

朝陽科技大學 093學年度第1學期教學大綱
Special Topics of Immunology 免疫學特論

當期課號	7294	Course Number	7294
授課教師	方世華	Instructor	FANG,SHIH HUA
中文課名	免疫學特論	Course Name	Special Topics of Immunology
開課單位	生物技術研究所碩士班二A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標		Objectives	
教材	The Immune System. Peter Parham 偉明圖書代理 Trends in Immunology 2004.1~2004.12	Teaching Materials	
成績評量方式	出席(10%); 期刊論文報告(40%); 考試(50%)	Grading	attendance (10%); journal discussion and report (40%); examination (50%)
教師網頁	-		
教學內容	<ol style="list-style-type: none"> 1. Introduction Elements of the Immune System and their roles in defense 2. Antibody structure and the generation of B-cell diversity 3. Antigen recognition by T lymphocytes 4. The development of B lymphocytes 5. The development of T lymphocytes 6. T-cell mediated immunity 7. Paper discussion 8. Mid-examination 9. Immunity mediated by B cells and antibodies 10. The body's defense against infection 11. Failures of the body's defenses 12. Over-reactions of the Immune system 13. Disruption of healthy tissues by the immune response 14. Manipulation of the immune response 15. Paper discussion 16. Final examination 	Syllabus	<ol style="list-style-type: none"> 1. Introduction Elements of the Immune System and their roles in defense 2. Antibody structure and the generation of B-cell diversity 3. Antigen recognition by T lymphocytes 4. The development of B lymphocytes 5. The development of T lymphocytes 6. T-cell mediated immunity 7. Paper discussion 8. Mid-examination 9. Immunity mediated by B cells and antibodies 10. The body's defense against infection 11. Failures of the body's defenses 12. Over-reactions of the Immune system 13. Disruption of healthy tissues by the immune response 14. Manipulation of the immune response 15. Paper discussion 16. Final examination

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