

2021 发表文章列表 (SKLPB 成员为第一#或通讯作者*):

1. **Lee CH#**, Seto WK, Lui DTW, Fong CHY, Wan HY, Cheung CY, Chow WS, Woo YC, **Yuen MF**, **Xu A***, and **Lam KS***. Circulating thrombospondin-2 as a novel fibrosis biomarker of nonalcoholic fatty liver disease in type 2 diabetes. *Diabetes care*. 2021 Sep;44(9): p. 2089-2097. doi: 10.2337/dc21-0131. PMID: 34183428. [IF: 19.11]
2. Zhang J, Ni Y, Qian L, Fang Q, Zheng T, Zhang M, Gao Q, Zhang Y, Ni J, Hou X, Bao Y, **Xu A**, Li H, **Panagiotou G*** and Jia W. Decreased Abundance of Akkermansia muciniphila Leads to the Impairment of Insulin Secretion and Glucose Homeostasis in Lean Type 2 Diabetes. *Adv Sci (Weinh)*. 2021 Aug;8(16): p. 2100536. doi: 10.1002/advs.202100536. PMID: 8373164. [IF: 16.806]
3. **Long K#**, Yang Y, **Lv W**, Jiang K, **Li Y**, Lo ACY, Lam WC, Zhan C, and **Wang W***. Green Light-Triggered Intraocular Drug Release for Intravenous Chemotherapy of Retinoblastoma. *Adv Sci (Weinh)*. 2021 Aug;8(20): p. 2101754. doi: 10.1002/advs.202101754. PMID: 34448360. [IF: 16.806]
4. **Wu X#**, **Shu L**, **Zhang Z**, Li J, **Zong J**, **Cheong LY**, Ye D, **Lam KS**, Song E, Wang C, **Xu A**, and **Hoo RLC***. Adipocyte fatty acid binding protein promotes the onset and progression of liver fibrosis via mediating the crosstalk between liver sinusoidal endothelial cells and hepatic stellate cells. *Adv Sci (Weinh)*. 2021 Jun; 8(11): p. 2003721. doi: 10.1002/advs.202003721. PMID: 34105268. [IF: 16.806]
5. Ahuja P, Ng CF, Pang BPS, Chan WS, Tse MCL, Bi X, Kwan H-LR, Brobst D, Herlea-Pana O, Yang XJA, Du G, Sengnipankhku S, Noh HL, Jiao B, Kin KJ, Lee CW, Ye K, **Chan CB***. Muscle-generated BDNF (brain derived neurotrophic factor) maintains mitochondrial quality control in female mice. *Autophagy*. 2021 Oct. p. 1-18. doi: 10.1080/15548627.2021.1985257. PMID: 34689722. [IF: 16.016]
6. Wu KKL, Long KK, Lin H, Siu PMF, **Hoo RLC**, Ye D, **Xu A**, **Cheng KKY***. The APPL1-Rab5 axis restricts NLRP3 inflammasome activation through early endosomal-dependent mitophagy in macrophages. *Nat. Commun*. 2021 Nov 17;12(1):6637. doi: 10.1038/s41467-021-26987-1. PMID: 34789781. [IF: 14.919]
7. **Gu P#**, **Hui X***, Zheng Q, **Gao Y**, **Jin L**, Jiang W, Zhou C, Liu T, Huang Y, **Liu Q**, Nie T, Wang Y, **Wang Y**, Zhao J, **Xu A***. Mitochondrial uncoupling protein 1 antagonizes atherosclerosis by blocking NLRP3 inflammasome-dependent interleukin-1 β production. *Sci Adv*. 2021 Dec;7(50): p. eabl4024. doi: 10.1126/sciadv.abl4024. PMID: 34878840. [IF: 14.143]
8. Jing M, **Li Y**, Wang M, Zhang H, Wei P, **Zhou Y**, Ishimwe N, Huang X, Wang L, Wen L, **Wang W***, Zhang Y. Photoresponsive PAMAM-Assembled Nanocarrier Loaded with Autophagy Inhibitor for Synergistic Cancer Therapy. *Small*. 2021 Sep;17(38): p. 2102295. doi: 10.1002/sml.202102295. PMID: 34734489. [IF: 13.281]
9. **Cai Y#**, Liu H, Song E, **Wang L**, Xu J, He Y, Zhang D, Zhang L, Cheng KKY, **Jin**

- L, Wu M, Liu S, Qi D, Zhang L, Lopaschuk GD, Wang S, Xu A*, Xia Z*. Deficiency of telomere-associated repressor activator protein 1 precipitates cardiac aging in mice via p53/PPAR α signaling. **Theranostics**. 2021 Mar; 11(10): p. 4710. doi: 10.7150/thno.51739. PMID: 33754023. [IF: 11.556]
10. Long K#, Han H, Kang W, Lv W, Wang L, Wang Y, Ge L, and Wang W*. One-photon red light-triggered disassembly of small-molecule nanoparticles for drug delivery. **J Nanobiotechnology**. 2021 Nov;19(1): p. 1-14. doi: 10.1186/s12951-021-01103-z. PMID: 34736466. [IF: 10.435]
 11. Glogowska E, Arhatte M, Chatelain FC, Lesage F, Xu A, Grashoff C, Discher DE, Patel A, Honoré E*. Piezo1 and Piezo2 foster mechanical gating of K_{2P} channels. **Cell Rep**. 2021 Nov 30;37(9):110070. doi: 10.1016/j.celrep.2021.110070. PMID: 34852225. [IF: 9.423]
 12. Xiao Y, Shu L, Wu X, Liu Y, Cheong LY, Liao B, Xiao X, Hoo RL, Zhou Z, and Xu A*. Fatty acid binding protein 4 promotes autoimmune diabetes by recruitment and activation of pancreatic islet macrophages. **JCI Insight**. 2021 Apr;6(7). doi: 10.1172/jci.insight.141814. PMID: 33690220. [IF: 8.315]
 13. Li Y#, Zhou Y#, Wang T, Long K, Zhang Y, and Wang W*. Photoenhanced cytosolic protein delivery based on a photocleavable group-modified dendrimer. **Nanoscale**. 2021 Nov;13(42): p. 17784-17792. doi: 10.1039/d1nr04430c. PMID: 34668505. [IF: 7.790]
 14. Huang Z# and Xu A*. Adipose extracellular vesicles in intercellular and inter-organ crosstalk in metabolic health and diseases. **Front Immunol**. 2021 Feb; 12: p. 463. doi: 10.3389/fimmu.2021.608680. PMID: 33717092. Review. [IF: 7.561]
 15. Lee CH#, Lui DTW, and Lam KSL*. Adipocyte Fatty Acid-Binding Protein, Cardiovascular Diseases and Mortality. **Front Immunol**. 2021 Mar;12: p. 589206. doi: 10.3389/fimmu.2021.589206. PMID: 33815359. [IF: 7.561]
 16. Yiu JHC#*, Cheung SWM, Cai J, Chan KS, Chen J, Cheong LY, Chau HT, Xu A, Li RHW, and Woo CW*. TLR5 Supports Development of Placental Labyrinthine Zone in Mice. **Front Cell Dev Biol**. 2021 Jul; 9: p. 711253. doi: 10.3389/fcell.2021.711253. PMID: 34395439. [IF: 6.684]
 17. Yang R#, Hu Y#, Lee CH#, Liu Y, Diaz-Canestro C, Fong CHY, Lin H, Cheng KKY, Pravelil AP, Song E, Lam KSL*, Xu A*. PM20D1 is a circulating biomarker closely associated with obesity, insulin resistance and metabolic syndrome. **Eur J Endocrinol**. 2021 Dec 10;186(2):151-161. doi: 10.1530/EJE-21-0847. PMID: 34757919. [IF: 6.664]
 18. Zhang P#, Konja D, Zhang Y, and Wang Y*. Communications between Mitochondria and Endoplasmic Reticulum in the Regulation of Metabolic Homeostasis. **Cells**. 2021 Aug 25. 10(9). doi: 10.3390/cells10092195. PMID: 34571844. Review. [IF: 6.600]
 19. Li HL, Feng Q, Tsoi MF, Fei Y, and Cheung BMY*. Risk of infections in patients

- treated with ticagrelor vs. clopidogrel: a systematic review and meta-analysis. **Eur Heart J Cardiovasc Pharmacother**. 2021 May; 7(3): p. 171-179. doi: 10.1093/ehjcvp/pvaa065 PMID: 32569384. [IF: 6.617]
20. Xiang Y, Liu B, Yun C, Zhou P, Li X, Luo S, Xie Z, Che Z, Lin J, Yang L, Li X, Huang G, Xu A, Zhou Z. Frequency, clinical features, inflammatory cytokines and genetic background of latent autoimmune diabetes in youth in youth-onset type 2 diabetes: Results from a nationwide, multicentre, clinic-based, cross-sectional study (LADA China). **Diabetes Obes Metab**. 2021 Jun;23(6):1282-1291. doi: 10.1111/dom.14336. Epub 2021 Mar 23. PMID: 33528883. [IF: 6.577]
 21. Yang Y, Shen S, Cai Y, Zeng K, Liu K, Li S, Zeng L, Chen L, Tang J, Hu Z, Xia Z*, and Zhang L. Dynamic Patterns of N6-Methyladenosine Profiles of Messenger RNA Correlated with the Cardiomyocyte Regenerability during the Early Heart Development in Mice. **Oxid Med Cell Longev**. 2021 Aug; 2021: p. 5537804. doi: 10.1155/2021/5537804 PMID: 34413927. [IF: 6.543]
 22. Zhang Y#, Cao H#, Chen J, Li Y, Xu A, and Wang Y*. Adiponectin-expressing Treg facilitate T lymphocyte development in thymic nurse cell complexes. **Commun Biol**. 2021 Mar 16. 4(1): p. 344. doi: 10.1038/s42003-021-01877-w. PMID: 33727658. [IF: 6.268]
 23. Cheong LY# and Xu A*. Intercellular and inter-organ crosstalk in browning of white adipose tissue: molecular mechanism and therapeutic complications. **J Mol Cell Biol**. 2021 Oct 21. 13(7): p. 466-479. doi: 10.1093/jmcb/mjab038. PMID: 34185049. [IF: 6.216]
 24. Lee TH, Christie BR, van Praag H, Lin K, Siu PM, Xu A, So KF, Yau SY. AdipoRon Treatment Induces a Dose-Dependent Response in Adult Hippocampal Neurogenesis. **Int J Mol Sci**. 2021 Feb 19;22(4):2068. doi: 10.3390/ijms22042068. PMID: 33669795. [IF: 5.923]
 25. Li HL, Wu XP#, Xu A, and Hoo RLC*. A-FABP in Metabolic Diseases and the Therapeutic Implications: An Update. **Int J Mol Sci**. 2021 Aug; 22(17). doi: 10.3390/ijms22179386. PMID: 34502295. [IF: 5.923]
 26. He Y, Cai Y, Pai PM, Ren X, and Xia Z*. The Causes and Consequences of miR-503 Dysregulation and Its Impact on Cardiovascular Disease and Cancer. **Front Pharmacol**. 2021 Mar; 12: p. 629611. doi: 10.3389/fphar.2021.629611 PMID: PMC7982518. [IF: 5.811]
 27. Liu D#, Ding HL, Chen Y, Chen DH, Yang C, Yang LM, Liu JA, Zhang L, Xia ZY, Zhang XH, Lei S, and Xia Z. Comparison of the clinical characteristics and mortalities of severe COVID-19 patients between pre- and post-menopause women and age-matched men. **Aging (Albany NY)**. 2021 Sep 22. 13(18): p. 21903-21913. doi: 10.18632/aging.203532 PMID: 34551393. [IF: 5.682]
 28. Deng L, Lei S, Wang X, Jiang F, Lubarsky DA, Zhang L, Liu D, Han C, Zhou D, Wang Z, Sun X, Zhang Y, Cheung CW, Wang S, Xia Z, Applegate RL, Tang J, Mai Z, Liu H, and Xia Z*. Course of illness and outcomes in older COVID-19

- patients treated with HFNC: a retrospective analysis. **Aging (Albany NY)**. 2021 Jun 28;13(12): p. 15801-15814. doi: 10.18632/aging.203224. PMID: 34182540. [IF: 5.682]
29. Zhao W, Liu Z, Luo J, Ma C, Lai L, **Xia Z***, and Xu S. The roles of PARP-1 and XPD and their potential interplay in repairing bupivacaine-induced neuron oxidative DNA damage. **Aging (Albany NY)**. 2021 Jan 20;13(3): p. 4274-4290. doi: 10.18632/aging.202390 PMID: 33495403. [IF: 5.682]
 30. Lee TH, Ahadullah, Christie BR, Lin K, Siu PM, Zhang L, Yuan TF, Komal P, **Xu A**, So KF, Yau SY. Chronic AdipoRon Treatment Mimics the Effects of Physical Exercise on Restoring Hippocampal Neuroplasticity in Diabetic Mice. **Mol Neurobiol**. 2021 Sep;58(9):4666-4681. PMID: 34164760. [IF: 5.59]
 31. **Li D#**, **Li H**, Bauer C, Hu Y, Lewis JR, Xu A, Levinger I, and **Wang Y***. Lipocalin-2 Variants and Their Relationship With Cardio-Renal Risk Factors. **Front Endocrinol (Lausanne)**. 2021 Dec; 12: p. 781763. doi: 10.3389/fendo.2021.781763. PMID: 34938273. [IF: 5.555]
 32. So SCA, Tsoi MF, Cheung AJ, Cheung TT, and **Cheung BMY***. Blood and urine inorganic and organic mercury levels in the United States from 1999 to 2016. **Am J Med**. 2021 Jan; 134(1): p. e20-e30. doi: 10.1016/j.amjmed.2020.06.023. PMID: 32692984. [IF: 4.965]
 33. Lee C-O, Li H-L, Tsoi M-F, **Cheung CL**, and **Cheung BMY***. Association between the liver fat score (LFS) and cardiovascular diseases in the national health and nutrition examination survey 1999–2016. **Ann Med**. 2021 Dec; 53(1): p. 1067-1075. doi: 10.1080/07853890.2021.1943514. PMID: 34184611. [IF: 4.709]
 34. **Lee CH#**, Kan AKC, Lui DTW, Fong CHY, Chan DSH, Yuen MMA, Chow WS, Woo YC, **Xu A**, and **Lam KSL***. Prospective association of serum adipocyte fatty acid-binding protein with heart failure hospitalization in diabetes. **ESC Heart Fail**. 2021 Aug; 8(5): p. 3964-3974. doi: 10.1002/ehf2.13472. PMID: 34355511. [IF: 4.411]
 35. Feng Q, Tsoi MF, Fei Y, Cheung CL, and **Cheung BMY***. Use of ticagrelor and the risks of pneumonia and pneumonia-specific death in patients with non-acute coronary syndrome conditions: a population-based cohort study. **Sci Rep**. 2021 Oct; 11(1): p. 1-7. doi: 10.1038/s41598-021-00105-z. PMID: 34650116. [IF: 4.379]
 36. Tsoi MF, Lo CWH, Cheung TT, and **Cheung BMY***. Blood lead level and risk of hypertension in the United States National Health and Nutrition Examination Survey 1999–2016. **Sci Rep**. 2021 Feb; 11(1): p. 1-6. doi: 10.1038/s41598-021-82435-6. PMID: 33542319. [IF: 4.379]
 37. Hallenborg P, Jensen BAH, Fjære E, Petersen RK, Belmaâti MS, Rasmussen SS, Gunnarsson JP, Lauritzen P, **Cheng KKY**, Hermansson M, Sonne SB, Ejning CS, **Xu A**, Kratchmarova I, Krüger M, Madsen L, Kristiansen K, Blagoev B. Adipose MDM2 regulates systemic insulin sensitivity. **Sci Rep**. 2021 Nov 8;11(1):21839. doi: 10.1038/s41598-021-01240-3. PMID: 34750429. [IF: 4.379]

38. **Lee C-H#**, Seto WK, Jeong K, Lui DT, Fong CH, Wan HY, Chow W-S, Woo YC, Yuen MF, **Lam KS***. Development of a non-invasive liver fibrosis score based on transient elastography for risk stratification in patients with type 2 diabetes. **Endocrinol Metab (Seoul)**. 2021 Feb; 36(1): p. 134. doi: 10.3803/EnM.2020.887. PMID: 33677935. **[IF: 4.010]**
39. Cheng F, Ng NYH, Tam CHT, Zhang Y, Lim CKP, Jiang G, Ng ACW, Yau TTL, Cheung LP, **Xu A**, Chan JCN, Ma RCW. Association between FGF19, FGF21 and lipocalin-2, and diabetes progression in PCOS. **Endocr Connect**. 2021 Sep 28;10(10):1243-1252. doi: 10.1530/EC-21-0082. PMID: 34473082. **[IF: 3.335]**
40. Han RH, Huang HM, Han H, Chen H, Zeng F, Xie X, Liu DY, Cai Y, Zhang LQ, Liu X, **Xia Z***, and Tang J. Propofol postconditioning ameliorates hypoxia/reoxygenation induced H9c2 cell apoptosis and autophagy via upregulating forkhead transcription factors under hyperglycemia. **Mil Med Res**. 2021 Nov; 8(1): p. 1-16. doi: 10.1186/s40779-021-00353-0. PMID: 34753510. **[IF: 3.329]**
41. Liu J, Xiao L, Nie H, Pan Y, Liu Y, Zhang Z, Lin X, Zhang Y, Cai J, Yang M, Liu Y, Zhang L, **Xu A***, **Zhu C***. Microecological preparation combined with an modified low-carbon diet improves glucolipid metabolism and cardiovascular complication in obese patients. **Diabetol Metab Syndr**. 2021 Jul; 13(1): p. 1-9. doi: 10.1186/s13098-021-00697-6. PMID: 34256811. **[IF: 3.320]**
42. **Singh K**, Cheung BM, and **Xu A**. Ultrasensitive detection of blood biomarkers of Alzheimer's and Parkinson's diseases: a systematic review. **Biomark Med**. 2021 Dec; 15(17): p. 1693-1708. doi: 10.2217/bmm-2021-0219. PMID: 34743546. Review. **[IF: 2.851]**
43. Ong KL, Wu L, Januszewski AS, O'Connell R, **Xu A**, Scott RS, Sullivan DR, Rye KA, Li H, Ma RC, Li L, GebSKI V, Jenkins AJ, Jia W, Keech AC. The relationship of neutrophil elastase and proteinase 3 with risk factors, and chronic complications in type 2 diabetes: A Fenofibrate Intervention and Event Lowering in Diabetes (FIELD) sub-study. **Diab Vasc Dis Res**. 2021 Jul-Aug;18(4):14791641211032547. doi: 10.1177/14791641211032547. PMID: 34275349. **[IF: 2.468]**
44. Zhen J, Zeng M, Zheng X, Qiu H, Cheung BMY, **Xu A**, Wu J, and **Li C**. Human cytomegalovirus infection is associated with stroke in women: the US National Health and Nutrition Examination Survey 1999–2004. **Postgrad Med J**. 2021 Feb; 98(1157): p. 172-176. doi: 10.1136/postgradmedj-2020-139201. PMID: 33541928. **[IF: 2.401]**
45. **Liu Q#**, Tan KV, Chang HC, Khong PL, and **Hui X***. Visualization and Quantification of Brown and Beige Adipose Tissues in Mice using [18F]FDG Micro-PET/MR Imaging. **J Vis Exp**. 2021 Jul 1; (173). doi: 10.3791/62460. PMID: 34279507. **[IF: 1.355]**
46. **金雷钢#**, 耿磊落, **徐爱民***. 成纤维细胞生长因子 21 在非酒精性脂肪性肝病中的应用现状与展望[J]. **临床肝胆病杂志**, 2021, 37(6): 1262-1267