

## Syllabus for Cell Signaling in Development and Diseases (2009)

Date	9/14	9/21	9/28	10/05	10/12	10/19	10/26	11/02	11/9
Lecture Topic	Introduction of signal transduction and Cell death	Neurotrophic Factor signaling in development and diseases	Oxidative stress in diabetes neuropathy	Angiogenesis and cancer	Regulation of 14-3-3 and FAK in Cell Survival and Migration	Oncogenic signaling induces genomic instability	Skin development and diseases	Student presentation	Student presentation
Professor	清大 陳令儀	清大 陳令儀	清大 陳令儀	清大 陳令儀	國衛院 劉俊揚教授	國衛院 徐欣伶教授	國衛院 楊良棟教授	清大 陳令儀	清大 陳令儀

Date	11/16	11/23	11/30	12/07	12/14	12/21	12/28	01/04	01/11
Lecture Topic	Insulin/leptin signaling in obesity and diseases	Drug resistance, therapy and regeneration	NFκB-target for drug development	Two sides of one coin: kinases and phosphatases in receptor signaling	Spindle assembly checkpoint – kinases versus phosphatases	Chromosome segregation in mitosis	Hepatitis B virus and liver cancer	Student presentation	Student presentation
Professor	清大 陳令儀	清大 陳令儀	清大 陳令儀	國衛院 陳怡榮教授	清大 王慧菁	清大 王慧菁	清大 王慧菁	清大 陳令儀	清大 陳令儀

Time of the lecture: Tuesday 10:10 am-noon

Classroom: R. 107, LSII