**110-2 Neuroimmunology 神經免疫學**

Class Time: 1:10 ~ 3:00 PM, Monday

Classroom: Rm 501 at NCKU Medical College

Coordinator: 朱俊憲 老師 (Ext. 3592)

**Course Materials:** The Wiley-Blackwell handbook of psychoneuroimmunology / Alexander W. Kusnecov and Hymie Anisman, and the relevant published materials given by each lecturer

**Grading Criteria:** Student participation and punctuality (20%), PBL assignment and panel discussion (20%), one mid-term (30%) and one final exam (30%)

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| **方法** | **百分比(%)** | 閱讀、理解與運用專業知識 | 彙整新知與良好的溝通能力 | 解決研究問題的能力 |
| 準時出席與參與課程Q/A討論 | 20 | V | V | V |
| PBL assignment and panel discussion | 20 | V | V | V |
| 期中考 Midterm Exam  | 30 | V | V | V |
| 期末考 Term exam  | 30 | V | V | V |

**課程進度 Course Progress Outline**

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| **日期** | **週次 Week** | **進度說明 Progress Description** | **Lecturer** |
| 2/14 | 1 | Introduction | 朱俊憲 |
| 2/21 | 2 | The brain-endocrine-immune network | 朱俊憲 |
| 3/7 | 3 | The chemical messenger and communication  | 朱俊憲 |
| 3/14 | 4 | Complement System in Neuroinflammation | 張南山 |
| 3/21 | 5 | Brain nerve-driven immunity | 朱俊憲 |
| 3/28 | 6 | Lymphatic system in the CNS  | 朱俊憲 |
| 4/11 | 7 | Virus and Brain Immune (1) | 王憲威 |
| 4/18 | 8 | Virus and Brain Immune (2) | 王憲威 |
| 4/25 | 9 | Mid-term exam | 朱俊憲 |
| 5/2 | 10 | Brain inflammation in autoimmune diseases  | 馬珍德 |
| 5/9 | 11 | Therapeutics of neuro diseases targeting neuroinflammation  | 馬珍德 |
| 5/16 | 12 | Glycosaminoglycan in Neurodegeneration | 張南山 |
| 5/23 | 13 | Neuron and Glia  | 朱俊憲 |
| 5/30 | 14 | Immune privilege and barriers of brain | 朱俊憲 |
| 6/6 | 15 | Inflamed microglia and inflammatory process in CNS | 朱俊憲 |
| 6/13 | 16 | Non–cell autonomous pathogenesis | 朱俊憲 |
| 6/20-6/27 | 17-18 | Student presentation | 朱俊憲 |