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发布时间: 2020-07-13 来源: 点击: 9646



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简介

刘中秋, 博士, 二级教授, 博士生导师。广州中医药大学副校长。广东省十一届和十二届政协委员。国家百千万人才工程、有突出贡献中青年专家, 广东省高等学校珠江学者特聘教授, 广东省领军人才。本科毕业于广州中医药大学中药学专业; 于香港浸会大学获博士学位。先后工作于香港浸会大学、美国休斯顿大学、香港中文大学和南方医科大学。现兼任广东省药学会药物制剂专业委员会副主任委员等17个学术团队职务。国际期刊

《Pharmacological Research》编辑、《Molecular Pharmaceutics》客座编辑,《中药材》和《中草药》杂志编委。刘中秋教授长期从事中药药代动力学和中药药剂学研究。提出了“肝肠三循环”新理论, 为中药功效精准评价和中药质量研究提供新原理与新方法。国际期刊上发表论文200余篇, H-Index为38; 竞争性获取纵向科研经费近4000万元, 主持国家自然科学基金课题8项(其中4项为重点项目), 国家科技部课题3项, 省部级课题10多项; 获广东省科技进步一等奖、广东省教学成果二等奖, 参获国家科技进步二等奖、教育部自然科学一等奖等。主编中国医药出版社《中药药剂学》教材英文版, 副主编中国医药出版社“十三五”规划教材和参编人民卫生出版社“十二五”、“十三五”规划教材《生物药剂学与药代动力学》等, 参编专著8部。

学历

2003-2006: 香港浸会大学中医药学院中药学专业, 获博士学位;

1988-1992: 广州中医药大学中药学院中药学专业, 获学士学位。

工作经历:

2020-至今: 广州中医药大学副校长

2017-2020: 广州中医药大学中药学院院长;

2013-现今: 广州中医药大学国际中医药转化医学研究所所长;

2007-2013: 南方医科大学药学院副院长;

2006-2007: 香港浸会大学中医药学院, 博士后;

2004-2005: 美国休斯顿大学药学院药理药剂学系, 访问学者;

2003-2006: 香港浸会大学博士研究生, 博士研究生;

2001-2002: 香港中文大学生物系, 研究助理;

1992-2003: 广州中医药大学新药开发研究中心, 助理研究员。

研究方向

中药药代动力学

近三年主持的国家级课题

[1] “解毒-通脉” 中药毛冬青抗心肌缺血再灌注损伤的“多靶点-多成分互作”网络调控机制研究[批准号: 81930114], 国家自然科学基金重点项目, 297万元, 2020/01-2024/12

[2]基于体内暴露的中药附子质量标示物的挖掘、确证与应用[批准号: 2017YFE0119900], 中华人民共和国科技部国家重点研发计划, 95万元, 2019/01-2021/12

[3]肝肠三循环调控黄酮和含黄酮中药干预结肠癌分子机制[批准号: 81720108033], 国家自然科学基金重点国际(地区)合作研究项目, 234万元, 2018.1-2022.12;

[4]益母草碱的产业化和临床研究与开发(益母草碱的临床药代研究), [批准号: 2017ZX09301002], 中华人民共和国科技部国家科技重大专项, 200万元, 2017/01-2020/12, 子课题负责人;

[5]中医药防治肿瘤转化医学研究联合实验室, 中华人民共和国教育部, 2017/01-2019/12;

| 承担的课程

《生物药剂学与药物动力学》、《药物毒理学》

| 近三年代表性学术成果

主持及参与完成的多项科研课题, 均以考核优异结题 发表学术论文多篇, 其中SCI收录10余篇 所承担本科生教学工作, 在教学督导中获评优秀 指导学生省级创新创业训练项目2项, 校级2项; 指导学生参加课题设计大赛并获奖 获得2018年本科生优秀毕业论文指导教师

| 代表性论文论著

[1]. L. Hu, Z. Cao, L. Ma, Z. Liu, G. Liao*, J. Wang*, S. Shen, D. Li, X. Yang*. The potentiated checkpoint blockade immunotherapy by ROS-responsive nanocarrier-mediated cascade chemo-photodynamic therapy. *Biomaterials*, 2019, 23, 119469.

[2].Guochao Liao*, Jiatong Guo, Deying Yang, Zhifang Zhou, Zhongqiu Liu, and Zhongwu Guo*. Synthesis of a dimer of the repeating unit of type Ia Group B Streptococcus extracellular capsular polysaccharide and immunological evaluations of related protein conjugates. *Org. Chem. Front.* 2019, 6, 2833-2838.

[3].Wang LP, Sun RJ, Zhang QS, Luo Q, Zeng SJ, Li XY, Gong X, Li YH, Lu LL, Hu M, Liu ZQ*, An update on polyphenol disposition via coupled metabolic pathways. *Expert Opinion on Drug Metabolism & Toxicology*, 2019, doi: 10.1080/17425255.2019.1559815.

[4].Li YH, Lu LL, Wang LP, Qu Wei, Liu WQ, Xie YS, Zheng HM, Wang Y, Qi XX, Hu M, Zhu LJ, Liu ZQ, Interplay of Efflux Transporters with Glucuronidation and Its Impact on Subcellular Aglycone and Glucuronide Disposition: A Case Study with Kaempferol. *Molecular Pharmaceutics*, 2018, 15 (12):5602-5614.

[5].Su T#, Li FY#, Guan JJ, Liu LX, Huan P, Wang Y, Qi XX, Liu ZQ, Lu LL*, Wang DW*. Artemisinin and its derivatives prevent Helicobacter pylori-induced gastric carcinogenesis via inhibition of NF-kappa B signaling. *Phytomedicine*, 2019, 63

[6].Feng Q#, Wang HJ#, Pang JY, Ji LY, Han JD, Wang Y, Qi XX, Liu ZQ*, Lu LL*. Prevention of Wogonin on Colorectal Cancer Tumorigenesis by Regulating p53 Nuclear Translocation. *Frontiers in Pharmacology*, 2018, 9: 1356.

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[8].Zheng HM#, Huang QJ#, Huang SC, Yang X, Zhu T, Wang WS, Wang HJ, He SG, Ji LY, Wang Y, Qi XX, Liu ZQ*, Lu LL*. Senescence inducer Shikonin ROS-dependently suppressed lung cancer progression. *Frontiers in Pharmacology*, 2018, 9:519.

[9].He SG#, Ou RL#, Wang WS, Ji LY, Gao H, Zhu YF, Liu XM, Zheng HM, Liu ZQ, Wu P*, Lu LL*. Camptosorus sibiricus rupr aqueous extract prevents lung tumorigenesis via dual effects against ROS and DNA damage. *Journal of Ethnopharmacology*, 2018, 220:44-56.

[10].Lv SD#, Ji LY#, Chen B, Liu SQ, Lei CY, Liu X, Qi XX, Wang Y, Leung ELH, Wang HY, Zhang L, Yu XM, Liu ZQ*, Wei Q*, Lu LL*. Histone methyltransferase KMT2D sustains prostate carcinogenesis and metastasis via epigenetically activating LIFR and KLF4. *Oncogene*, 2018, 37(10):1354-1368.

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- [27].Wu JJ#, Cheng ZX#, He SG, Shi J, Liu SQ, Zhang GY, Zhu LJ, Liu L, Liu ZQ, Lin N, Lu LL*. Pinelliae rhizoma, a toxic chinese herb, can significantly inhibit CYP3A activity in rats. *Molecules*, 2015, 20(1):792-806.
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polyphyllin VI and VII potentially correlate with apoptosis in vitro and in vivo. *Phytotherapy Research*, 2015, 29(10):1568-1576.

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[30].Wu JJ#, Cheng ZX#, Chen H, Zhang GY, He SH, Liu SQ, Lin ZF, Zhu LJ, Liu ZQ, Na L*, Lu LL*. The significant inhibition on CYP3A caused by radix Aconiti single herb is not observed in the Wutou decoction: The necessity of combination therapy of radix Aconiti. *Journal of Ethnopharmacology*, 2015, 170:251-254.

近三年获得的科研奖励

[1]基于生物利用度屏障的中药及复方功效评价方法的创新及应用，2019年广东省科技进步奖一等奖，获奖人：刘中秋、郭永周、卢琳琳、朱丽君、郭思伟、吴锦俊、张嘉杰、夏笔军、蔡荣钦、王莹、王立萍、吴鹏、段礼新、戚笑笑、黄秋菊。

[2]抑制细胞增殖与分化异常的新机制研究，2018年度教育部高等学校科学研究优秀成果自然科学奖一等奖，获奖人：刘良、沈晓燕、刘中秋、周华、梁丽娴、范星星、罗培、李婷、谢莹、萧文鸾、姚小军、黄锦伟、姜志宏、朱依淳、卢琳琳。

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