



科学研究

研究规划

疾病与健康研究所

营养与健康研究所

发育与生殖研究所

DNA计算与技术研究所

纳米医学组

个体化医学研究组

发育功能基因组学组

生物安全研究所(筹)

资源保护

研究成果

iGEM工作

友情链接

教育部重点实验室 ▼

发育功能基因组学组



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个人介绍:

研究方向为器官发育与信号转导, 包括骨骼与皮肤的发育与重要信号通路之间的关系, 如Hedgehog信号, Wnt信号和BMP信号。迄今发表SCI收录论文23篇(其中第一或者通讯作者8篇), 总影响因子140, 共计他引300余次, 申请专利2项。目前负责两项973计划子课题、国家自然科学基金项目、上海市自然科学基金及上海交大晨星学者SMC计划课题等等。作为指导老师带领上海交大iGEM队伍参加国际合成生物学竞赛, 连续获得金牌和亚洲区总冠军, 最佳模块设计奖及全球最佳16队等奖项。

研究方向:

1. 软骨发育及形态发生的分子机制研究, 指再生的研究;
2. 皮肤损伤修复及再生研究;
3. 合成生物学中特定生物学功能模块的设计与开发。

代表性论文:

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