

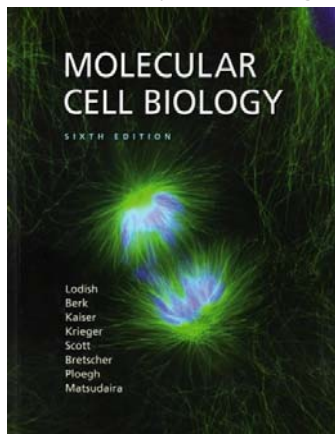
## 09910LS 524700 ADVANCED CELL BIOLOGY 高等細胞生物學 (“Chinese Teaching”)

Date	Lecturer	Chapter
September 16 <sup>th</sup>	Chang, Y.-C. 張兗君	10+11 “Biomembrane Structure” + “Transmembrane Transport of Ions and Small Molecules”
September 23 <sup>rd</sup>	Chang, Y.-C. 張兗君	19 “Integrating Cells into Tissues”
September 30 <sup>th</sup>	Perng, M.-D. 彭明德	13 “Moving Proteins into Membranes and Organelles”
October 7 <sup>th</sup>	Fu, H.-W. 傅化文	14 “Vesicular Traffic, Secretion, and Endocytosis”
October 14 <sup>th</sup>	Fu, H.-W. 傅化文	15 “Cell Signaling I: Signal Transduction and Short-Term Cellular Responses”
October 21 <sup>th</sup>	<b>First Exam</b>	
October 28 <sup>th</sup>	Wagner, Oliver	17 “Cell Organization and Movement I: Microfilaments”
November 4 <sup>th</sup>	Wagner, Oliver	18 “Cell Organization and Movement II: Microtubules and Intermediate Filaments”
November 11 <sup>th</sup>	Hsu, J.-C. 徐瑞洲	16 “Cell Signaling II: Signaling Pathways That Control Gene Activity”
November 18 <sup>th</sup>	Hsu, J.-C. 徐瑞洲	16 “Cell Signaling II: Signaling Pathways That Control Gene Activity”
November 25 <sup>th</sup>	<b>Midterm Exam</b>	
December 2 <sup>nd</sup>	Chen, L. 陳令儀	21 “Cell Birth, Lineage, and Death”
December 9 <sup>th</sup>	Chen, L. 陳令儀	22 “The Molecular Cell Biology of Development”
December 16 <sup>th</sup>	Sang, T.-K. 桑自剛	20 “Regulating the Eukaryotic Cell Cycle”
December 23 <sup>rd</sup>	Sang, T.-K. 桑自剛	25 “Cancer”
December 30 <sup>th</sup>	Perng, M.-D. 彭明德	5+9 “Molecular Genetic Techniques” + “Visualizing, Fractioning, and Culturing Cells”
January 6 <sup>th</sup>	<i>No Class</i>	
January 13 <sup>th</sup>	<b>Final Exam</b>	

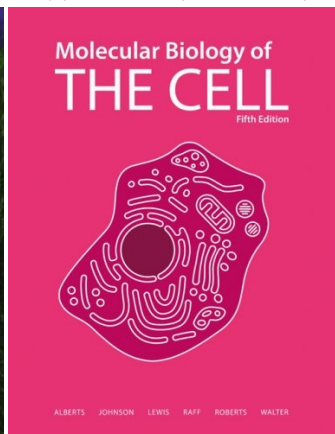
Classroom 教室: Watson Hall 生二講堂, Time 上課時間: R6R7R8

TA 助教: Mr. Wu Gong-Her 吳恭和 (d9580820@oz.nthu.edu.tw)

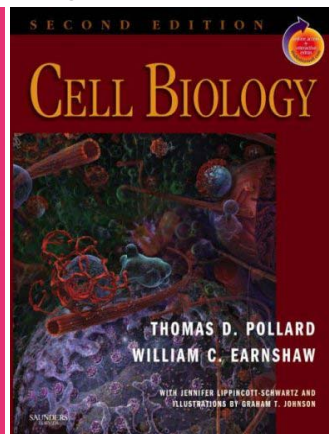
Textbook (required reading) Supplementary (voluntary) readings:



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*