

Medical Genetics

Spring 2016, 2 credit hours

Time: Wed. 8:10 - 10:00 pm

Place: R. 5776, MT building

Course coordinator: 傅子芳

Textbook: Emery's Elements of Medical Genetics. Churchill Livingstone Elsevier Press.

代理商: 藝軒圖書公司, (02)-2367-6824

Date	Topic	Speaker
2/24	Course orientation and Overview of genetics	傅子芳
3/02	Developmental genetics	傅子芳
3/09	Mathematical and population genetics	傅子芳
3/16	Patterns of inheritance	黃溫雅
3/23	polygenic and multifactorial inheritance and PBL (I)	傅子芳
3/30	Debate on PBL (20 students)	傅子芳
4/06	Single gene disorder (me and 5 students)	傅子芳
4/13	Single gene disorder (J) in <u>Library</u>	傅子芳
4/20	Congenital abnormalities and dysmorphic syndromes (me and 5)	傅子芳
4/27	Cancer genetic	黃溫雅
5/04	Pharmacogenetics, Immunogenetics (CAPS) (me and 5)	傅子芳
5/11	Biochemical genetics (HAE) (me and 5)	傅子芳
5/18	Exam I	
5/25	Genetic counseling, risk calculation, ethical and legal issues in medical genetics	黃溫雅
6/01*	Treatment of genetic disease	周言穎
6/08	Chromosome disorders	蘇美慈
6/15	<u>Term presentation</u> (10 students)	傅子芳
6/22	Final exam (report on <u>L</u>)	傅子芳

Grading policy

*上課時間將另行調整安排

Quizzes/homework/PBL presentation 40 %

Mid-term exam 40 %

Final exam 20 %