COURSE DETAIL

EARLY DEVELOPMENTAL EMBRYOLOGY

Country
Taiwan

Host Institution
National Taiwan University

Program(s)
National Taiwan University

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Biological Sciences

UCEAP Course Number
123

UCEAP Course Suffix

UCEAP Official Title
EARLY DEVELOPMENTAL EMBRYOLOGY

UCEAP Transcript Title
EARLY DEVT EMBRYO

UCEAP Quarter Units
3.00

UCEAP Semester Units
2.00

Course Description

This course discusses the basic principles and molecular controls of embryonic development, emphasizing the progression from gametogenesis, fertilization, cleavage to gastrulation (i.e., the formation of the gut). The course also covers cell fate and embryonic axis determination as well as popular experimental models used by current developmental biologists. The course studies formation and derivatives from three germ layers, ectoderm, mesoderm and endoderm. The course then ends with a review of tissue and organ regeneration and the progression of regenerative medicine.

Language(s) of Instruction
English

Host Institution Course Number
LS5019

Host Institution Course Title
EARLY DEVELOPMENTAL EMBRYOLOGY

Host Institution Course Details
https://nol.ntu.edu.tw/nol/coursesearch/print_table.php?course_id=B21%20U1320&c...

Host Institution Campus

Host Institution Faculty
College of Life Sciences

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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