Introductory Physiology

Instructor
Medhamurthy R
Email: rmm@iisc.ac.in

Teaching Assistant
Neethu Sara Alex
Email: Neethu@iisc.ac.in

Department: Old Physics Building
Course Time: Mon and Thur 10-11 Am
Lecture venue: G21
Detailed Course Page:

Announcements

Brief description of the course
Physiology deals with operation of specific organ systems. Focuses on the functions of the body, often at the cellular or molecular level. For understanding health and human disease, it is necessary to know how the physiological mechanisms promote a healthy organism in order to rectify a diseased state

Prerequisites
none

Syllabus
Introduction
Homeostasis
Kidney function
Hormones and their actions
General Metabolism
Diabetes
Calcium Homeostasis
Course outcomes
Students are expected to learn concept of homeostasis with some examples. Students will be exposed to the vast area of endocrinology and its importance in body homeostasis.

Plant biology- synthesis of various of plant compounds and their importance in the treatment of diseases

Grading policy
assignment (5%), midterm (35%) and final exam (60%)

Assignments

Resources