

102-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	癌症分子生物學專論	Serial No. / ID	2237 / MBR5062
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	蔡孟峰	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(四)789 / J501-3	Language	Chinese

Introduction
The purpose of this course is to increase your knowledge of the principles of cancer biology with a background in cellular and molecular biology. The current cancer research topics include: (1) MicroRNAs and Their Binding in Cancer Risk and Development, (2) Extracellular Matrix and Cancer, (3) Cancer stem cells, (4) Angiogenesis, (5) Epithelial-mesenchymal transition (EMT) in cancer (6) Targeted therapy

Outline
<ol style="list-style-type: none">1. MicroRNAs and Their Binding in Cancer Risk and Development2. Extracellular Matrix and Cancer: Composition and Architecture3. Cancer stem cells4. Angiogenesis5. Epithelial-mesenchymal transition (EMT) in cancer

Prerequisite
<ol style="list-style-type: none">1. Biology2. Molecular cell biology