

免疫學

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教科書、學習資源

- Immunobiology (8th ed)
 - Murphy, Travers, Walport

- 藝軒圖書代理 

- Useful websites

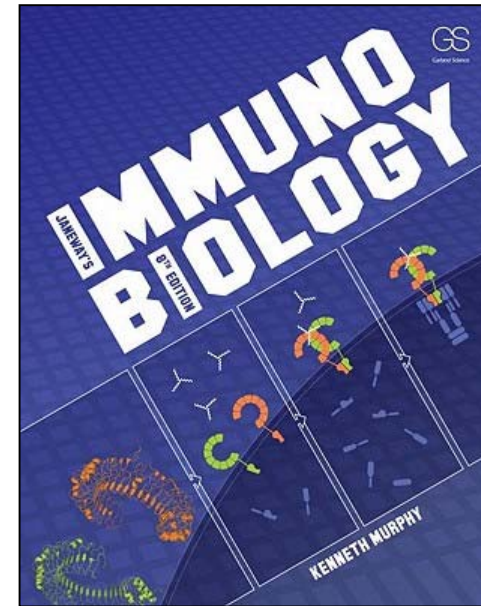
- 陳炳宏老師の檔案庫 

- Books @ NCBI 

- YouTube 

- Immunology – a ‘cartoon-drawing’ way

- by Armando Hasudungan





成績評量方式

- 出席與點名列入期末成績考核
 - 請假(病假，事假)需按照學校請假程序。
 - 未按照程序請假而缺考者，無法給予補考機會。

- 考試次數: 2
 - 期中考、期末考
 - 小考



成績評量方式

■ 考題形式

選擇題、填充題、簡答題、畫圖題

定義題

■ 對照書中粗體字與書末“**Glossary**”的解釋)



成績評量方式

- 學期成績
 - 期中考(佔40%)
 - 期末考(佔50%)
 - 出席、課堂參與(共佔10%)

- 加分原則: 全班一律公平, 絕無個人加分!!

- 無補考、無暑修班

課程進度表

■ 免疫學課程進度連結



- 授課老師: 鄭添祿、李瑞年、陳炳宏

■ 重要日期

□ 04/20 期中考週

■ 範圍:

- 免疫學綜論(鄭)
- 免疫學歷史回顧(陳)
- 教科書Ch 1-2, 4-6 (共5章)

□ 06/22 期末考週

■ 範圍:

- 教科書Ch 7-14, 16 (共9章)



Janeway's Immunobiology

(by Charles Alderson Janeway Jr., 1943-2003)

Father of Innate Immunity

- Part I. An Introduction to Immunobiology and Innate Immunity
- Part II. The Recognition of Antigen
- Part III. The Development of Mature Lymphocyte Receptor Repertoires
- Part IV. The Adaptive Immune Response
- Part V. The Immune System in Health and Disease



Part I.

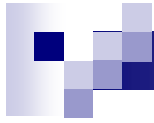
An Introduction to Immunobiology and Innate Immunity

- Chapter 1 Basic Concepts in Immunology
- Chapter 2 Innate Immunity
- Chapter 3 The Induced Responses of Innate Immunity

Part II.

The Recognition of Antigen

- Chapter 4 Antigen Recognition by B-cell and T-cell Receptors
- Chapter 5 The Generation of Lymphocyte Antigen Receptors
- Chapter 6 Antigen Presentation to T Lymphocytes



Part III.

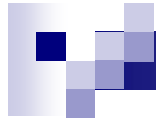
The Development of Mature Lymphocyte Receptor Repertoires

- Chapter 7 Signaling Through Immune System Receptors
- Chapter 8 The Development and Survival of Lymphocytes

Part IV.

The Adaptive Immune Response

- Chapter 9 T Cell-Mediated Immunity
- Chapter 10 The Humoral Immune Response
- Chapter 11 Dynamics of Adaptive Immunity
- Chapter 12 The Mucosal Immune System



Part V.

The Immune System in Health and Disease

- Chapter 13 Failures of Host Defense Mechanism
- Chapter 14 Allergy and Hypersensitivity
- Chapter 15 Autoimmunity and Transplantation
- Chapter 16 Manipulation of the Immune Response



The End