



姓名:	滕兆乾
学科:	再生医学
电话/传真:	+86-10-82619699 /
电子邮件:	tengzq@ioz.ac.cn; teng.zhaoqian@gmail.com
通讯地址:	北京市朝阳区大屯路甲3号 干细胞与再生医学创新研究院 中国科学院动物研究所干细胞与生殖生物学国家重点实验室 100190
更多信息:	干细胞与脑损伤修复研究组 个人页面 English

简历介绍:

滕兆乾, 博士, 研究员, 博士生导师, 干细胞与脑损伤修复研究组组长。

2005年博士毕业于中国科学院动物研究所, 先后在中国农业大学、美国新墨西哥大学医学院、路易斯安那州立大学健康科学中心以及约翰·霍普金斯大学医学院做博士后与Research Associate。主要从事神经发生、神经再生、脑创伤、神经退行性疾病与精神疾病方面的研究, 研究成果发表在 *Cell*、*Nature Neuroscience*、*Cell Stem Cell*、*Neuroscientist*、*Journal of Neuroscience*、*Stem Cell Reports*、*Stem Cell Research* 等国际学术期刊上。

研究领域:

研究工作主要集中在脑创伤、神经退行性疾病与精神疾病的致病机理、以及干细胞在神经再生中的应用研究。研究组的主要研究方向包括: (1) 脑损伤后, 大脑内环境变化对神经发生、胶质细胞发生与神经再生的影响及其作用机制; (2) 小胶质细胞在疾病发生发展过程中表型转化的分子机制; (3) 人源功能性小胶质细胞与神经元的定向分化; (4) 神经功能重塑的有效途径。

承担科研项目情况:

国家重点研发计划项目子课题, 国家自然科学基金面上项目, 中国科学院A类战略性先导科技专项子课题, 北京市自然科学基金面上项目等。



代表论著:

1. Liu C[#], Dai SK[#], Sun Z[#], Wang Z, Liu PP, Du HZ, Yu S^{*}, Liu CM^{*}, Teng ZQ^{*}. GA-binding protein GABPβ1 is required for the proliferation of neural stem/progenitor cells. *Stem Cell Research*. 2019 Aug;39:101501.
2. Yan HL[#], Sun XW[#], Wang ZM[#], Liu PP[#], Mi TW, Liu C, Wang YY, He XC, Du HZ, Liu CM^{*}, Teng ZQ^{*}. MiR-137 Deficiency Causes Anxiety-Like Behaviors in Mice. *Frontiers in Molecular Neuroscience*. 2019 Oct 30;12:260.
3. Xu YJ, Liu PP, Ng SC, Teng ZQ, Liu CM^{*}. Regulatory Networks between Polycomb Complexes and Non-coding RNAs in Central Nervous System. *Journal of Molecular Cell Biology*. 2019 Jul 10. pii: mjz058.
4. Zhu W, Zhang B, Li M, Mo F, Mi T, Wu Y, Teng ZQ, Zhou Q^{*}, Li W^{*}, Hu B^{*}. Precisely controlling endogenous protein dosage in hPSCs and derivatives to model FOXP1 syndrome. *Nature Communications*. 2019 Feb 25;10(1):928.
5. Liu PP, Xu YJ, Dai SK, Du HZ, Wang YY, Li XG, Teng ZQ, Liu CM^{*}. Polycomb Protein EED Regulates Neuronal Differentiation through Targeting SOX11 in Hippocampal Dentate Gyrus. *Stem Cell Reports*. 2019 Jul 9;13(1):115-131.
6. Cheng Y[#], Wang ZM[#], Tan W[#], Wang X[#], Li Y, Bai B, Li Y, Zhang SF, Yan HL, Chen ZL, Liu CM, Mi TW, Xia S, Zhou Z, Liu A, Tang GB, Liu C, Dai ZJ, Wang YY, Wang H, Wang X, Kang Y, Lin L, Chen Z, Xie N, Sun Q, Xie W, Peng J, Chen D^{*}, Teng ZQ^{*}, Jin P^{*}. Partial loss of psychiatric risk gene Mir137 in mice causes repetitive behavior and impairs sociability and learning via increased Pde10a. *Nature Neuroscience*. 2018 Dec;21(12):1689-1703.
7. Sun XW, Liu CM, Teng ZQ^{*}. Commentary: Multiscale Analysis of Independent Alzheimer's Cohorts Finds Disruption of Molecular, Genetic, and Clinical Networks by Human Herpesvirus. *Frontiers in Molecular Neuroscience*. 2018 Sep 20;11:340.
8. Duan RS[#], Tang GB[#], Du HZ[#], Hu YW, Liu PP, Xu YJ, Zeng YQ, Zhang SF, Wang RY, Teng ZQ, Liu CM^{*}. Polycomb protein family member CBX7 regulates intrinsic axon growth and regeneration. *Cell Death and Differentiation*. 2018 Sep;25(9):1598-1611.
9. Wu M, Zhang D, Bi C, Mi T, Zhu W, Xia L, Teng ZQ, Hu B^{*}, Wu Y^{*}. A Chemical Recipe for Generation of Clinical-Grade Striatal Neurons from hESCs. *Stem Cell Reports*. 2018 Sep 11;11(3):635-650.
10. Liu PP, Xu YJ, Teng ZQ, Liu CM^{*}. Polycomb Repressive Complex 2: Emerging Roles in the Central Nervous System. *Neuroscientist*. 2018 Jun; 24(3): 208-220.
11. Tang GB[#], Zeng YQ[#], Liu PP[#], Mi TW, Zhang SF, Dai SK, Tang QY, Yang L, Xu YJ, Yan HL, Du HZ, Teng ZQ^{*}, Zhou FQ^{*}, Liu CM^{*}. The Histone H3K27 Demethylase UTX Regulates Synaptic Plasticity and Cognitive Behaviors in Mice. *Frontiers in Molecular Neuroscience*. 2017 Aug 24;10:267.



12. Liu PP, Tang GB, Xu YJ, Zeng YQ, Zhang SF, Du HZ, Teng ZQ^{*}, Liu CM^{*}. MiR-203 Interplays with Polycomb Repressive Complexes to Regulate the Proliferation of Neural Stem/Progenitor Cells. *Stem Cell Reports*. 2017 Jul 11;9(1):190-202.
13. Chen R[#], Zhang J[#], Fan N[#], Teng ZQ[#], Wu Y[#], Yang H, Tang YP, Sun H, Song Y, Chen C^{*}. Δ 9-THC-caused synaptic and memory impairments are mediated through COX-2 signaling. *Cell*. 2013 Nov 21;155(5):1154-1165.
14. Liu C[#], Teng ZQ[#], Santistevan NJ, Szulwach KE, Guo W, Jin P, Zhao X^{*}. Epigenetic regulation of miR-184 by MBD1 governs neural stem cell proliferation and differentiation. *Cell Stem Cell*. 2010 May 7;6(5):433-44.



中国科学院
CHINESE ACADEMY OF SCIENCES

版权所有 © 中国科学院动物研究所 备案序号：京ICP备
05064604号
文保网安备案号：1101050062 技术支持：青云软件

