

101-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	分子細胞學	Serial No. / ID	1273 / MBR5023
Dept.	分子生物科技學系碩士班	School System / Class	研究所碩士班1年1班
Lecturer	李泰林	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(二)789 / J505	Language	English

Introduction

Cell molecular Biology is written to introduce how macromolecule, like protein, saccharide, lipid and nucleic acid, are metabolized and regulated. After tis course, student should realize how cells work and use these knowledge to boost their career.

Outline

1. Gene regulation and signal transduction
2. Intergrate signals and gene activity
3. Protein targeting
4. Lipid transportation and metabolism
5. Cell cycle in eukaryotic cells
6. Cell lineage and death
7. Cancer cell
8. Immunology cell
9. Neuronal cell

Prerequisite

Biochemistry and molecular Biology