

Full semester



BIT 410/510

Manipulation of Recombinant DNA

Lecture: 12:50 PM - 2:40 PM **Lab:** 12:50 PM-5:50 PM

Section: **001/201** Section: **002/202**
M/W **Tu/Th**
 Srougi, Dums Cartwright

Section: **003/203** Section: **604/704**
W/F **M/W**
 Bullock Goller and Noel

Introduction to molecular biology and protein chemistry. Theory behind laboratory techniques and overview of molecular cloning strategies. This course is a prerequisite for advanced BIT laboratory modules.



BIT 295

Biotechnology and sustainability

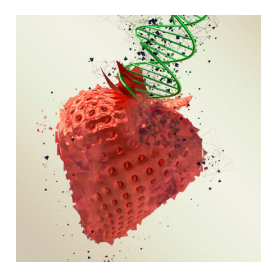
Section :**001/201**
Tu/Th: 10:15 AM-11:30 AM
 Goller and Sjogren



BIT 402/502

Networking and Professional Development

Section: **601**
Tu: 8:00 PM- 9:00 PM
 Chen



BIT 501

Ethical issues in Biotechnology

Section : **601**
T: 10:40 AM-12:30 PM
 Dums



BIT 815

Deep Sequencing Analysis

Section **003/203**
M/W/F: 8:30 AM-10:20 AM
 Gage



BIT 815

Rigor and ReprOducibility in Research

Section **001**
F: 10:40 AM- 12:30 PM
 Haugh

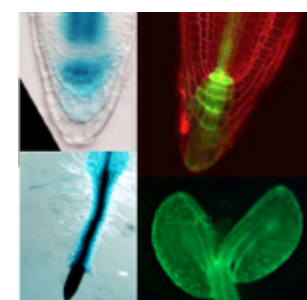
Session 1 (8 weeks)



BIT 464/564

Protein Purification

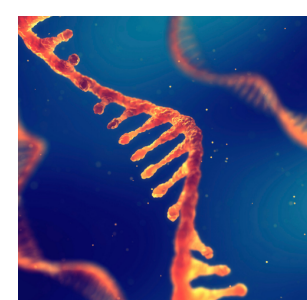
Section **001/201**
W: 3:00 PM-4:50 PM **M:** 12:50 PM- 5:50 PM
 Kelly



BIT 495/595

Synthetic Biology

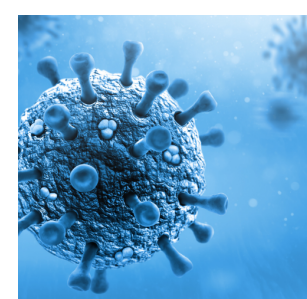
Section **001/201**
M: 12:50 PM -2:40 PM **W** 12:50 PM- 5:50 PM
 Alonso and Stepanova



BIT 471/571

RNA interference and model organisms

Section **001/201**
Tu: 3:00 PM-4:50 PM **Th:** 12:50 PM- 5:50 PM
 Srougi and Bullock



BIT 482

Virus Biotechnology: Pathogens to Therapeutics

Section **001/201**
Th: 3:00 PM -4:50 PM **T:** 12:50 PM- 5:50 PM
 Chen



BIT 495/595

DNA Forensics

Section **001/201**
M: 12:50 PM -2:40 PM **T:** 12:50 PM- 5:50 PM
 Meiklejohn



BIT 495/595

Illuminating Disease with Chemical Biology

Section **001/201**
Tu/Th: 8:30 AM- 12:00 PM
 Fikes

For Questions:
Contact: Dr. Carlos Goller
Email: ccgoller@ncsu.edu
Website: http://biotech.ncsu.edu

Socials
Twitter : @NCSUBIT

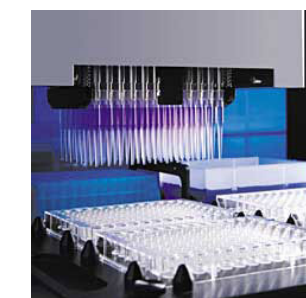
Session 2 (8 weeks)



BIT 474/574

Plant Genetic Engineering

Section: **001/201**
M: 3:00 PM- 4:50 PM **W:** 12:50 PM- 5:50 PM
 Dums



BIT 479

High-Throughput Discovery

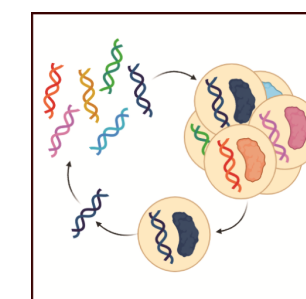
Section: **001/201**
Th: 3:00 PM-4:50 PM **T:** 12:50 PM - 5:50 PM
 Goller and Sjogren



BIT 495/595

Cancer Discovery and Drug Development

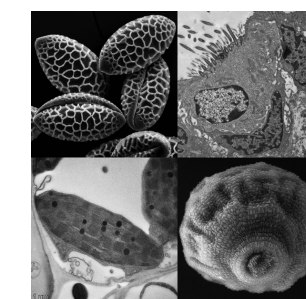
Section: **004/204**
Th: 12:50 PM-2:40 PM **T:**12:50 PM- 5:50 PM
 Srougi



BIT 495/595

Directed Evolution

Section: **005/205**
Th: 12:50 PM-2:40 PM **T:**12:50 PM- 5:50 PM
 Chen



BIT 495/595

Introduction to Biological Electron

Microscopy Techniques
 Section: **006/206**
Th: 3:00 PM-4:50 PM **T:**12:50 PM-5:50 PM
 Bell



BIT 495/595

Comparative Plant Transcriptomics

Section: **007/207**
W: 3:00 PM-4:50 PM **M:** 12:50 PM- 5:50 PM
 Sjogren and Cartwright



BIT 495/595

Experimental Assay Design

Section: **008/208**
T: 3:00 PM- 4:50 PM **Th:** 12:50 PM-5:50 PM
 Noel