BIO 425-003 Seminar: Genes in Development

Seminar Schedule Fall 2006

September 19 Candace Brown

Rivera-Feliciano, J., *et al.* (2006) Development of heart valves requires Gata4 expression in endothelial-derived cells. *Development* **133**: 3607-3618.

September 26 Joshua Cutshall

Politi, K., *et al.* (2006) Lung adenocarcinomas induced in mice by mutant EGF receptors found in human lung cancers respond to tyrosine kinase inhibitor or to down-regulation of the receptors. *Genes Dev.* **20**:1496-1510.

October 3 BYE

October 10 Benjamin Owen

Walton, N., *et al.* (2006) Derivation and large-scale expansion of multipotent astroglial neural progenitors from adult human brain. *Development.* **133**: 3671-3681.

October 17 Katie Johnson

Maatouk, D., *et al.* (2006) DNA methylation is a primary mechanism for silencing postmigratory primordial germ cell genes in both germ cell and somatic cell lineages. *Development* **133**: 3411-3418.

October 24 Jodie Rueger

Filomatori, C., *et al.* (2006) A 5' RNA element promotes dengue virus RNA synthesis on a circular genome. *Genes Dev.* 20: 2238 - 2249.

October 31 Allison Edwards

Stock, D., *et al.* (2006) Developmental genetic mechanisms of evolutionary tooth loss in cypriniform fishes. *Development* 133: 3127-3137.

November 7 Fitore Vula

Laferté, A., *et al.* (2006) The transcriptional activity of RNA polymerase I is a key determinant for the level of all ribosome components. *Genes Dev.* **20**:2030-2040.

November 14 Jenna Humphrey

Muro, I., *et al.* (2006) The *Drosophila* caspase Ice is important for many apoptotic cell deaths and for spermatid individualization, a non-apoptotic process. *Development* **133**: 3305-3315.

November 21 Maja Starcevic

Shwu-Yuan, W., *et al.* (2006) Brd4 links chromatin targeting to HPV transcriptional silencing. *Genes Dev.* **20**:2383-2496.

November 28 Lize-Mari Dorfling

Lilyestrom, W., *et al.* (2006) Crystal structure of SV40 large T-antigen bound to p53: interplay between a viral oncoprotein and a cellular tumor suppressor. *Genes Dev.* 20: 2373-2382.

December 5 Lindsay Carter

Ni, J.-Q., *et al.* (2006) *Drosophila* ribosomal proteins are associated with linker histone H1 and suppress gene transcription. *Genes Dev.* **20**: 1959 – 1973.