

Advanced Cell Biology (English teaching)

Syllabus

2008 Spring, Thursdays, 2-5 PM., Rm 117, Life Science 2 Building

| Date | Lecturer | Chapter |
|-------------|----------------------|--|
| 2/21 | Chang, YC | Chapters 5 and 7: Biomembranes and Cell Architecture and Transport of Ions and Small Molecules across Cell Membranes |
| 3/6 | Wagner, O | Chapter 19 Microfilaments and Intermediate Filaments |
| 3/13 | Wagner, O | Chapter 20 Microtubules |
| 3/20 | Chang, YC | Chapter 6 Integrating Cells into Tissues |
| 3/27 | Chang, Wagner | First Examination |
| 4/10 | Hsu, JC | Chapter 14 part one Signaling pathways that control cell gene activity |
| 4/17 | Hsu, JC | Chapter 14 part two Signaling pathways that control cell gene activity |
| 4/24 | Fu, HW | Chapter 13 Signaling at the cell surface |
| 5/1 | Fu, HW | Chapter 17 Vesicular traffic, secretion and endocytosis |
| 5/8 | Hsu, Fu | Second Examination |
| 5/15 | Peter Yuan | Chapter 16 Moving proteins into membranes and organelles (invited talk) |
| 5/22 | Chen, LY | Chapters 15 and 22 part one Integration of signals and gene controls and Cell birth, lineage and death |
| 5/29 | Chen, LY | Chapters 15 and 22 part two Integration of signals and gene controls and Cell birth, lineage and death |
| 6/5 | Sang, TK | Chapter 21 Regulation of the eukaryotic cell cycle |
| 6/12 | Sang, TK | Chapter 23 Cancer |
| 6/19 | Chen, Sang | Third Examination |

Textbook: Molecular Cell Biology, by Lodish et al., 5th ed., 2004.

Lecturers: Fu, 傅化文; Chen, 陳令儀; Hsu, 徐瑞洲; Wagner, Oliver Wagner; Sang, 桑志剛; Chang, 張兗君

助教: to be announced.