COURSE DETAIL

PRACTICAL PHARMACOLOGY
Country United Kingdom - England
Host Institution University College London
Program(s) University College London
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Biochemistry
UCEAP Course Number 110
UCEAP Course Suffix
UCEAP Official Title PRACTICAL PHARMACOLOGY
UCEAP Transcript Title PRACTL PHARMACOLOGY
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This is a largely practical course, which develops experimental skills. A selection of practicals and follow-up sessions designed for students taking Pharmacology PHAR0004 provide reinforcement of the material in that course. Students learn to conduct simple experiments on *in vitro* preparations and present their findings in a written account, use animals in medical research from the standpoint of animal welfare and ethics; set-up tissue preparations and use transducers and computers to measure tension or length changes in smooth muscle preparations; understand the experimental conditions required to maintain tissues *in vitro* and of the requirements to achieve stimulation of nerves using pulse generators; perform dilutions of stock drug solutions and calculate appropriate volumes to add to organ baths to achieve the desired final concentrations; follow experimental protocols accurately to generate reproducible results; and quantify results and present them clearly in graphical form.

Language(s) of Instruction
English

Host Institution Course Number
PHAR0008

Host Institution Course Title
PRACTICAL PHARMACOLOGY

Host Institution Course Details
https://www.ucl.ac.uk/module-catalogue/modules/practical-pharmacology-PHAR0008

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Division of Biosciences

Course Last Reviewed
2024-2025

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