



药学院

School of Pharmacy

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师资队伍
殷明

神经药理学实验室(2017)

一、学科方向:

神经药理学 (neuropharmacology) : 神经退行性疾病机制及药物发现; 神经干细胞信号机制 (neural stem cell signal mechanisms) ; 心律失常药物作用机制; 与公司、研究机构合作的新药研发 (Drug R&D collaborated with company or institute) 。



二、担负的课程 (teaching courses) :

药理学 (pharmacology) ;

临床医学与病理学 (clinical medicine and pathology) ;

脑与日常行为 (brain and daily behaviors) ;

实验技术与仪器分析 (laboratory techniques and instrumental analysis)

药物研发实验 (drug R&D experiment)

三、负责人简况、人员组成及联系方式:



负责人：殷明，医学博士；药理学教授、博士生导师。

1989年第二军医大学医学博士；1994年美国匹兹堡大学博士后。中国药理学学会神经药理专业委员会常务委员、中国药理学学会抗衰老和老年痴呆专业委员会委员；上海交通大学优秀教师（2015）；上海交通大学优秀学位留学生指导教师（2013）；人民卫生出版社药学院专业《药理学》（第8版，2016.2）主编；人民卫生出版社药学院专业英文版《药理学》（2017.8）主编。

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Ming Yin, M.D., PhD, Professor of Pharmacology; MD, 1989, Second Military Medical University, Postdoc fellow, 1994, University of Pittsburgh, USA.

Society Activities:

Chinese Pharmacological Society, Neuropharmacology Committee, Standing Member

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Graduate Students: 34204736

Juan Xu, Kaiyi Zhou, Lihang Zhang, Zhu Wang, Min Yang, Lidong Zhao, Jinchao Gao

四、研究兴趣:

1. 通过神经干细胞或神经元培养、学习记忆、脑片技术、分子生物学、生物化学、神经形态学、神经组织化学、转基因小鼠实验等, 研究神经退行性疾病如阿尔茨海默病的发病机制及有关化合物的治疗作用及机制; 神经干细胞信号机制。心律失常药物作用机制。
2. 与公司、研究机构、院校合作进行新药临床前研究。

Research Interests:

- 1, To study the pathogenesis of neurodegenerative diseases (Alzheimer disease, Parkinson's disease.) and the effects of synthetic compounds and natural products on the diseases; Signal mechanisms of neural stem cells. Mechanism of anti-arrhythmia.
- 2, Preclinical Drug R&D collaboration with pharmaceutical company or institute.

五、教材与论文:

教材 (textbooks) :

- 1, 殷明, 主编: 《药理学》(高等院校药学专业教材, 第八版), 人民卫生出版社, 2016.2 (Ming Yin, 《Pharmacology》(Chinese version, 8th ed.), editor-in-chief, People's publishing house, 2016.2, Beijing)
- 2, Ming Yin, 《Pharmacology》(English version), editor-in-chief, People's publishing house, 2017.8, Beijing

近年来发表的部分论文 (Recently published papers) :

1. [Zhang C](#), [Wang ZJ](#), [Lok KH](#), Yin M. β -Amyloid(42) Induces Desensitization of CXCR4 Chemokine Receptor-4 via Formyl Peptide Receptor in Neural Stem/Progenitor Cells. *Biol Pharm Bull.* 2012; 35(2):131-8
2. N He, W-L Jin, K-H Lok, Y Wang, M Yin and Z-J Wang. Amyloid- β 1-42 oligomer accelerates senescence in adult hippocampal neural stem/progenitor cells via formylpeptide receptor 2. *Cell Death and Disease* (2013) 4, e924
3. [Lok K](#), [Zhao H](#), [Zhang C](#), [He N](#), [Shen H](#), [Wang Z](#), [Zhao W](#), [Yin M](#). Effects of accelerated senescence on learning and memory, locomotion and anxiety-like behavior in APP/PS1 mouse model of Alzheimer's disease. *J Neurol Sci.* 2013 Dec 15;335(1-2):145-54
4. Kenghoe Lok, Hong Zhao, Hanlin Shen, Zejian Wang, Xiang Gao, Wenjuan Zhao, Ming Yin. Characterization of the APP/PS1 mouse model of Alzheimer's disease in senescence accelerated background. *Neuroscience Letters* 557 (2013) 84-89
5. Tian XL, Yu LH, Li WQ, Hu Y, Yin M, Wang ZJ. Activation of 5-HT_{2C} receptor promotes the expression of neprilysin in U251 human glioma cells. *Cell Mol Neurobiol.* 2015; 35(3):425-32
6. Jia-Jia Xiao, Ming Yin, Ze-Jian Wang, and Xiao-Ping Wang. *Oxidative Medicine and Cellular Longevity.* 2015; Article ID 618631
7. Dandan Zhao, Qing Li, Qiuping Huang, Xuguang Li, Min Yin, Zejian Wang, and Jiang Hong. *Oxidative Medicine and Cellular Longevity.* 2015, Article ID 184938
8. Lu Zhao, Sha Liu, Yin Wang, Qiaoyan Zhang, Wenjuan Zhao, Zejian Wang, Ming Yin. *PLOS ONE* 2015; DOI:10.1371/journal.pone.0133289
9. Lu Zhao, Yin Wang, Zejian Wang, Zheng Xu, Qiaoyan Zhang, Ming Yin. Effects of dietary resveratrol on excess-iron-induced bone loss via antioxidative character. *Journal of Nutritional Biochemistry* 2015; 26: 1174-1182
10. Wen-Qing Li, Ze-jian Wang, Sha Liu, Yue Hu, Ming Yin, and Yang Lu. N-Stearoyl-L-Tyrosine Inhibits the Senescence of Neural Stem/Progenitor Cells Induced by Ab1-42 via the CB2 Receptor Stem Cells International 2016, Article ID 7419389
11. Peiqing Chen, Wenjuan Zhao, Yanjie Guo, Juan Xu, Ming Yin. CX3CL1/CX3CR1 in Alzheimer's Disease: A Target for Neuroprotection. *BioMed Research International* Volume 2016, Article ID 8090918

12. [Guo YJ](#), [Dong SY](#), [Cui XX](#), [Feng Y](#), [Liu T](#), [Yin M](#), [Kuo SH](#), [Tan EK](#), [Zhao WJ](#), [Wu YC](#). Resveratrol alleviates MPTP-induced motor impairments and pathological changes by autophagic degradation of α -synuclein via SIRT1-deacetylated LC3. *Molecular Nutrition and Food Research* 2016; 16:2161-2175
13. Yue Hu, Kai-Yi Zhou, Ze-Jiang Wang, Yang Lu, Ming Yin. N-stearoyl-L-Tyrosine inhibits the cell senescence and apoptosis induced by H₂O₂ in HEK293/Tau cells via the CB2 receptor. *Chemico-Biological Interactions* 2017, 272:135-144

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