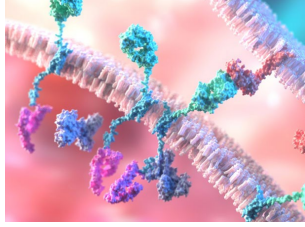


03-121/151 Modern Biology



- Science Elective (03-121) and CS lab elective (03-151)
- 9 Units (03-121) - 3 hours lecture/week
or
- 10 Units (03-151) - 3 hours lecture/week, 2 hours lab
or recitation/week.
- Pre-requisites: None (high school science helpful)

Learning Goals

1. Develop an understanding of chemical and biological processes in living cells, such as protein synthesis and energy production.
2. Understand how antibiotics and other pharmaceuticals function.
3. Learn about developments in biotechnology and gene therapy.
4. Learn about the function of the immune system and cutting-edge vaccine development and cancer immunotherapies.
5. Understand genetic inheritance and genetic disease.

Instructor:

Dr. Nesrine Affara

Dr. Gordon Rule

Student evaluation: 3 in-class exams, weekly homework, weekly quizzes, current events presentation, final presentation, final exam.

