

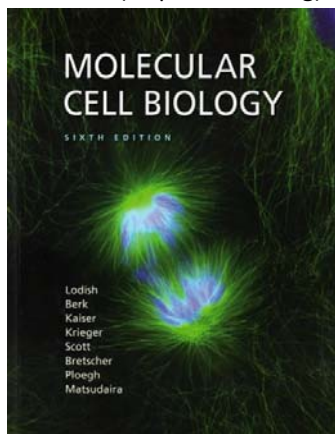
## 10010LS 524700 ADVANCED CELL BIOLOGY 高等細胞生物學 (“Chinese Teaching”)

Date	Lecturer	Chapter
September 15 <sup>th</sup>	Chang, Y.-C. 張兗君	10+11 “Biomembrane Structure” + “Transmembrane Transport of Ions and Small Molecules”
September 22 <sup>nd</sup>	Chang, Y.-C. 張兗君	19 “Integrating Cells into Tissues”
September 29 <sup>th</sup>	No class	
October 6 <sup>th</sup>	Wagner, O. 王歐力	17 “Cell Organization and Movement I: Microfilaments”
October 13 <sup>th</sup>	Wagner, O. 王歐力	18 “Cell Organization and Movement II: Microtubules and Intermediate Filaments”
October 20 <sup>th</sup>	<b>First Exam</b>	
October 27 <sup>th</sup>	Fu, H.-W. 傅化文	14 “Vesicular Traffic, Secretion, and Endocytosis”
November 3 <sup>rd</sup>	Fu, H.-W. 傅化文	15 “Cell Signaling I: Signal Transduction and Short-Term Cellular Responses”
November 10 <sup>th</sup>	Chang, C.-C. 張鑑中	16 “Cell Signaling II: Signaling Pathways That Control Gene Activity”
November 17 <sup>th</sup>	Chang, C.-C. 張鑑中	16 “Cell Signaling II: Signaling Pathways That Control Gene Activity”
November 24 <sup>th</sup>	<b>Midterm Exam</b>	
December 1 <sup>st</sup>	Chen, L. 陳令儀	21 “Cell Birth, Lineage, and Death”
December 8 <sup>th</sup>	Chen, L. 陳令儀	22 “The Molecular Cell Biology of Development”
December 15 <sup>th</sup>	Sang, T.-K. 桑自剛	20 “Regulating the Eukaryotic Cell Cycle”
December 22 <sup>nd</sup>	Sang, T.-K. 桑自剛	25 “Cancer”
December 29 <sup>th</sup>	Perng, M.-D. 彭明德	5+9 “Molecular Genetic Techniques” + “Visualizing, Fractioning, and Culturing Cells”
January 5 <sup>th</sup>	Perng, M.-D. 彭明德	13 “Moving Proteins into Membranes and Organelles”
January 12 <sup>th</sup>	<b>Final Exam</b>	

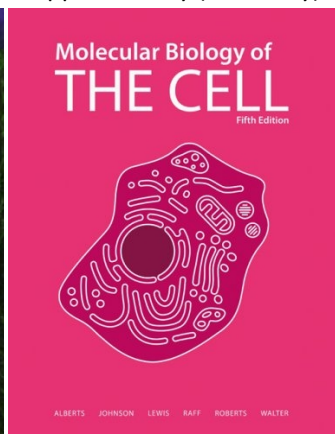
Classroom 教室: LSBII 117 生二 117, Time 上課時間: R6R7R8

TA 助教: *to be announced*

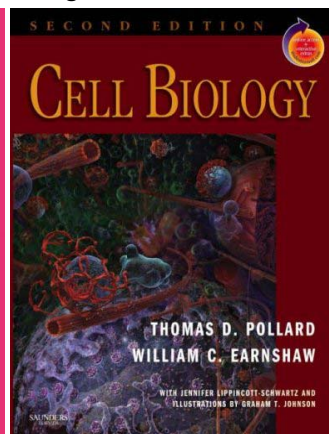
Textbook (required reading) Supplementary (voluntary) readings:



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

*“Life begins with cells. Trillions of these tiny microcosms make up the humans, as mysterious as the universe, the macrocosm we live in.” The ACB Team*