

BME 510: Drug and Gene Delivery Biomedical Engineering

Fundamentals of drug delivery, including routes of delivery, physiologic drug delivery barriers, and pharmacokinetics/pharmacodynamics. Focus on new biomaterials underdevelopment for enabling controlled release, tissue targeting, improved bioactivity of different classes of compounds, and delivery of different classes of nucleic acid based therapeutics.

3 Credits

Prerequisites

- Bisc 162: Biological Sciences II \$target.descriptions.MinimumGrade\$
- <u>Chem 106: General Chemistry II</u> \$target.descriptions.MinimumGrade\$

Instruction Type(s)

Lecture: Lecture for BME 510

Subject Areas

Bioengineering and Biomedical Engineering

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