

## SYLLABUS

Bi410/510 Spring, 2015

Model Organisms: Windows for Human Biology

<http://blogs.uoregon.edu/bi410/spring-2015/model-organisms/>  
Tentative Lecture Schedule

March 31 – April 7	Cell Cycle, Checkpoints and Cancer
April 9 – April 14	Cell Signaling Specificity
April 16 – April 23	Technology and Scale
April 28 – April 30	Cell Death
May 5 – May 7	Aging
May 12– May 14	Neurodisease and mini-stories
May 19 – June 4	Student Presentations

### **Note: Lectures of Special Interest**

May 12 Streisinger Lecture, 4 pm 177 LA **Craig Mello** “title tba” general subject: RNA-mediated gene regulation

May 13 10 am 110 WIL **Jim Priess** "title tba" general subject: genetic analysis of *C. elegans* development

### **Learning objectives:**

familiarity and facility with genetic reasoning

competency in reading, understanding, and critically evaluating scientific information in genetics and molecular biology

an ability to communicate scientific ideas clearly, orally and in writing,