhu. TCRP1 induces tamoxifen resistance by promoting the activation of SGK1 in MCF-7 cells. *Oncol Rep.* doi: 10.3892/or.2020.7577.
198. Jing Chu, Jinghai Gao, Jing Wang, Lingling Li, Guoqiang Chen, Jianhong Dang, Zhifeng Wang, Zhijun Jin, Xiaojun Liu. Mechanism of hydrogen on cervical

- cancer suppression revealed by high-throughput RNA sequencing. *Oncol Rep.* doi: 10.3892/or.2021.8092.
199. Guangliang Bai, Ning Wei, Fang Li, Peng Zhao, Zhen Meng, Bo Zou, Yujiao Liu, Kai Xu, Keyi Li, Chao Yao, Peng Yang. Function and transcriptional regulation of TCTN1 in oral squamous cell carcinoma. *Oncol Rep.* doi: 10.3892/or.2021.8237.
200. Chengjian Fan, Hang Su, Zhiwei Liao, Juanjuan Su, Chunrong Yang, Yongan Zhang, Jianguo Su. Teleost-Specific MxG, a Traitor in the Mx Family, Negatively Regulates Antiviral Responses by Targeting IPS-1 for Proteasomal Degradation and STING for Lysosomal Degradation. *J Immunol.* doi: 10.4049/jimmunol.2000555.
201. Yang Liu, Runkun Liu, Junjun Zhao, Zhi Zeng, Zhan Shi, Qiliang Lu, Jinhui Guo, Lijie Li, Yingmin Yao, Xin Liu, Qiuran Xu. LncRNA TMEM220-AS1 suppresses hepatocellular carcinoma cell proliferation and invasion by regulating the TMEM220/ β -catenin axis. *J Cancer.* doi: 10.7150/jca.63351.
202. Meng Huang, Minjie Hong, Xinhao Hou, Chengming Zhu, Di Chen, Xiangyang Chen, Shouhong Guang, Xuezhong Feng. H3K9me1/2 methylation limits the lifespan of daf-2 mutants in *C. elegans*. *Elife.* doi: 10.7554/eLife.74812.
203. Wang L, Shen S, Xiao H, Ding F, Wang M, Li G, Hu F. ARHGAP24 inhibits cell proliferation and cell cycle progression and induces apoptosis of lung cancer via a STAT6-WWP2-P27 axis. *Carcinogenesis.* pii: bgz144.
204. Xuxin Zeng, Bin Lu, Fang Wang, Jianwen Mao, Lulu Deng, Yanping Li, Lianbing Hou. The effect of Smad2- and Smad3-targeting RNA interference on extracellular matrix synthesis in rat fibroblasts of peritoneal adhesion tissues. *Am J Transl Res.*
205. Yonggang Liu, Ailian Xiao, Biyuan Zhang. CCR10/CCL27 crosstalk regulates cell metastasis via PI3K-Akt signaling axis in non-small-cell lung cancer. *Am J Transl Res.*

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