

104 上學期 DMS CELL BIOLOGY 細胞生物學

Date	Lecturer	Chapter
September 15	王慧菁	Ch 1 Cells: The Fundamental Units of Life and Microscopy Ch 2 Chemical Components of Cells
September 22	王慧菁	Ch 3 Energy, Catalysis, and Biosynthesis
September 29	王慧菁	Ch 4 Protein Structure and Function Ch 5 DNA and Chromosomes Report group 1
October 6	王慧菁	No class
October 13	王慧菁	Ch 6 DNA Replication, Repair, and Recombination Ch 7 From DNA to Protein: How Cells Read the Genome Report group 2
October 20	王慧菁	Ch 8 Control of Gene Expression Report group 3
October 27	王慧菁	Ch 9 How Genes and genomes evolve Report group 4
November 3	王慧菁	Ch 10 Modern Recombinant DNA Technology Report group 5
November 10	First Exam	
November 17	陳令儀	Ch 11 Membrane Structure Ch 12 Transport Across Cell Membrane
November 24	陳令儀	Ch 13 How Cells Obtain Energy from Food Ch 14 Energy Generation in Mitochondria and Chloroplasts
December 1	陳令儀	Ch 15 Intracellular Compartments and Transport Ch 16 Cell Signaling
December 8	陳令儀	No Class
December 15	陳令儀	Ch 17 Cytoskeleton
December 22	陳令儀	Ch 18 The Cell Division Cycle
December 29	陳令儀	Ch19 Sexual Reproduction and the Power of Genetics
January 5	陳令儀	Ch 20 Cell Communities: Tissues, Stem Cells, and Cancer
January 12	Final Exam	

教室: 生二 107, 上課時間: T7-9; 助教: 張定蓮 (# 33493, 生科一館 603 室)

Textbook: Essential Cell Biology

Fourth Edition

Alberts Bray Hopkin Johnson Lewis Raff Roberts Walter, Garland Science

Oral Report (王慧菁)

1. 每人針對不同題材上台報告, 每人報告 5-8 分鐘, 另加 1-2 分鐘回答問題, 總共 6-10 分鐘/每人。
2. 報告順序組次在第一次上課後自由抽籤, 順序可與同學自由互換, 確定順序後向助教登記報告場次時間。
3. 每組 (5-6 人) 報告題目會在報告二周前公佈在 E-learning system。