

Introduction To Developmental Biology (Fall 2008)

with "Developmental Biology", 8th edition by Scott Gilbert

2 pm - 3 pm S3.125

S3.125 will be available from 1:30 - 3:30 pm

ver1.0

Week	#	DATE	CHAPTER	CONTENT	LECTURER
1	0	09/15/08		Course Introduction	Zorn/Nakafuku
	1	09/17/08	1	Developmental Biology: The anatomical tradition	Zorn
	2	09/19/08		Lab: Microarrays/Bioinformatics Initial lecture, transfer to R 3001 - 3006	Potter
2	3	09/22/08	2	Life cycles and the evolution of developmental patterns	Zorn
	4	09/24/08	3	Principles of experimental embryology	Zorn
	5	09/26/08		Lab: Mouse Initial lecture, transfer to R2041	Potter
3	6	09/29/08		Lab: Frog Initial 15 min. lecture, transfer to R3455	Kofron
	7	10/01/08	4	The genetic code of development	Nakafuku
	8	10/03/08	5	The paradigm of differential gene expression-1	Nakafuku
4	9	10/06/08	5	The paradigm of differential gene expression-2	Nakafuku
	10	10/08/08	6	Cell-cell communication in development-1	Heasman
	11	10/10/08		Lab: Imaging technology Initial lecture, transfer to R3486	Kofron/Nakafuku
5	12	10/13/08	6	Cell-cell communication in development-2	Heasman
	13	10/15/08	7	Fertilization: Beginning a new organism-1 (11am - 12pm)	Wylie
	14	10/17/08	7	Fertilization: Beginning a new organism-1	Wylie
6	15	10/20/08		2:00 - 5:00 pm, S3.125 Midterm exam	Zorn/Nakafuku
	16	10/22/08	9	Genetics of axis specification in Drosophila-1	Gebelein
	17	10/24/08		Lab: Chick Initial lecture, transfer to rms S4.311 & S4.351	Yutzey
7	18	10/27/08	9	Genetics of axis specification in Drosophila-2	Gebelein
	19	10/29/08		Lab: Fly	Cook
	20	10/31/07	8	Early development in selected invertebrates-1	Gebelein
8	21	11/03/08	8	Early development in selected invertebrates-2	Gebelein
	22	11/05/08	10	Early development and axis formation in amphibians-1	Heasman
	23	11/07/08		Lab: Worm Initial lecture, transfer to S3.532	Chuang
9	24	11/10/08	10	Early development and axis formation in amphibians-2	Heasman
	25	11/11/08	11	The early development of vertebrates-1 (Chick)	Wylie
	26	11/14/08	11	The early development of vertebrates-1 (Mammal)	Wylie
10	27	11/17/08	11	The early development of vertebrates-1 (Fish)	Sumanas
	28	11/19/08		Lab: Fish Initial lecture, transfer to rm S3.300	Bartman
	29	11/21/08	21	Medical implications of developmental biology	Whitsett
11	30	11/24/08	23	Developmental mechanisms of evolutionary change	Brown
	31	11/26/08	23	Q & A session	Zorn/Nakafuku
	32	11/28/08		NO CLASS - THANKSGIVING HOLIDAY	
	33	12/01/08		2:00 - 5:00 pm S3.125 Final Exam	Zorn/Nakafuku