

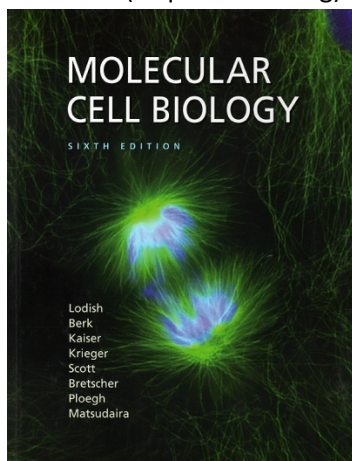
## 10120LS 524700 ADVANCED CELL BIOLOGY 高等細胞生物學 (“English Teaching”)

Date	Lecturer	Chapter
February 21	Chang, Y.-C. 張堯君	10+11 “Biomembrane Structure” + “Transmembrane Transport of Ions and Small Molecules”
February 28	Chang, Y.-C. 張堯君	19 “Integrating Cells into Tissues”
March 7	Wagner, O. 王歐力	17 “Cell Organization and Movement I: Microfilaments”
March 14	Wagner, O. 王歐力	18 “Cell Organization and Movement II: Microtubules and Intermediate Filaments”
March 21	<b>First Exam</b>	
March 28	Fu, H.-W. 傅化文	14 “Vesicular Traffic, Secretion, and Endocytosis”
April 4	Holiday-No class	
April 11	Fu, H.-W. 傅化文	15 “Cell Signaling I: Signal Transduction and Short-Term Cellular Responses”
April 18	Chang, C.-C. 張鑑中	16 “Cell Signaling II: Signaling Pathways That Control Gene Activity”
April 25	Chang, C.-C. 張鑑中	16 “Cell Signaling II: Signaling Pathways That Control Gene Activity”
May 2	<b>Midterm Exam</b>	
May 9	Chen, L. 陳令儀	21 “Cell Birth, Lineage, and Death”
May 16	Chen, L. 陳令儀	22 “The Molecular Cell Biology of Development”
May 23	Sang, T.-K. 桑自剛	20 “Regulating the Eukaryotic Cell Cycle”
May 30	Sang, T.-K. 桑自剛	25 “Cancer”
June 6	Perng, M.-D. 彭明德	5+9 “Molecular Genetic Techniques” + “Visualizing, Fractioning, and Culturing Cells”
June 13	Perng, M.-D. 彭明德	13 “Moving Proteins into Membranes and Organelles”
June 20	<b>Final Exam</b>	

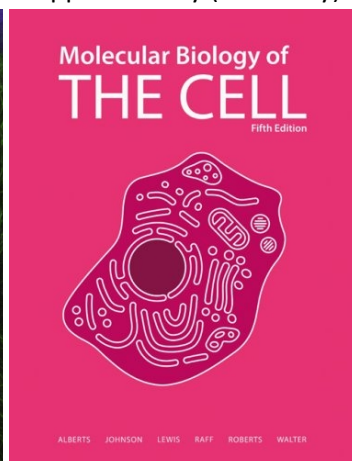
Coordinator: Professor Linyi Chen

Classroom 教室: LSII R.107 生科二 館 107 室, Time 上課時間: R6R7R8 TA 助教: *to be announced*

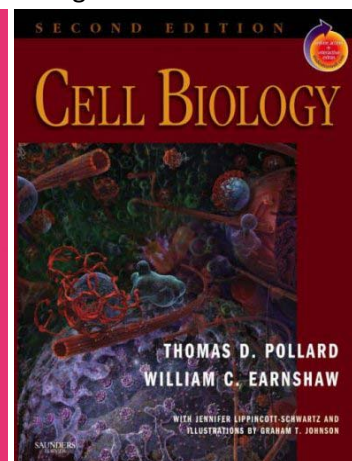
Textbook (required reading) Supplementary (voluntary) readings:



Lodish et al., “Mol. Cell Biol.”  
6<sup>th</sup> Edition



Alberts et al., “The Cell”  
5<sup>th</sup> Edition



Pollard&Earshaw, “Cell Biol.”  
2<sup>nd</sup> Edition