

朝陽科技大學 095學年度第1學期教學大綱  
Special Topics of Immunology 免疫學特論

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| 當期課號   | 7228   | Course Number      | 7228   |
| 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一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<br>偉明圖書代理<br>Trends in Immunology<br>2005.7~2006.7   | Teaching Materials | Textbook; Journal discussion   |
| 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"> <li>1. Introduction</li> <li>Elements of the Immune System and their roles in defense</li> <li>2. Antibody structure and the generation of B-cell diversity</li> <li>3. Antigen recognition by T lymphocytes</li> <li>4. The development of B lymphocytes</li> <li>5. The development of T lymphocytes</li> <li>6. T-cell mediated immunity</li> <li>7. Paper discussion</li> <li>8. Mid-examination</li> <li>9. Immunity mediated by B cells and antibodies</li> <li>10. The body's defense against infection</li> <li>11. Failures of the body's defenses</li> <li>12. Over-reactions of the Immune system</li> <li>13. Disruption of healthy tissues by the immune response</li> <li>14. Manipulation of the immune response</li> <li>15. Paper discussion</li> <li>16. Final examination</li> </ol> | Syllabus           | <ol style="list-style-type: none"> <li>1. Introduction</li> <li>Elements of the Immune System and their roles in defense</li> <li>2. Antibody structure and the generation of B-cell diversity</li> <li>3. Antigen recognition by T lymphocytes</li> <li>4. The development of B lymphocytes</li> <li>5. The development of T lymphocytes</li> <li>6. T-cell mediated immunity</li> <li>7. Paper discussion</li> <li>8. Mid-examination</li> <li>9. Immunity mediated by B cells and antibodies</li> <li>10. The body's defense against infection</li> <li>11. Failures of the body's defenses</li> <li>12. Over-reactions of the Immune system</li> <li>13. Disruption of healthy tissues by the immune response</li> <li>14. Manipulation of the immune response</li> <li>15. Paper discussion</li> <li>16. Final examination</li> </ol> |

尊重智慧財產權，請勿非法影印。