

Phcl 340: Animal Cells: Testing New Drugs Biomolecular Sciences

The aim of this course is to provide an introduction to the multiple biochemical and molecular approaches that explain how cell reacts to foreign organic agents without introducing the names of too many specific drugs. It is intended to develop the subject from the point of view of pharmacologists who are working at the molecular level and trying to understand the problems of drug-cell interactions. Parts of the discussion will be a repetition for some students. However, lectures are concentrated on key theories and novel approaches that hone in on a variety of contemporary interdisciplinary fields, which define pharmacology.

1 Credit Prerequisites

• Pre-requisite: Pharmacy PY1

Instruction Type(s)

• Lecture: Lecture for Phcl 340

Subject Areas

Pharmacy, Pharmaceutical Sciences, and Administration, Other

Related Areas

- <u>Clinical and Industrial Drug Development (MS, PhD)</u>
- Industrial and Physical Pharmacy and Cosmetic Sciences (MS, PhD)
- Medicinal and Pharmaceutical Chemistry
- <u>Natural Products Chemistry and Pharmacognosy (MS, PhD)</u>
- <u>Pharmaceutical Marketing and Management</u>
- Pharmaceutical Sciences
- Pharmaceutics and Drug Design (MS, PhD)
- <u>Pharmacoeconomics/Pharmaceutical Economics (MS, PhD)</u>
- Pharmacy (PharmD USA PharmD, BS/BPharm Canada)
- Pharmacy Administration and Pharmacy Policy and Regulatory Affairs (MS, PhD)

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