

王爱萍 副教授



一、基本情况

王爱萍，山东胶南，研究生，副教授，邮箱：
wangaiping@luye.com。

二、学习及工作经历

1997.09 -- 2001.07 沈阳药科大学中药学院，本科
2001.09 -- 2004.07 沈阳药科大学中药学院，硕士研究生
2003.04 -- 2004.03 日本北海道药科大学 交换留学生
2008.09 -- 2012.07 吉林大学生命科学学院，博士研究生
2004.10 -- 至今 烟台大学药学院 教师

三、目前研究领域

主要从事微球、微/纳米晶、原位凝胶等长效缓控释制剂、经鼻脑靶向制剂等新型药物递送系统的基础研究，以及微球、微/纳米晶等长效缓控释制剂的新药产品开发研究。

四、社会兼职

中国康复医学会药学与康复专业委员会委员

五、主要科研成果

2018 年以来，主持山东省自然科学基金项目 2 项，山东省自然科学基金重大基础研究项目子课题 1 项，山东省重点

研发计划 1 项；获山东省科技进步奖二等奖 1 项；以第一作者或通讯作者身份在 MOLECULAR PHARMACEUTICS 等杂志发表高水平 SCI 论文 20 余篇，高被引论文 2 篇。

六、教学工作

1. 研究生：高等药剂学选论，药事法规实务等。
2. 本科生：药剂学，药事管理学，药剂学实验等。

七、目前承担科研项目情况

1. 基于多模态成像及光热化学协同脑胶质瘤诊疗一体化的纳米递药系统的构建及评价。山东省自然科学基金项目，项目编号：ZR2022MH260，2023.01-2025.12，课题主持人。

八、发表论文

1. Chu L, Sun Y, Zhao Y, **Wang A***, et al. Exosome-mediated delivery platform of biomacromolecule into the brain: cetuximab in combination with doxorubicin for glioblastoma therapy. *Int J Pharm.* 2024, 660:124262.
2. Zhang X , Yu W, Li Y, **Wang A***, Cao H, Fu Y. Drug development advances in human genetics-based targets. *MedComm.* 2024, 5:e481.
3. Qiu C, Zhao Z, Xu C, Yuan R, Ha Y, Tu Q, et al. **Wang A**, Wang H, Shi Y. Nebulized milk exosomes loaded with siTGF- β 1 ameliorate pulmonary fibrosis by inhibiting EMT pathway and enhancing collagen permeability. *J Nanobiotechnology.* 2024, 22:434.

4. Lu Y, Cheng D, Niu B, Wang X, Wu X, **Wang A***. Properties of Poly (Lactic-co-Glycolic Acid) and Progress of Poly (Lactic-co-Glycolic Acid)-Based Biodegradable Materials in Biomedical Research. *Pharmaceuticals.*, 2023, 16:454.
5. Yawen Yu, **Aiping Wang***, Siqi Wang, et al. Efficacy of Temozolomide-Conjugated Gold Nanoparticle Photothermal Therapy of Drug-Resistant Glioblastoma and Its Mechanism Study. *Mol. Pharm.*, 2022; 19(4):1219-1229.
6. Wang S, Yu Y, **Wang A***, Duan X, Sun Y, et al... Xu L, Sun K. Temozolomide hexadecyl ester targeted plga nanoparticles for drug-resistant glioblastoma therapy via intranasal administration. *Front Pharmacol.* 2022, 13:965789.
7. Wang LX, Tang SN, Yu YW, Lv YN, **Wang AP ***, Yan XJ, Li NN, Sha CJ, Sun KX, Li YX*. Intranasal Delivery of Temozolomide-Conjugated Gold Nanoparticles Functionalized with Anti-EphA3 for Glioblastoma Targeting. *Mol. Pharm.*, 2021; 18 (3): 915-927.
8. Yu YW, Wang LX, Han JP, **Wang AP***, Chu LX, Xi XR, Kan RL, Sha CJ, Sun KX. Synthesis and Characterization of a Series of Temozolomide Esters and Its Anti-glioma Study. *J Pharm. Sci.*, 2021; 110: 3431-3438.
9. Tang SN, **Wang AP***, Yan XJ, Chu LX, Yang LC, Song YN, Sun

- KX, Yu X, Liu RC, Wu ZM, Xue P. Brain-targeted intranasal delivery of dopamine with borneol and lactoferrin co-modified nanoparticles for treating Parkinson's disease. *Drug Deliv.* 2019; 26 (1): 700-707.
10. **Wang A**, Yan X, Liang R, Wang L, Chu L, Sun K, Fu F. Preparation and evaluation of lactic acid acylated exenatide and its long-acting preparation. *Pharm Dev Technol.* 24(10):1229-1235. 2019
11. Meng QQ, **Wang AP***, Hua HC, Jiang Y, Wang YY, Mu HJ, Wu ZM, Sun KX*. Intranasal delivery of Huperzine A to the brain using lactoferrin-conjugated N-trimethylated chitosan surface-modified PLGA nanoparticles for treatment of Alzheimer's disease. *Int. J. Nanomed.* 2018; 13: 705-718.
12. Liuxiang Chu#, **Aiping Wang#***, Ling Ni, Xiuju Yan, Yina Song, Mingyu Zhao, Kaoxiang Sun*, Hongjie Mu, Sha Liu, Zimei Wu, Chunyan Zhang. Nose-to-brain delivery of temozolomide-loaded PLGA nanoparticles functionalized with anti-EPHA3 for glioblastoma targeting. *Drug delivery*, 2018, 25(1): 1634–1641.
13. Dongyu Duan#, **Aiping Wang#**, Ling Ni, et al. Trastuzumab- and Fab' fragment-modified curcumin PEG-PLGA nanoparticles: preparation and evaluation in vitro and in vivo. *International Journal of Nanomedicine*, 2018:13 1831–1840.

14. Xiuju Yan#, Lixiao Xu#, Chenchen Bi, Dongyu Duan, Liuxiang Chu, Xin Yu, Zimei Wu, **Aiping Wang***, Kaoxiang Sun*. Lactoferrin-modified rotigotine nanoparticles for enhanced nose-to-brain delivery: LESA-MS/MS-based drug biodistribution, pharmacodynamics, and neuroprotective effects. *International Journal of Nanomedicine*, 2018, 13:273-281.
15. Ying Jiang, Xuemei Zhang, Hongjie Mu, Hongchen Hua, Dongyu Duan, Xiuju Yan, Yiyun Wang, Qingqing Meng, Xiaoyan Lu, **Aiping Wang***, Wanhui Liu, Youxin Li, Kaoxiang Sun*. Preparation and evaluation of injectable Rasagiline mesylate dual-controlled drug delivery system for the treatment of Parkinson's disease., 2018, 25(1):143-152.

九、授权专利情况

1. 一种罗替戈汀或其药用盐的长效缓释微球。王爱萍、李又欣、刘万卉、孙考祥、李军、孙丽芳，US9265835 B2