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更多信息:	免疫和信号传导研究组 个人页面 English

简历介绍:

孙钦秒, 女, 博士, 研究员, 博士生导师; 中国科学院动物研究所免疫和信号传导研究组组长。

1999年在中国科学院植物研究所获博士学位, 2000-2005年在美国德州大学西南医学中心分子生物学系作博士后, 2006-2007任美国德州大学西南医学中心分子生物学系Researcher Instructor。2007年建立“免疫与信号传导”研究组。

研究领域:

本研究组的研究方向是以小鼠和果蝇等模式动物作为研究系统, 利用分子生物学、细胞生物学、遗传学和生物化学等技术在分子、细胞和个体(包括果蝇和小鼠)三个水平上进行探讨: 1) 天然免疫反应的调控机制; 2) 免疫调控与癌症治疗和自身免疫疾病的关系; 3) 干细胞命运调控的分子机制。近年来所取得的研究成果发表在国际核心学术期刊, 包括Nature Communications, Molecular Cell, PNAS, PLoS Pathogens, Stem Cell Reports, Immunity,和Blood等。

承担科研项目情况:

科技部国家重点研发计划、中国科学院先导项目、国家自然科学基金项目等。

代表论著:



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研究资助:

1. 科技部资助项目 (国家重点研发、国家重大研究计划、973项目、转基因重大专项)
 - (1) 原始生殖细胞特化和定向迁移
 - (2) 免疫细胞亚群定向发育分化的调控机制
 - (3) 以果蝇、小鼠为模式研究生殖干细胞命运决定的分子机理
 - (4) 抗蓝耳病病毒抗病相关基因的筛选和功能鉴定基因
 - (5) 新型表观遗传修饰体系的鉴定及机制研究
 - (6) 解析微环境在原始生殖细胞命运决定中的作用
2. 国家自然科学基金委资助项目
 - (1) MAVS和MyD88在抗病毒的天然免疫反应中的作用
 - (2) FMR1在小鼠卵巢早期发育中的机制研究
 - (3) 线粒体电子传递链组分COX5B与自噬途径协同调控MAVS介导的抗病毒天然免疫反应的分子机制
 - (4) E3泛素连接酶调控Toll信号介导的天然免疫反应分子机制的研究
 - (5) 去泛素相关蛋白在肠道稳态和炎症反应调控机制的研究

写给考生的话:

欢迎对免疫和癌症免疫治疗感兴趣同学加盟我们的研究团队。

