

110 上學期 醫學科學系 CELL BIOLOGY 細胞生物學

Date	Lecturer	Chapter
	陳令儀	Ch 1 Cells: The Fundamental Units of Life Ch 2 Chemical Components of Cells
	陳令儀	Ch 11 Membrane Structure Ch 12 Transport Across Cell Membrane
	陳令儀	Ch 15 Intracellular Compartments and Transport
	陳令儀	Ch 16 Cell Signaling
	陳令儀	Ch 20-1 Cell Communities: Cancer
	First Exam	30%
	林玉俊	Ch 13 How Cells Obtain Energy from Food Ch 14 Energy Generation in Mitochondria and Chloroplasts
	林玉俊	Ch 5 DNA and Chromosomes Ch 6 DNA Replication, Repair, and Recombination
	林玉俊	Ch 7 From DNA to Protein: How Cells Read the Genome Ch 8 Control of Gene Expression
	林玉俊	Ch 9 How Genes and Genomes Evolve Ch19 Sexual Reproduction and the Power of Genetics
	林玉俊	Ch 18 The Cell Division Cycle
	Second Exam	40%
	湯學成	Ch 3 Energy, Catalysis, and Biosynthesis Ch 4 Protein Structure and Function
	湯學成	Ch 10 Modern Recombinant DNA Technology
	湯學成	Ch 17 Cytoskeleton
	湯學成	Ch 20-2 Cell Communities: Tissue & Stem cells
	Final Exam	30%

教室: 生二 107, 上課時間: T7-9 (3:30-6:20pm); 助教: *to be announced*

教科書:

Essential Cell Biology, Fourth Edition

Alberts Bray Hopkin Johnson Lewis Raff Roberts Walter, Garland Science

參考書籍:

Cell Biology, Seventh Edition

Gerald Karp, Wiley