

# Teaching Notes for Medical Immunology

## 武汉大学医学部基础医学院教案

Course 课程	Medical Immunology 医学免疫学	Teacher 教师	Xiaolian Zhang 章晓联	职称 Title	教授 Prof.	授课方式 Teaching methods	大课(理论 课)(英语讲 授) Theory; teaching in English
授课内容 Contents	Overview of Immunology; Antigen 绪论和抗原						
授课对象 Students	For foreign students 临床医学全英语留学生	教材 Book	“ Textbook of Medical Immunology” chief editor: Jinquan Tan , Science Press, 2006, 3. 人民卫 生出版社	授课 日期 Date	2011-2012		
学 时 C	3		教学地点		602		
教学目 的 与要求	1. Understand the concepts of immunity, innate immunity, adaptive immunity and immune system; Types and functions of immune responses; Introductions of different immune cells; Brief history and prospect of Immunology; 2. Understand the concepts of antigen, immunogenicity of antigen, superantigen, specificity and cross-reaction of antigen; Classification of antigens						
教学内容				时间分配		课堂教学方法	
Chapter 1 Overview 1.introduction 2.Innate and adaptive Immunity 3.Components of Immune system 4.A brief history of Immunology 5.Contents of Immunology Chapter 2 Antigen 1.Introduction 2.Immunogenicity of antigens 3.Specificity and cross-reaction of antigen 4.Classification of antigens 5.Superantigen and adjuvants				10min 15min 5min 15min 5min 25min 35min 10min 25min 5min		PPT 多媒体、 Ask questions	
重 点	1. Understand the concepts of immunity, innate immunity, adaptive immunity and immune system; Types and functions of immune responses; 2. Understand the concepts of antigen, immunogenicity of antigen, superantigen, specificity and cross-reaction of antigen;						

难点	T/B cell antigen determinant; Superantigen; clonal selection theory
教学准备	Prepare PPT 多媒体课件
最新进展	Superantigen
英语词汇	Immunology, immunity, innate immunity, adaptive immunity, antigen, hapten, antigenic determinant, epitope, SA <sub>g</sub> , immune adjuvant, clonal selection theory,
参考资料	<p>《Immunology》 for Medical Students, Editors: Roderick Marim, Matthew Helbert, Mosby, 2002</p> <p>《Medical Immunology》 Editors: Tristram G. Parslow, Daniel P. Stites., et al. tenth edition McGraw-Hill. 2001</p> <p>Textbook of Medical Immunology, Original Editors: Tristram G. Parslow et al 改编主编: Tan Jinquan 谭锦泉; Yao Kun 姚堃</p> <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》第二版 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>《医学免疫学精要速览》(双语版) 张秋萍, 谭锦泉主编 武汉大学出版社 2006</p> <p>《医学免疫学》高晓明主编 高等教育出版社 2006</p> <p>《医学免疫学》何维主编 人民卫生出版社 2005</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>
备注	