

附件

## 2021 – 2024年度福建省中医药科研项目计划

一、

项目编号	项目名称	项目负责人	承担单位	起止年份	资助经费 (万元)
2021zyjc01	基于miR-92a-3p/SIRT1探讨泽泻汤对脑缺血再灌注损伤BMECs的保护机制	周阳杰	福建中医药大学康复医学院	2022-2024	10
2021zyjc02	补肾益髓方通过内质网-线粒体轴保护PD鼠DA能神经元的作用机制研究	许茜	福建中医药大学中西医结合学院	2022-2024	10
2021zyjc03	姜黄素通过HMGB1-TLR4/NF- $\kappa$ B信号通路增强奥卡西平保护癫痫脑损伤的机制研究	方琼	福建省立医院	2022-2024	10
2021zyjc04	基于Ang/Tie信号通路探讨益景汤治疗早期糖尿病视网膜病变微血管损害的作用机制	任秉仪	福建中医药大学附属人民医院	2022-2024	10
2021zyjc05	基于BDNF/ERK/Bcl-2途径探讨松郁安神方对睡眠剥夺大鼠海马神经元损伤的保护机制	王秀峰	福建省中医药科学院	2022-2024	10
2021zyjc06	基于外泌体miRNAs研究血府逐瘀汤抑制动脉粥样硬化巨噬细胞泡沫化的作用机制	吴天敏	福建医科大学附属第一医院	2022-2024	10
2021zyjc07	基于星形胶质细胞介导的腺苷系统研究交泰丸治疗失眠的机制	曾雪爱	福建省中医药科学院	2022-2024	10
2021zyjc08	凉血化瘀方对缺氧条件下HIF-1 $\alpha$ 介导的视网膜色素上皮细胞自噬的影响	胡艳红	福建中医药大学附属第二人民医院	2022-2024	10
2021zyjc09	细胞焦亡在慢性肾衰竭加速动脉粥样硬化进展的机制及黄芪甲苷干预研究	林丽贞	福建医科大学附属第一医院	2022-2024	10

二、

项目编号	项目名称	项目负责人	承担单位	起止年份	资助经费
2021zyjc10	八宝丹通过DDX20调控胃癌发展的分子机制研究	池良杰	福建省立医院	2022-2024	10
2021zyjc11	胡翔龙经络学术思想研究	萨喆燕	福建省中医药科学院	2022-2024	10
2021zyjc12	基于NF-κB信号通路探讨麻荆止咳颗粒干预CVA气道炎症的机制研究	卢峰	福建中医药大学附属第二人民医院	2022-2024	10
2021zyjc13	芩夏清热祛风颗粒对感染后咳嗽气道神经源性炎症的作用机制研究	王世聪	福建中医药大学附属第二人民医院	2022-2024	10
2021zyjc14	基于泉州王氏中医痔科“从瘀论治痔病”的学术思想运用“化瘀二联法”治疗嵌顿痔的临床研究	王坚	泉州市中医院	2022-2024	5
2021zyjc15	名中医李学麟诊治小儿脑瘫经验总结	闫超	福建中医药大学附属人民医院	2022-2024	10
2021zyjc16	基于Th17/Treg/Cav-1/mir-146/Nrf2通路探讨全真一气汤对COPD大鼠的免疫调节机制	李希	福建中医药大学附属第二人民医院	2022-2024	10
2021zyjc17	基于数据挖掘探讨潘丽贞教授治疗不孕症经验及用药规律	王英	福建省南平市人民医院	2022-2024	5

### 三、

项目编号	项目名称	项目负责人	承担单位	起止年份	资助经费(万元)
2021zyjc18	ABC转运蛋白家族在电针治疗脑缺血再灌注大鼠认知障碍中的作用机制	潘晓华	福建省中医药科学院	2022-2024	10
2021zyjc19	基于Beclin-1/LC3-II/p62自噬流探讨电针对缺血缺氧大鼠海马神经损伤的保护机制	刘威	福建中医药大学附属人民医院	2022-2024	10
2021zyjc20	从线粒体自噬--NLRP3炎性小体途径探讨电针治疗脑缺血再灌注损伤大鼠的作用机制	陈阿贞	福建中医药大学附属第二人民医院	2022-2024	10
2021zyjc21	基于正交设计探讨续苓健骨方治疗骨质疏松模型大鼠的组方优化研究	陈赛楠	福建省中医药科学院	2022-2024	10
2021zyjc22	经皮穴位电刺激对MCAO大鼠脑内p38MAPK信号通路影响的实验研究	庄玲玲	福建中医药大学附属人民医院	2022-2024	10
2021zyjc23	电针对SAMP8小鼠补体C1q依赖的小胶质细胞吞噬突触的影响	郭婉清	福建中医药大学附属第三人民医院	2022-2024	10
2021zyjc24	基于miR-146a调控TRAF6/c-Src/PI3K信号通路探讨青娥方抑制破骨细胞骨吸收的作用机制	郭世明	福建省漳州市中医院	2022-2024	10
2021zyjc25	基于Nrf2/Keap1/ARE信号通路探讨复方杜仲汤对大鼠椎间盘软骨终板退变的机制研究	王庆敏	福建省漳州市中医院	2022-2024	10
2021zyjc26	“靳三针”调控催产素及其受体在孤独症刻板行为中作用机制的研究	黄龙生	福建省妇幼保健院	2022-2024	10

#### 四、

项目编号	项目名称	项目负责人	承担单位	起止年份	资助经费 (万元)	备注
2021zy1c27	从蛋白质氧化修饰与AKT磷酸化信号串扰探讨薯蕷粥对妊娠糖尿病氧化应激网络的作用机制	葛莉	福建中医药大学护理学院	2022-2024	10	
2021zy1c28	益肾降糖饮治疗气阴两虚型糖尿病肾病(G3A3期)患者临床观察及对血清半乳糖凝集素-3的影响	丘余良	福建中医药大学附属人民医院	2022-2024	10	
2021zy1c29	基于 <sup>1</sup> H-NMR代谢组学方法探讨T2DM中湿热证候动态代谢特征	陈学勤	厦门大学附属第一医院	2022-2024	10	由厦门市卫健委资助
2021zy1c30	miRNA-206介导PI3K/AKT信号通路调控海马-前额叶皮层环路在太极拳对轻度认知障碍量效关系	刘娇	福建中医药大学康复医疗技术国家地方联合工程研究中心	2022-2024	10	
2021zy1c31	黄芪甲甘与苦参碱配伍在重塑肺癌肿瘤微环境中的作用	林兴	福建省立医院	2022-2024	10	
2021zy1c32	补虚平喘膏联合呼吸训练对慢性阻塞性肺疾病稳定期本虚证患者膈肌功能的影响	徐顺贵	福建中医药大学附属人民医院	2022-2024	10	
2021zy1c33	苡蓉舒痉颗粒干预帕金森病模型小鼠中脑DJ-1的作用研究	肖绍坚	福建中医药大学附属第三人民医院	2022-2024	10	
2021zy1c34	清眩降压汤对肝阳上亢型高血压病并轻度失眠患者的临床研究	黄琼	福建中医药大学附属第三人民医院	2022-2024	10	
2021zy1c35	扶阳通络方治疗中风后肌痉挛(脾肾阳虚型)疗效与机制及对Gly、GABA水平的影响	许翊坂	福建省南平市人民医院	2022-2024	10	
2021zy1c36	基于BDNF通路及磁共振DTI成像探讨化痰通络汤治疗痰瘀阻络型卒中后认知功能障碍的研究	杨洋	福建中医药大学附属人民医院	2022-2024	10	
2021zy1c37	天王补心丹通过调节下丘脑生物钟反馈环路治疗心阴虚证失眠的机制研究	尹鹭峰	福建中医药大学附属第三人民医院	2022-2024	10	
2021zy1c38	中医穴位贴敷联合三球式呼吸训练对慢性阻塞性肺病稳定期临床应用分析	王彬	福鼎市医院	2022-2024	10	

## 五、

项目编号	项目名称	项目负责人	承担单位	起止年份	资助经费 (万元)
2021zylc39	朱氏“去疣方”通过TRIM21/pRb通路抑制H8细胞增殖的机制研究	黄山	福建省妇幼保健院	2022-2024	10
2021zylc40	基于胃动力学耳穴压豆改善子宫肌瘤腹腔镜术后患者腹胀的疗效机制研究	黄锦华	福建中医药大学附属人民医院	2022-2024	10
2021zylc41	金茵退黄颗粒治疗乙型肝炎病毒相关慢加急性肝衰竭的作用及机制研究	洪美珠	福建医科大学孟超肝胆医院	2022-2024	10
2021zylc42	基于“脾主肌肉”理论探讨脾虚对绝经后骨质疏松症患者肌力及平衡功能的影响	李生强	福建省中医药科学院	2022-2024	10
2021zylc43	健身六字诀联合孙氏定痛汤治疗女大学生血瘀型原发性痛经临床观察	李健	福州市中医院	2022-2024	10
2021zylc44	基于脾主肌肉理论通便灵治疗气虚型慢传输型便秘的临床研究	骆云丰	福建中医药大学附属第二人民医院	2022-2024	10
2021zylc45	香砂六君子汤加减治疗脾虚气滞型餐后不适综合征的疗效观察及其对近端胃容受性舒张功能的影响	黄泽辉	福建省漳州市中医院	2022-2024	10
2021zylc46	基于远红外热技术对更年期肝郁化火型不寐病患者“两胁不适”的机理研究	温立新	三明市中西医结合医院	2022-2024	7
2021zylc47	六经辨治胃食管反流病的临床研究	范文东	龙岩市中医院	2022-2024	10
2021zylc48	基于VIP、NO神经递质探讨六君子汤加减治疗食管癌术后反流机制研究	黄志军	福建医科大学附属第二医院	2022-2024	10

## 六、

项目编号	项目名称	项目负责人	承担单位	起止年份	资助经费(万元)	备注
2021zy1c49	基于肌骨超声探讨电针居髃穴对中风后臀中肌及下肢运动功能的影响	杨冬岚	泉州市中医院	2022-2024	8.3	
2021zy1c50	基于经筋理论从髌股关节力学角度探索针刀改善早期膝骨关节炎下肢功能障碍的作用	曾维铨	福建中医药大学附属康复医院	2022-2024	10	
2021zy1c51	力敏腧穴理论指导下小针刀治疗腰背部肌筋膜疼痛综合征的临床应用研究	李泰标	厦门市第五医院	2022-2024	10	由厦门市卫健委资助
2021zy1c52	补肾壮筋汤调节BMSC归巢软骨抑制骨关节炎筋骨失养的机制研究	李西海	福建中医药大学中西医结合学院	2022-2024	10	
2021zy1c53	针药并用健脾通腑法干预急性胰腺炎早期肠内营养实施的临床研究	陈名智	晋江市中医院	2022-2024	6	
2021zy1c54	泉州正骨托头手法治疗颈椎小关节紊乱的临床观察	陈长贤	泉州市正骨医院	2022-2024	5	
2021zy1c55	基于头颅弥散张量成像技术探讨针灸干预梗死后肢体功能障碍临床研究	吴文宝	福建省龙岩市第一医院	2022-2024	10	
2021zy1c56	基于肌骨超声评价改良式南少林站桩功配合针刀解筋结治疗膝骨关节炎的临床研究	陈祥	福建省老年医院	2022-2024	5	
2021zy1c57	痰证积分与特应性皮炎相关性的研究	张强	福建省龙岩市第一医院	2022-2024	10	

## 七、

项目编号	项目名称	项目负责人	承担单位	起止年份	资助经费 (万元)	备注
2021zyyj58	基于肾有实证理论探讨泽泻“泻肾浊”配伍防治绝经后骨质疏松症的作用	吴水生	福建中医药大学药学院	2022-2024	10	
2021zyyj59	基于互联网-云技术的金线莲品质快速评价体系构建与应用	张勋	福建中医药大学药学院	2022-2024	10	
2021zyyj60	传统制剂滑膜灵颗粒的工艺改良及质量标准提升研究	王建荣	福州市第二医院	2022-2024	10	
2021zyyj61	太子参-辣椒轮作对太子参种植及土壤环境影响	赵立	福建省中医药科学院	2022-2024	10	
2021zyyj62	畚药“十二时辰”外用治疗类风湿关节炎的抗炎镇痛药效活性部位筛选	韩静	福建省中医药科学院	2022-2024	10	
2021zyyj63	基于第四次全国中药资源普查数据的福建省中药资源区划研究	杨成梓	福建中医药大学药学院	2022-2024	10	
2021zyyj64	畚药乌饭树不同提取物的抑菌活性及其初步的机制研究	周春权	福建省中医药科学院	2022-2024	10	
2021zyyj65	复方金线莲胶囊的研发	黄德福	福建医科大学孟超肝胆医院	2022-2024	10	
2021zyyj66	“守正代茶饮”的开发应用研究	李朝晖	安溪县中医院	2022-2024	10	单位自筹

## 八、

项目编号	项目名称	项目负责人	承担单位	起止年份	资助经费 (万元)	备注
2021zyyj67	半夏秫米汤通过调节GLU/GABA递质失衡改善睡眠的机制研究	黄枚	福建中医药大学药学院	2022-2024	10	
2021zyyj68	华蟾素通过促进miR-5688干扰鼻咽癌细胞EMT信号及肿瘤干性抑制肿瘤增殖、迁移、侵袭能力的研究	刘晨	福建医科大学附属第一医院	2022-2024	10	
2021zyyj69	基于SIRT3-NF $\kappa$ B调控小胶质细胞活化探讨泽泻醇A改善高脂诱导BBB损伤的机制研究	薛偕华	福建中医药大学附属康复医院	2022-2024	10	
2021zyyj70	二氧化硅载体增强黄药子主要成分黄独素B的抗胃癌效应及其机制	卢毅卓	厦门大学附属中山医院	2022-2024	10	由厦门市 卫健委资
2021zyyj71	建泽泻三萜成分生物合成关键CYP450s基因的研究	林文津	福建省医学科学研究院	2022-2024	10	
2021zyyj72	菟丝子多糖对多囊卵巢综合征伴胰岛素抵抗的机制研究	欧余航	福建中医药大学附属第三人民医院	2022-2024	10	
2021zyyj73	原苏木素B促进结肠癌细胞对铂类化疗敏感性的机制研究	洪钟时	福建医科大学附属第二医院	2022-2024	10	
2021zyyj74	黄芩苷对大肠癌细胞生长的影响及PN01的调控作用	陈鑫宇	三明市中西医结合医院	2022-2024	10	
2021zyyj75	基于IL-17/NF- $\kappa$ B信号通路探索雷公藤多苷和姜黄素配伍治疗类风湿性关节炎的减毒增效机制	张超凤	莆田学院附属医院	2022-2024	10	



## 九、

项目编号	项目名称	项目负责人	承担单位	起止年份	资助经费 (万元)	备注
2021zyg176	新时代下福建省三甲中医院临床科研复合型人才评价与应用研究	蔡昭莲	福建中医药大学附属人民医院	2022-2024	10	
2021zyg177	福建省中医学术流派专项资金绩效评价分析	林燕	福建中医药大学附属人民医院	2022-2024	10	
2021zyg178	厦门市三级综合医院中医发展现状调查和发展对策研究	赵能江	厦门大学附属第一医院	2022-2024	10	由厦门市 卫健委资
2021zyg179	“府院共建新模式”下，探索综合性医院中医科和基层中医院共同高质量发展的道路	朱明	福建医科大学附属第一医院	2022-2024	10	
2021zyg180	福建省中医药专项资金绩效评价的研究与探讨	林航	福建中医药大学附属第二人民医院	2022-2024	10	
2021zyg181	精细化运营管理对提高中医药专项资金使用效率评价研究	黄冠伟	厦门市中医院	2022-2024	10	由厦门市 卫健委资
2021zyg182	以中西医协同发展为导向的综合医院中医科发展模式的探索与实践	林妙阔	福州市第二医院	2022-2024	4	
2021zyg183	福建省非中医类医院中医药发展政策研究	谢小清	福建中医药大学附属人民医院	2022-2024	10	
2021zyg184	福建省公立医院中医临床人才分层评价指标体系的构建研究	黄莹	福建中医药大学附属康复医院	2022-2024	10	
2021zyg185	现代医院管理制度试点医院中医药人才评价指标体系研究	林瑜	厦门市中医院	2022-2024	10	由厦门市 卫健委资
2021zyg186	基于米特-霍恩模型的福建省综合医院中医科在中医药特色发展医养健康领域的政策执行分析	贺春兰	福建中医药大学附属康复医院	2022-2024	10	
2021zyg187	关于临床中医师评价模型的研究	林超	福建中医药大学附属第三人民医院	2022-2024	10	

# 福建省卫生健康委员会

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闽卫中医函〔2021〕969号

## 福建省卫生健康委员会关于下达2021—2024年度 省中医药科研项目计划的通知

各设区市卫健委、平潭综合实验区社会事业局，委直属各单位，福建医科大学、中医药大学及其各附属医院，省中医药科学院：

现将《2021—2024年度福建省中医药科研项目计划》下达给你们，共立项87项，其中省级资助80项、厦门市卫健委资助6项、单位自筹1项。请各课题承担单位根据计划抓紧落实，保证课题的顺利实施。省卫健委委托省中医药科学院开展课题日常管理，请各地各单位参照《福建省卫生健康科技计划项目管理暂行办法》和《福建省卫生健康科技计划项目实施方案》，切实加强项目实施和经费使用的监督管理，为各项目的实施提供支持和保障，确保各项目按计划顺利实施。

附件：2021—2024年度福建省中医药科研项目计划



（此件主动公开）

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appendix

## 2021-2024 Fujian Provincial Traditional Chinese Medicine Scientific Research Project Plan

one,

project number	project name	project leader	Undertake unit	Start and end year	Funding fund (RMB ten thousand yuan)
2021zyjc 01	To explore the protection mechanism of miR-92a-and diarrhea soup against BMECs of cerebral ischemia-reperfusion injury based on 3p / SIRT 1	Zhou Yangjie	School of Rehabilitation Medicine, Fujian University of Traditional Chinese Medicine	2022-2024	10
2021zyjc 02	Protection of DA neurons through the endoplasmic reticulum-mitochondrial axis	Xu Qian	School of Integrated Traditional Chinese Medicine and Western Medicine, Fujian University of Traditional Chinese Medicine	2022-2024	10
2021zyjc 03	Mechanism of occarbepine protection against epileptic brain injury through HMGB 1-TLR 4 / NF- $\kappa$ B signaling pathway	Fang Qiong	Fujian Provincial Hospital	2022-2024	10

2021zyjc 04	To explore the mechanism of Yijing decoction for microvascular damage in early diabetic retinopathy based on Ang / Tie signaling pathway	Ren Bingyi	The Affiliated People's Hospital of Fujian University of Traditional Chinese Medicine	2022-2024	10
2021zyjc 05	To explore the protective mechanism of sleep-deprived rats based on the BDNF / ERK / Bcl-2 pathway	Xiu-feng wang	Fujian Academy of Traditional Chinese Medicine	2022-2024	10
2021zyjc 06	Based on miRNAs to study the mechanism of foamy of atherosclerotic macrophages	Wu Tianmin	The First Affiliated Hospital of Fujian Medical University	2022-2024	10
2021zyjc 07	Based on astrocyte-mediated adenosine system to study the mechanism of insomnia	Zeng Xue love	Fujian Academy of Traditional Chinese Medicine	2022-2024	10
2021zyjc 08	Effect of cooling blood stasis formula on HIF-1 $\alpha$ - mediated autophagy in retinal pigment epithelial cells under hypoxic conditions	Hu Yanhong	The Second People's Hospital Affiliated to Fujian University of Traditional Chinese Medicine	2022-2024	10
2021zyjc 09	The mechanism of pyroptosis in chronic renal failure and astragaloside intervention	Lin Lizhen	The First Affiliated Hospital of Fujian Medical University	2022-2024	10

## 2.

project number	project name	project leader	Undertake unit	Start and end year	Funding
2021zyjc 10	Molecular mechanism of gastric cancer development by DDX 20	Chi Liangjie	Fujian Provincial Hospital	2022-2024	10
2021zyjc 11	Research on academic thought	Sa zhe yan	Fujian Academy of Traditional Chinese Medicine	2022-2024	10
2021zyjc 12	Study on the mechanism of airway inflammation based on NF- $\kappa$ B signaling pathway	Lu Feng	The Second People's Hospital Affiliated to Fujian University of Traditional Chinese Medicine	2022-2024	10
2021zyjc 13	Study on the mechanism of neurogenic inflammation of cough airway after infection	Wang Shicong	The Second People's Hospital Affiliated to Fujian University of Traditional Chinese Medicine	2022-2024	10
2021zyjc 14	Based on the academic thought of "treating hemorrhoids disease from blood stasis" in the department of Quanzhou Wang's TCM hemorrhoids	Wang Jian	Quanzhou City Hospital of Traditional Chinese Medicine	2022-2024	5
2021zyjc 15	Traditional Chinese medicine Li Xuelin diagnosis and treatment of children with cerebral palsy experience summary	Yan Chao	The Affiliated People's Hospital of Fujian University of Traditional	2022-2024	10

			Chinese Medicine		
2021zyjc 16	Exploring the mechanism of COPD rats / Th 17 / Treg / Cav-1 / ir-146 / Nrf 2 pathway	Li Xi	The Second People's Hospital Affiliated to Fujian University of Traditional Chinese Medicine	2022-2024	10
2021zyjc 17	Discuss Professor Pan Lizhen's experience of infertility treatment and medication rule based on data mining	Wang Ying	Nanping People's Hospital of Fujian Province	2022-2024	5

three,

project number	project name	project leader	Undertake unit	Start and end year	Funding fund (RMB ten thousand yuan)
2021zyjc 18	Mechanisms of the ABC family of transporters in electroacupuncture treatment of cognitive impairment in cerebral ischemia-reperfusion rats	Xiao-hua pan	Fujian Academy of Traditional Chinese Medicine	2022-2024	10
2021zyjc 19	To explore the mechanism of electrical protection against hippocampal nerve injury in ischemic and hypoxic rats based on Beclin-1 / LC 3-II / p 62 autophagy flow	Wei Liu	The Affiliated People's Hospital of Fujian University of Traditional Chinese Medicine	2022-2024	10
2021zyjc 20	To investigate the mechanism of electroacupuncture in rats with cerebral ischemia-reperfusion injury from mitophagy-NLRP 3 inflammasome pathway	Chen Ah zhen	The Second People's Hospital Affiliated to Fujian University of Traditional Chinese Medicine	2022-2024	10
2021zyjc 21	Study on the optimization of bone bone bone bone bone rats	Chen Sainan	Fujian Academy of Traditional Chinese Medicine	2022-2024	10
2021zyjc 22	Experimental study on the effect of percutaneous acupoint electrical stimulation on p 38MAPK signaling pathway in MCAO, rat brain	Zhuang Lingling	The Affiliated People's Hospital of Fujian University of Traditional Chinese Medicine	2022-2024	10
2021zyjc 23	Effect of electrical targeting of complement C 1q-dependent phagocytosis by microglia in SAMP 8	Wan-qing	The Third People's Hospital Affiliated to Fujian	2022-2024	10

	mice	guo	University of Traditional Chinese Medicine		
2021zyjc 24	Based on the regulation of TRAF 6 / c-Src / PI 3K signaling pathway based on miR-146a	Guo Shiming	Fujian Province, Zhangzhou City Hospital of Traditional Chinese Medicine	2022-2024	10
2021zyjc 25	Study on the mechanism of endplate degeneration of rat intervertebral disc cartilage based on Nrf 2 / Keap 1 / ARE signaling pathway	Wang Qingmin	Fujian Province, Zhangzhou City Hospital of Traditional Chinese Medicine	2022-2024	10
2021zyjc 26	Jin Sanpin regulates oxytocin and its receptors in autism	Huang Longsheng	Fujian Provincial Maternal and Child Health Care Hospital	2022-2024	10



four,

project number	project name	project leader	Undertake unit	Start and end year	Funding fund (RMB ten thousand yuan)	remarks
2021zylc 27	To investigate the mechanism of potato porridge on oxidative stress network from protein oxidative modification and AKT phosphorylation signal crosstalk	Glee	School of Nursing, Fujian University of Traditional Chinese Medicine	2022-2024	10	
2021zylc 28	Treatment of qi Yin deficiency type diabetic nephropathy (Stage G 3A 3) Clinical observation and effects on serum galactectin-3	Qiu Yulian g	The Affiliated People's Hospital of Fujian University of Traditional Chinese Medicine	2022-2024	10	
2021zylc 29	Exploring the dynamic metabolic characteristics of damp heat syndrome in T 2DM based on 1H-NMR metabolomics method	Chen Xueqin	The First Affiliated Hospital of Xiamen University	2022-2024	10	<b>Is supported by the Xiamen Municipal Health Commission</b>
2021zylc 30	miRNA-206 mediates PI 3K / AKT signaling pathway regulation of hippocampal-prefrontal cortex loop in Tai Chi magnitude-efficacy relationship for mild cognitive impairment	Liu Jiao	National and Local Joint Engineering Research Center of Rehabilitation Medical Technology of Fujian University of Traditional Chinese	2022-2024	10	

			Medicine			
2021zylc 31	Association of Astragalus ethylene and matrine in reshaping the tumor microenvironment of lung cancer	Lin Xing	Fujian Provincial Hospital	2022-2024	10	
2021zylc 32	Effect of tonic deficiency and respiratory training on diaphragm function in patients with chronic obstructive pulmonary disease	Xu Shungui	The Affiliated People's Hospital of Fujian University of Traditional Chinese Medicine	2022-2024	10	
2021zylc 33	Effect of DJ-1 in Parkinson's disease model	Xiao Shaojian	The Third People's Hospital Affiliated to Fujian University of Traditional Chinese Medicine	2022-2024	10	
2021zylc 34	Clinical study of patients with hypertension and mild insomnia	Huang Qiong	The Third People's Hospital Affiliated to Fujian University of Traditional Chinese Medicine	2022-2024	10	
2021zylc 35	Efficacy and mechanism of treating muscle spasm (spleen and kidney Yang deficiency) and its effect on Gly and GABA	Xu yiban	Nanping People's Hospital of Fujian Province	2022-2024	10	
2021zylc 36	Study on the treatment of cognitive dysfunction after sputum stasis stroke based on BDNF pathway and magnetic resonance DTI imaging	Yang Yang	The Affiliated People's Hospital of Fujian University of Traditional Chinese Medicine	2022-2024	10	
2021zylc 37	Study on the mechanism of heart Yin deficiency by regulating hypothalamic clock feedback loop	Yin Lufeng	The Third People's Hospital Affiliated to Fujian University of Traditional Chinese Medicine	2022-2024	10	
2021zylc 38	Analysis of clinical application of TCM acupoint application combined with three-ball breathing training in	Wang Bin	Fuding City Hospital	2022-2024	10	

	chronic obstructive pulmonary disease					
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five,

project number	project name	project leader	Undertake unit	Start and end year	Funding fund (RMB ten thousand yuan)
2021zylc 39	Zhu's "dewart square" inhibited H 8 cell proliferation through the TRIM 21 / pRb pathway	Mount Huang	Fujian Provincial Maternal and Child Health Care Hospital	2022-2024	10
2021zylc 40	Study on the efficacy mechanism of improving abdominal distension in patients after laparoscopy for uterine fibroids based on gastric dynamics	Huang Jinhua	The Affiliated People's Hospital of Fujian University of Traditional Chinese Medicine	2022-2024	10
2021zylc 41	Effect and mechanism of hepatitis B virus related slow and acute liver failure	HongMeiZhu	Meng Chao Hepatobiliary Hospital of Fujian Medical University	2022-2024	10
2021zylc 42	Based on the theory of "spleen master muscle", to explore the effect of spleen deficiency on muscle strength and balance function in postmenopausal osteoporosis patients	Li Shengqiang	Fujian Academy of Traditional Chinese Medicine	2022-2024	10
2021zylc 43	Clinical observation of primary dysmenorrhea in female college students	Li Jian	Fuzhou Hospital of Traditional Chinese Medicine	2022-2024	10
2021zylc 44	Clinical study on the treatment of chronic transit constipation based on spleen master muscle	Luo Yunfeng	The Second People's Hospital Affiliated to Fujian University of Traditional Chinese Medicine	2022-2024	10

2021zylc 45	The curative effect of postprandial discomfort syndrome and its effect on proximal gastric receptivity diastolic function	Huang Zehui	Fujian Province, Zhangzhou City Hospital of Traditional Chinese Medicine	2022-2024	10
2021zylc 46	Research on the mechanism of "two-side discomfort" in menopausal patients based on far infrared heat technology	Wen Lixin	Sanming City Hospital of Integrated Traditional Chinese and Western Medicine	2022-2024	7
2021zylc 47	6. Clinical study on the treatment of gastroesophageal reflux disease	Model essay east	Longyan City Hospital of Traditional Chinese Medicine	2022-2024	10
2021zylc 48	Study on the mechanism of reflux after the treatment of esophageal cancer based on VIP and NO neurotransmitters	Huang Zhijun	The Second Affiliated Hospital of Fujian Medical University	2022-2024	10

six,

project number	project name	project leader	Undertake unit	Start and end year	Funding fund (RMB ten thousand yuan)	remarks
2021zylc 49	The effect of electric acupuncture on the motor function of gluteus medius and lower limbs after stroke based on myoskeletal ultrasound	Yang Donglan	Quanzhou City Hospital of Traditional Chinese Medicine	2022-2024	8.3	
2021zylc 50	To explore the role of needle knife in improving the lower limb dysfunction of early knee osteoarthritis	Zeng Weiquan	The Affiliated Rehabilitation Hospital of Fujian University of Traditional Chinese Medicine	2022-2024	10	
2021zylc 51	Research on the clinical application of small needle knife in treating myofascial pain syndrome under the guidance of Limin acupoint theory	Li Taibiao	Xiamen Fifth Hospital	2022-2024	10	<b>By Xiamen city Health commission help</b>
2021zylc 52	Study on the mechanism of regulating BMSC homing cartilage	Li Xihai	School of Integrated Traditional Chinese Medicine and Western Medicine, Fujian University of Traditional Chinese	2022-2024	10	

			Medicine			
2021zylc 53	Clinical study on the implementation of enteral nutrition in acute pancreatitis with injection and spleen method	Chen Mingzhi	Jinjiang City Hospital of Traditional Chinese Medicine	2022-2024	6	
2021zylc 54	Clinical observation of cervical facet joint disorder in Quanzhou	Chang-Xi'an Chen	Quanzhou Bone-setting Hospital	2022-2024	5	
2021zylc 55	Clinical study on acupuncture intervention after infarction limb dysfunction based on head diffusion tensor imaging	Wu Wenbao	Longyan City First Hospital of Fujian Province	2022-2024	10	
2021zylc 56	Clinical study on the treatment of knee osteoarthritis based modified of knee osteoarthritis	Chen Xiang	Fujian Provincial Geriatric Hospital	2022-2024	5	
2021zylc 57	Study on the correlation between sputum syndrome integral and atopic dermatitis	Zhang Qiang	Longyan City First Hospital of Fujian Province	2022-2024	10	

seven,

project number	project name	project leader	Undertake unit	Start and end year	Funding fund (RMB ten thousand yuan)	remarks
2021zyyj58	Based on the empirical theory of kidney, the effect of the disease in postmenopausal osteoporosis	Wu aquatic	School of Pharmacy, Fujian University of Traditional Chinese Medicine	2022-2024	10	
2021zyyj59	Construction and application of rapid evaluation system of golden lotus quality based on Internet-cloud technology	Zhang Xun	School of Pharmacy, Fujian University of Traditional Chinese Medicine	2022-2024	10	
2021zyyj60	Study on process improvement and quality standard improvement of synovial membrane particles in traditional preparation	Jian-rong wang	Fuzhou Second Hospital	2022-2024	10	
2021zyyj61	Impact of ginseng-pepper rotation on ginseng planting and soil environment	Zhao Li	Fujian Academy of Traditional Chinese Medicine	2022-2024	10	
2021zyyj62	She medicine "twelve hours" topical treatment of rheumatoid arthritis anti-inflammatory analgesic efficacy active site screening	Han Jing	Fujian Academy of Traditional Chinese Medicine	2022-2024	10	
2021zyyj	Research on TCM resource regionalization in Fujian Province	Yang Chengz	School of Pharmacy, Fujian University of	2022-2024	10	



63	based on the data of the fourth National TCM Resource Survey	i	Traditional Chinese Medicine			
2021zyyj 64	The antibacterial activity of different extracts and its preliminary mechanism	Zhou Chunquan	Fujian Academy of Traditional Chinese Medicine	2022-2024	10	
2021zyyj 65	Research and development of compound Jinxilian capsules	Huang Defu	Meng Chao Hepatobiliary Hospital of Fujian Medical University	2022-2024	10	
2021zyyj 66	Research on the development and application of "Shouzheng generation of tea drink"	Zhao-hui li	Anxi County Hospital of Traditional Chinese Medicine	2022-2024	10	Unit self-raised

eight,

project number	project name	project leader	Undertake unit	Start and end year	Funding fund (RMB ten thousand yuan)	remarks
2021zyyj 67	Improvement of sleep by regulating GLU / GABA transmitter imbalance	Huang Mei	School of Pharmacy, Fujian University of Traditional Chinese Medicine	2022-2024	10	
2021zyyj 68	Huadin interferes with EMT of NPC cells by promoting miR-5688, signaling and tumor stemness to inhibit tumor proliferation, migration and invasion	Liu Chen	The First Affiliated Hospital of Fujian Medical University	2022-2024	10	
2021zyyj 69	Exploring the mechanism of azassol A improving hyperfat-induced BBB damage based on regulation of microglial activation by SIRT 3-NF $\kappa$ B	Xue xihua	The Affiliated Rehabilitation Hospital of Fujian University of Traditional Chinese Medicine	2022-2024	10	
2021zyyj 70	Silica dioxide carrier enhances the anti-gastric cancer effect and mechanism of xanthonylin B	Lu Yizhuo	Zhongshan Hospital affiliated to Xiamen University	2022-2024	10	<b>By Xiamen City, the National Health Commission funded</b>

2021zyyj 71	Key CYP 450s genes for the biosynthesis of triterpenoid components in clinical genetics	Lin Wenjin	And the Fujian Provincial Academy of Medical Sciences	2022-2024	10	<b>help</b>
2021zyyj 72	The mechanism of dodder polysaccharide on polycystic ovary syndrome with insulin resistance	Ou Yuhang	The Third People's Hospital Affiliated to Fujian University of Traditional Chinese Medicine	2022-2024	10	
2021zyyj 73	Mechanism of prohematoxylin B in promoting the sensitivity of colon cancer cells to platinum-based chemotherapy	When the flood clock	The Second Affiliated Hospital of Fujian Medical University	2022-2024	10	
2021zyyj 74	Effects of baicalin on the growth of colorectal cancer cells and the regulation of PNO 1	Chen Xinyu	Sanming City Hospital of Integrated Traditional Chinese and Western Medicine	2022-2024	10	
2021zyyj 75	Exploration of the attenuated synergistic mechanism of triptolidoside and curcumin compatibility in rheumatoid arthritis based on IL-17 / NF- $\kappa$ B signaling pathway	Zhang Chaofeng	The Affiliated Hospital of Putian University	2022-2024	10	

nine,

project number	project name	project leader	Undertake unit	Start and end year	Funding fund (RMB ten thousand yuan)	remarks
2021zygl 76	Evaluation and applied research of clinical research interdisciplinary talents in Fujian Grade A Traditional Chinese Medicine Hospital in the new era	Zhao-lian CAI	The Affiliated People's Hospital of Fujian University of Traditional Chinese Medicine	2022-2024	10	
2021zygl 77	Performance evaluation and analysis of special funds of TCM academic schools in Fujian Province	Wood-Swallow	The Affiliated People's Hospital of Fujian University of Traditional Chinese Medicine	2022-2024	10	
2021zygl 78	Investigation on the development status of Traditional Chinese medicine and the development countermeasures in Xiamen tertiary General Hospital	Zhao Nengjiang	The First Affiliated Hospital of Xiamen University	2022-2024	10	<b>By Xiamen City, the National Health Commission funded help</b>
2021zygl 79	Under the "new mode of joint construction of government and hospitals", explore the road of high-quality development of general hospitals and basic Chinese	Zhu Ming	The First Affiliated Hospital of Fujian Medical University	2022-2024	10	

	medicine hospitals					
2021zygl 80	Research and discussion on the performance evaluation of TCM special fund in Fujian Province	Lin Hang	The Second People's Hospital Affiliated to Fujian University of Traditional Chinese Medicine	2022-2024	10	
2021zygl 81	Research on the evaluation of improving the efficiency of the use of TCM special funds	Huang Guanwei	Xiamen City Hospital of Traditional Chinese Medicine	2022-2024	10	<b>By Xiamen City, the National Health Commission funded help</b>
2021zygl 82	Exploration and practice of the development mode of TCM medicine in general hospitals guided by the coordinated development of traditional Chinese and western medicine	Lin Miaokuo	Fuzhou Second Hospital	2022-2024	4	
2021zygl 83	Research on TCM development policy in non-TCM hospitals in Fujian Province	Xie Xiaoqing	The Affiliated People's Hospital of Fujian University of Traditional Chinese Medicine	2022-2024	10	
2021zygl 84	Research on the construction of stratified evaluation index system for TCM clinical talents in public hospitals in Fujian Province	Huang Ying	The Affiliated Rehabilitation Hospital of Fujian University of Traditional Chinese Medicine	2022-2024	10	
2021zygl 85	Research on the evaluation index system of TCM talents in the pilot hospitals of	Lin Yu	Xiamen City Hospital of Traditional	2022-2024	10	<b>By Xiamen</b>

	the modern hospital management system		Chinese Medicine			<b>City, the National Health Commissi on funded help</b>
2021zygl 86	Analysis on the policy implementation of the development of the TCM department of Fujian General Hospital based on the Mi-Horn model	He Chunlan	The Affiliated Rehabilitation Hospital of Fujian University of Traditional Chinese Medicine	2022-2024	10	
2021zygl 87	Study on the clinical traditional Chinese physician evaluation model	Lin Chao	The Third People's Hospital Affiliated to Fujian University of Traditional Chinese Medicine	2022-2024	10	

# 福建省卫生健康委员会

闽卫中医函〔2021〕969号

## 福建省卫生健康委员会关于下达2021—2024年度 省中医药科研项目计划的通知

各设区市卫健委、平潭综合实验区社会事业局，委直属各单位，福建医科大学、中医药大学及其各附属医院，省中医药科学院：

现将《2021—2024年度福建省中医药科研项目计划》下达给你们，共立项87项，其中省级资助80项、厦门市卫健委资助6项、单位自筹1项。请各课题承担单位根据计划抓紧落实，保证课题的顺利实施。省卫健委委托省中医药科学院开展课题日常管理，请各地各单位参照《福建省卫生健康科技计划项目管理暂行办法》和《福建省卫生健康科技计划项目实施方案》，切实加强项目实施和经费使用的监督管理，为各项目的实施提供支持和保障，确保各项目按计划顺利实施。

附件：2021—2024年度福建省中医药科研项目计划



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