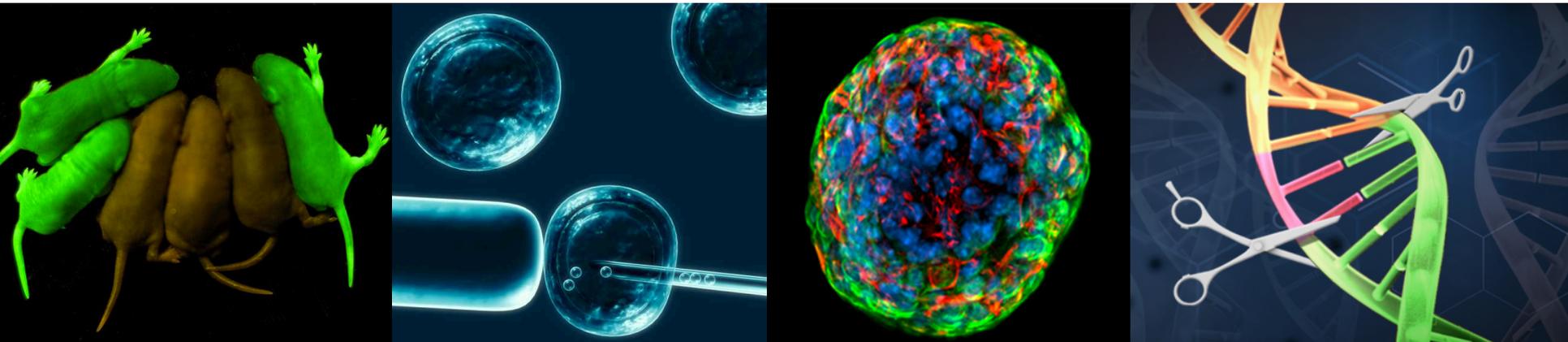


# ONE CELL TO RULE THEM ALL

COMING UP SPRING 2017!

## PLURIPOTENT STEM CELLS AND GENOME ENGINEERING FOR MODELING HUMAN DISEASES

This course will introduce the field of stem cell biology and genome engineering through the critical reading of both the classical and newest primary research literature. We will focus on the methods used to study embryonic and induced pluripotent stem cells; genome editing to create transgenic animal models of human diseases; regenerative medicine; and other hot topics in genome engineering such as CRISPR. In addition, we will discuss specific disease model systems and their benefits/limitations for understanding the disease and treating human patients.



### 7.343 Pluripotent Stem Cells and Genome Engineering for Modeling Human Diseases

Spring 2017. Wednesday, 3 pm – 5 pm.  
(Class day and time are flexible)  
Room 68-150

Check us out@ <http://ocw.mit.edu>



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