

# Developmental Biology

Spring, 2010

13:30-15:20, Wednesday at Rm. N401, IMB

Course Code: 3024190(NDMC &TIGP-MCB)

Credit: 2 credits/spring semester/2010

Organizer: Dr. Cheng-Ting Chien

Date	Topic	Lecturer
1/27	<b>General Introduction</b>	Dr. <a href="#">Cheng-Ting Chien</a> (IMB) 簡正鼎
2/3-2/10	No Class	
2/17	<i>Chinese New Year Holiday</i>	
2/24	Cell fate specification	Dr. <a href="#">Cheng-Ting Chien</a> (IMB) 簡正鼎
3/3	Cell growth and proliferation	Dr. <a href="#">Cheng-Ting Chien</a> (IMB) 簡正鼎
3/10	Cell migration	Dr. <a href="#">Ruey-Hwa Chen</a> (IBC) 陳瑞華
3/17	Embryonic development I	Dr. <a href="#">Der-Hwa Huang</a> (IMB) 黃德華
3/24	Embryonic development II	Dr. <a href="#">Yu-Ting Yan</a> (IBMS) 顏裕庭
3/31	Organogenesis on non-vertebrate system	Dr. <a href="#">Y. Henry Sun</a> (IMB) 孫以瀚
4/7	Neural development	Dr. <a href="#">Yi-Ping Hsueh</a> (IMB) 薛一蘋
4/14	Organogenesis on vertebrate systems	Dr. <a href="#">Yun-Jin Jiang</a> 江運金(NHRI)
4/21	<i>Mid-term Exam</i>	<i>Course organizer</i>
4/28	Development of the immune system	Dr. <a href="#">Kuo-I Lin</a> (GRC) 林國儀
5/5	Sex determination and differentiation	Dr. <a href="#">Bon-chu Chung</a> (IMB) 鍾邦柱(分生所)
5/12	Stem cells	Dr. <a href="#">Oscar K. Lee</a> (YMU) <a href="#">李光申</a> (陽明臨醫所)
5/19	Senescence and ageing	Dr. <a href="#">Ting-Fen Tsai</a> (YMU) 蔡亭芬(陽明基科所)
5/26	Plant development	Dr. <a href="#">Shu-Hsing Wu</a> (IPMB) 吳素幸(植微所)
6/2	Evo-Devo	Dr. <a href="#">Jr-Kai Yu</a> (ICOB) 游智凱(細分所)
6/9	Modeling developmental processes	Dr. <a href="#">Chao-Pin Hsu</a> (IC) 許昭萍(化學所)
6/16	<i>Final Exam</i>	<i>Course organizer</i>

1. Organizer: Cheng-Ting Chien, e-mail: [ctchien@gate.sinica.edu.tw](mailto:ctchien@gate.sinica.edu.tw)
2. Textbooks: Developmental Biology (8<sup>th</sup> ed.) by Scott F. Gilbert  
Principles of Development (3<sup>rd</sup> ed.) by Lewis Wolpert
3. Grading: homework, or mid/final exams in open-book style.