

武汉大学医学部基础医学院教案

课 程	Medical Immunology 医学免疫学	教 师	章晓联	职 称	教授	授课方式	大课(理 论课) (英语或 双语讲 授)
授课内容	The complement system (补体)						
授课对象	临床医学和口腔和(八年制)和全英语留学生 (for 8-year Clinical Medicine and Stomatology students and foreign students)	教材	Immunology (sixth edition) by Roitt, Brostoff and Male, Harcourt Asia Pta Ltd 2001, 人民卫生出版社		授课日期	2006-2007	
学 时	2		教学地点		602		
教学目的 与要求	Understand the basic concept of complement and complement system; Classic pathway, Lectin pathway and alternative pathway; Functions of complement; familiar with the complement regulation						
教 学 内 容			时 间 分 配		课 堂 教 学 方 法		
1 Basic concepts, nomenclature and component of complement system			20min		PPT 多媒体教学, 课堂提问 以补体辅助抗体溶菌作用为例引入补体系统。		
2 Comprehend the major differences of three complement pathways activation			25min				
3 The biological consequences of complement system activation			20min				
4 Complement receptors; Regulation of complement system			20min				
5 Diseases related to abnormal complement			5min				
重 点	1.Three pathways of complement activation 2.Biological consequences of complement activation						
难 点	Complement regulation						
教学准备	Prepare PPT						
最新进展	Complement receptors						
英语词汇	Complement, membrane attack complex, complement receptor, mannan-binding lectin.						
参考资料	《Immunology》 for Medical Students, Editors: Roderick Marirn, Matthew Helbert, Mosby, 2002 《Medical Immunology》 Editors: Tristram G. Parslow, Daniel P. Stites., et al. tenth edition McGraw-Hill. 2001 Textbook of Medical Immunology, Original Editors: Tristram G. Parslow et al 改编主编: Tan Jinqun 谭锦泉; Yao Kun 姚堃						

	<p>《医学免疫学》（第四版，陈慰峰主编，人民卫生出版社）</p> <p>《免疫学原理》 周光炎主编 上海科学技术出版社</p> <p>《医学免疫学》 第二版 龚非力主编 科学出版社</p> <p>司传平，2003， 医学免疫学多媒体教程，北京：高等教育出版社</p>
思考题	<ol style="list-style-type: none"> 1. Describe the biological effects of the complement 3. 2. What are the functions of complement? 3. To compare the differences and similar points of the three activated pathways of complement.
备 注	