

NEW GRADUATE COURSE  
SPRING 2020

GNET 760

Advanced Topics in

# CRISPR-BASED GENOME ENGINEERING

Clinical Applications  
Ethical Considerations  
High Throughput Screens  
Knockout/Knockin Strategies  
Interference + Activation  
Various Cas Proteins

## INSTRUCTORS

**Hector Franco** Asst. Professor Dept. of Genetics  
**Eric Juengst** Director UNC Center for Bioethics  
**Mark Zylka** Director UNC Neuroscience Center  
**Dale Cowley** Director Animal Models Core Facility  
**Jesse Raab** Asst. Professor Department of Genetics  
**Nate Hathaway** Asst. Prof. Eshelman School of Pharmacy  
**Adriana Beltran** Dir. Human Pluripotent Stem Cell Core Facility

March 19 – April 23 3:30 – 4:45  
Tuesdays + Thursdays