

**MCB 263/Neuroscience 263
Adv. Developmental Neurobiology
Spring 2013**

**Tu/Th 11:00-12:30
2030 VLSB**

Instructors: Mu-ming Poo (instructor in charge); John Ngai; Hillel Adesnik
Guest Lecturers: Gian Garriga, Richard Harland, David Schaffer

Organizational meeting 1/22

1. 1/24 & 1/29: Specification of neural precursors (Harland)
2. 1/31 & 2/5: Neuronal fates (Ngai)
3. 2/7 & 2/12 : Neural stem cells (Schaffer/Ngai)
4. 2/14 & 2/19: Olfactory development (Ngai)
5. 2/21 & 2/26: Neuronal migration (Garriga)
6. 2/28 & 3/5: Regionalization (Ngai)
7. 3/7 & 3/12: Axon/dendrite specification (Poo)
8. 3/14 & 3/19: Axon guidance (Poo)
9. 3/21 & 4/2: Synapse formation – neuromuscular junction (Poo)
10. 3/25 – 3/29: (SPRING BREAK)
11. 4/4 & 4/9: Synapse formation and plasticity – central synapses (Poo/Adesnik)
12. 4/11 & 4/16: Neurotransmitter receptors in development (Adesnik)
13. 4/18 & 4/23: Neural circuit development and function (Adesnik)
14. 4/25 & 5/2: Neural circuit development and function (Adesnik)