COURSE DETAIL

BIOPHARMACEUTICAL INDUSTRY
Country Taiwan
Host Institution National Taiwan University
Program(s) National Taiwan University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Biochemistry
UCEAP Course Number 114
UCEAP Course Suffix
UCEAP Official Title BIOPHARMACEUTICAL INDUSTRY
UCEAP Transcript Title BIOPHARM INDUSTRY
UCEAP Quarter Units 3.00
UCEAP Semester Units 2.00

Course Description

The course has four main focuses. It begins with an overview of the biotechnology and pharmaceutical industry with introduction on the biotech-pharmaceutical industry, market overview, and aspects of drug development. Second, the course offers an introduction of drug development focusing on small-molecule drug/anticancer drug, drug development and translational research, antibody and plant drug development, and immunotherapy. The third section is on research and development: preclinical, focusing on animal application, pharmacokinetics, pre-formulation and formulation development of new drugs, clinical trials, small molecule drug development. The final section covers industry business outline focusing on the biotech industry, biomedical research, development of patent protection, biotech economy.

Language(s) of Instruction
Chinese

Host Institution Course Number
BST5029

Host Institution Course Title
INTRODUCTION TO PRACTICES IN BIOPHARMACEUTICAL INDUSTRY

Host Institution Course Details
https://ceiba.ntu.edu.tw/1041BST5029_

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Biochemical Science and Technology

Course Last Reviewed
2022-2023

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