

● 个人简介

薛言学，国家优青获得者，博士生导师，入选北京大学博雅青年学者和北脑青年学者。担任中国毒理学会药物依赖性专业委员会青委会主任委员、中国药物滥用防治协会成瘾与脑科学分会副主任委员等。主要从事情绪记忆及相关精神障碍的神经生物学和临床心理学研究，发表高水平论文80余篇，总引用4000余次，其中以第一作者或者通讯作者在 **Science** 、 **JAMA Psychiatry** 、 **Science Advances** 、 **Nature Communications** 、 **Molecular Psychiatry** 、 **Biological Psychiatry** 、 **eBioMedicine** 、 **The Journal of Neuroscience** 等重要期刊发表论文20余篇，单篇最高引用500余次，研究发现相继被**Science**、**JAMA Psychiatry**等杂志专评。研究先后得到科技部重大专项、国家自然科学基金，973项目青年科学家专题、北京市自然科学基金等资助。



● 联系方式

新乡医学院北校区科技楼东312

13488738003

yanxuexue@bjmu.edu.cn

● 研究方向

1. 记忆的分子和环路研究
2. 情绪解码和调控研究

● 招生方向

学术型研究生：神经调控

● 代表性论文

1. Lai S, Zhang L, Tu X, Ma X, Song Y, Cao K, Li M, Meng J, Shi Y, Wu Q, Yang C, Lan Z, Lau CG, Shi J*, Ma W*, Li S*, Xue YX*, Huang Z*. Termination of convulsion seizures by destabilizing and perturbing seizure memory engram. *Science Advances*, 2024, 10(12):eadk9484. IF: 13.6
2. Chen Y, Wang G, Zhang W, Han Y, Zhang L, Xu H, Meng S, Lu L*, Xue XY*, Shi J*. An orbitofrontal cortex-anterior insular cortex circuit gates compulsive cocaine use. *Science Advances*, 2022, 8(51):eabq5745. IF: 14.96

3. Yue JL, Yuan K, Bao YP, Meng SQ, Shi L, Fang Q, Guo XJ, Cao L, Sun YK, Lu TS, Zeng N, Yan W, Han Y, Sun J, Shi J, Kosten TR*, Xue YX*, Wu P*, Lu L*. The effect of a methadone-initiated memory reconsolidation updating procedure in opioid use disorder: A translational study. *EBioMedicine*, 2022, 85:104283. IF: 11.21
4. Han Y, Sun CY, Meng SQ, Tabarak S, Yuan K, Cao L, Yan W, Xu LZ, Deng JH, Zhu WL, Li JL, Lu L*, Xue YX*, Shi J*. Systemic immunization with altered myelin basic protein peptide produces sustained antidepressant-like effects. *Mol Psychiatry*, 2020, 25(6):1260–1274. IF: 13.2
5. Huang X, Chen YY, Shen Y, Cao X, Li A, Liu Q, Li Z, Zhang LB, Dai W, Tan T, O Arias-Carrion*, Xue YX*, Su H* and Yuan TF*. Methamphetamine abuse impairs motor cortical plasticity and Function. *Mol Psychiatry*. 2017, 22(9):1274–1281. IF: 13.2
6. Xue YX, Chen YY, Zhang LB, Zhang LQ, Huang GD, Sun SC, Deng JH, Luo YX, Bao YP, Wu P, Han Y, Hope BT, Shaham Y, Shi J, Lu L. Selective inhibition of amygdala neuronal ensembles encoding nicotine-associated memories inhibits nicotine preference and relapse. *Biol Psychiatry*. 2017, 82(11):781–793. IF: 11.41
7. Xue YX#, Deng JH#, Chen YY, Zhang LB, Wu P, Huang GD, Luo YX, Bao YP, Wang YM, Shaham Y, Shi J, Lu L. Effect of selective inhibition of reactivated nicotine-associated memories with propranolol on nicotine craving. *JAMA Psychiatry*. 2017, 74(3):224–232. IF: 15.31
8. Zhang Y#, Xue Y#, Meng S, Luo Y, Liang J, Li J, Ai S, Sun C, Shen H, Zhu W, Wu P, Lu L, Shi J. Inhibition of lactate transport erases drug memory and prevents drug relapse. *Biol Psychiatry*. 2016, 79(11):928–39. IF: 11.41
11. Liu J, Zhao L, Xue Y, Shi J, Suo L, Luo Y, Chai B, Yang C, Fang Q, Zhang Y, Bao Y, Pickens CL, Lu L. An unconditioned stimulus retrieval extinction procedure to prevent the return of fear memory. *Biol Psychiatry*. 2014, 76(11):895–901. IF: 10.26
12. Xue YX#, Luo YX#, Wu P#, Shi HS, Xue LF, Chen C, Zhu WL, Ding ZB, Bao YP, Shi J, Epstein DH, Shaham Y, Lu L. A memory retrieval-extinction procedure to prevent drug craving and relapse. *Science*. 2012, 336(6078):241–5. IF: 31.0217. Ning S, Hua L, Ji Z, Fan D, Meng X, Li Z, Wang Q, Guo Z. Protein 4.1 family and ion channel proteins interact to regulate the process of heart failure in rats. *Acta Histochem*. 2021;123(6):151748.
18. Li Q, Hou H, Li M, Yu X, Zuo H, Gao J, Zhang M, Li Z, Guo Z. CD73+ Mesenchymal Stem Cells Ameliorate Myocardial Infarction by Promoting Angiogenesis. *Front Cell Dev Biol*. 2021;9:637239.
19. Sun Y, Wang Y, Li Z, Guo Z. Isolation and Multiple Differentiation of Rat Pericardial Fluid Cells. *Front Cell Dev Biol*. 2021;9:614826.
20. Cao X, Duan L, Hou H, Liu Y, Chen S, Zhang S, Liu Y, Wang C, Qi X, Liu N, Han Z, Zhang D, Han ZC, Guo Z* (共同通讯), Zhao Q, Li Z. IGF-1C hydrogel improves the therapeutic effects of MSCs on colitis in mice through PGE2-mediated M2 macrophage polarization. *Theranostics*. 2020, 10(17):7697–7709.

● 成果奖励

授权专利

1. 具有肿瘤靶向、体内示踪和治疗作用的脂质体药物组合物及制备方法，第一发明人
2. 具有肿瘤靶向、体内示踪和治疗作用的人胚胎干细胞来源的内皮细胞，第一发明人