

学院概况

学院简介

机构设置

学院领导

师资队伍

院士

长江学者

国家杰青

四青人才

正高

副高

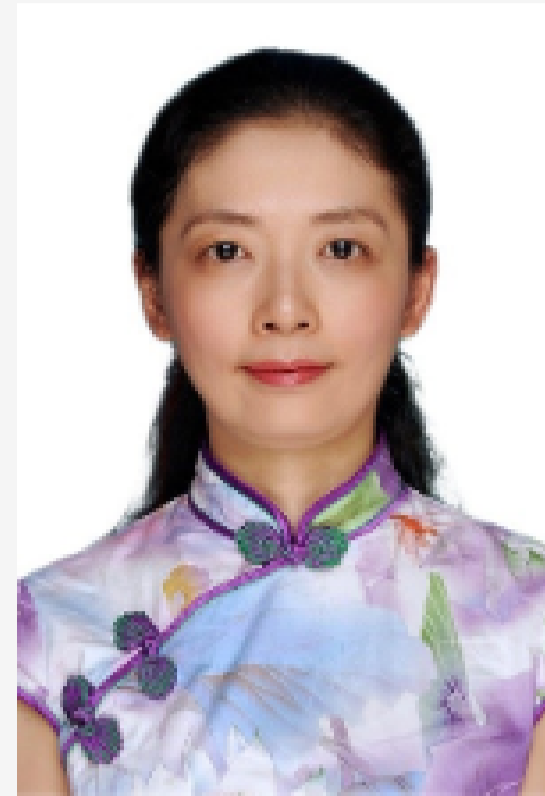
中级

教授委员会



正高

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个人简历

【教育经历】

湖南师范大学 | 生物科学 | 学士学位 | 大学本科毕业

武汉大学 | 微生物学 | 博士学位 | 博士研究生毕业

【工作经历】

2007.5-2009.9 细胞生物学系 | 中南大学生命科学学院 讲师

2009.9-2014.9 细胞生物学系 | 中南大学生命科学学院 | 副教授

2014.9-至今 细胞生物学系 | 中南大学生命科学学院 | 教授

【行政职务】

中南大学生命科学学院副院长

【研究综述】

主要从事人类疾病致病或易感基因的鉴定及其相关细胞和基因功能研究。

近年,主持和参与包括国家自然科学基金面上项目、国家科技重大专项子课题、863子课题、军口项目子课题、省自然科学基金等在内的各级科研项目20余项;在Circulation、J Neurosci、Eur Heart J、Apoptosis等杂志上发表论文30余篇;参与申请发明专利10余项,已授权4项。主编教材1部,参编国家级规划教材2部;参与教改课题4项;指导国家级、省级大学生创新课题3项,指导大学生国家级竞赛一等奖2项、三等奖2项、省级竞赛一等奖、二等奖等;连续获校教学质量优秀奖3次、校级教学成果一等奖1次、教学“三十佳”1次等,被评为中南大学学科竞赛优秀指导教师、创客空间优秀指导老师,湖南省“挑战杯”优秀指导老师、长沙市大学生科创大赛优秀指导教师等。

【研究方向】

课题组目前主要开展2个方面的研究:

- 运用新一代测序、色谱、细胞免疫等技术,从基因、分子、细胞、模式动物及人体水平探讨动脉粥样硬化、高血脂、心脏病等心血管相关疾病的发病机理,并结合临床筛选相关疾病的早期检测诊断分子和预后标志物;
- 研究病原微生物感染、肿瘤、原发性多囊肾等疾病发生过程中相关细胞器、细胞信号转导、细胞物质运输、细胞代谢等细胞结构和功能的异常。

【代表论文】

- Xiang R[#] (通讯作者, 第一作者), Fan L L[#], Huang H[#], Chen Y Q[#], He W X, Guo S, Li J J, Jin J Y, Du R, Yan R Q, Xia K. Increased RTN3 Leads to Obesity and Hypertriglyceridemia by Interacting with HSPA5[J]. *Circulation*, 2018, online.
- Guo S, Fan X F, Jin J Y, Fan L L, Zhou Z B, Xiang R[#] (共同通讯作者), Tang J Y^{*}. A novel proximal 3q29 chromosome microdeletion in a Chinese patient with Chiari malformation type II and Sprengel's deformity[J]. *Molecular cytogenetics*, 2018, 11(1): 8.
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- Fan L L, Huang H, Jin J Y, Li J J, Chen Y Q, Zhao S P, Xiang R[#] (通讯作者). Whole exome sequencing identifies a novel mutation (c.333+2T>C) of TNNI3K in a Chinese family with dilated cardiomyopathy and cardiac conduction disease[J]. *Gene*, 2018, 648: 63-67.
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- Liu J S, Fan L L, Li J J, Xiang R[#] (通讯作者). Whole-exome sequencing identifies a novel mutation of desmocollin 2 in a Chinese family with arrhythmogenic right ventricular cardiomyopathy[J]. *The American journal of cardiology*, 2017, 119(9): 1485-1489.
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- Xiang R[#] (第一作者, 通讯作者), Du R, Guo S, Jin J Y, Fan L L, Tang J Y, Zhou Z B. Microduplications of 10q24 Detected in Two Chinese Patients with Split-hand/foot Malformation Type 3[J]. *Annals of Clinical & Laboratory Science*, 2017, 47(6): 754-757.
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友情链接

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