系统医学生物学在医学细胞生物学教学中的融合探索

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Title: Exploration of systems medical biology integration in medical cell biology course teaching

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摘要: 目的：多学科的交叉融合对肿瘤医疗模式产生了重大影响，同时也为基础医学教育带来了新的发展方向。为适应发展，对医学细胞生物学教学进行改革，探索行之有效的教学方法。方法：以2016级空军军医大学临床医学专业本科生为对象，对医学细胞生物学教学内容进行改革，增加了系统医学生物学相关的知识和技术讲授，特别是肿瘤系统医学生物学内容的讲授。通过随堂抽测和调查问卷对改革效果进行评价。结果：本次改革不仅提升了课堂授课的质量，还对学生学习兴趣的提高、整体思维观的树立、基础联系临床能力的提升、肿瘤诊治的学习等方面都有帮助。结论：本次改革为探索基础医学教育新模式，培养适应未来医学发展的人才做出了一次有益的尝试，值得在医学细胞生物学教学中推广和应用。

Abstract: Objective：Disciplinary crossing and integration will influence the oncotherapy greatly．Meanwhile，disciplinary crossing and integration provides an opportunity to promote the development of basic medical education．In order to adapt to the development，we should reform the teaching methods in the teaching of medical cell biology and explore effective teaching methods.Methods：We had tried to reform the course which adds systems medical biology related content especially the tumor systems medical biology in the teaching of the grade 2016 students，and evaluated the teaching effect through examination and questionnaire survey.Results：We showed that the reform improved teaching quality，improved students' learning attitude，improved connection of basic knowledge with clinical practice，and improved diagnosis and treatment of tumors which will benefit to their university study and clinical work in future．Conclusion：The reform in cell biology course makes positive effects both on exploring a new model of basic medical education，and it will benefit for cultivating talents to adapt to the development of future medicine．It is worthy of popularization and application in the teaching of medical cell biology.

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