

## 103 10LS 524700 ADVANCED CELL BIOLOGY 高等細胞生物學 (“Chinese Teaching”)

| Date         | Lecturer            | Chapter   |
|--------------|---------------------|---|
| September 18 | No class            |   |
| September 25 | Chang, Y.-C. 張兗君    | 10+11 “Biomembrane Structure” + “Transmembrane Transport of Ions and Small Molecules” |
| October 2    | Chang, Y.-C. 張兗君    | 20 “Integrating Cells into Tissues”   |
| October 9    | Wagner, O. 王歐力      | 17 “Cell Organization and Movement I: Microfilaments”                                 |
| October 16   | Wagner, O. 王歐力      | 18 “Cell Organization and Movement II: Microtubules and Intermediate Filaments”       |
| October 23   | <b>First Exam</b>   |   |
| October 30   | Perng, M.-D. 彭明德    | 13 “Moving Proteins into Membranes and Organelles”                                    |
| November 6   | Fu, H.-W. 傅化文       | 14 “Vesicular Traffic, Secretion, and Endocytosis”                                    |
| November 13  | Fu, H.-W. 傅化文       | 15 “Signal Transduction and G Protein-Coupled Receptors”                              |
| November 20  | Perng, M.-D. 彭明德    | 16 “Signaling Pathways That Control Gene Activity”                                    |
| November 27  | <b>Midterm Exam</b> |   |
| December 4   | Chen, L. 陳令儀        | 21 “Stem Cells, Cell Asymmetry, and Cell Death”                                       |
| December 11  | Chen, L. 陳令儀        | 22 “Nerve Cells”  |
| December 18  | Sang, T.-K. 桑自剛     | 19 “Regulating the Eukaryotic Cell Cycle”   |
| December 25  | No class            | Christmas Holiday   |
| January 1    | No class            | New Year Holiday  |
| January 8    | Sang, T.-K. 桑自剛     | 24 “Cancer”   |
| January 15   | <b>Final Exam</b>   |   |

Coordinator: Professor Linyi Chen

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

TA 助教: *to be announced*

Textbook (required reading): Lodish et al., “Mol. Cell Biol.” 7th Edition