COURSE DETAIL

MOLECULAR BASIS OF GENE EXPRESSION

Country
United Kingdom - England

Host Institution
King's College London

Program(s)
King's College London

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Biological Sciences

UCEAP Course Number
120

UCEAP Course Suffix
N

UCEAP Official Title
MOLECULAR BASIS OF GENE EXPRESSION

UCEAP Transcript Title
GENE EXPRESSION

UCEAP Quarter Units
6.00

UCEAP Semester Units

4.00

Course Description

The course develops students' understanding of key concepts of the mechanisms by which gene expression is regulated. The multiple levels at which gene expression is regulated is described in relation to the central dogma of molecular genetics whereby genetic information flows from DNA to messenger RNA (mRNA) to protein. Students leran about how gene expression is regulated at the level of transcription, post-transcriptional processing, translation, and post-translation.

Language(s) of Instruction
English

Host Institution Course Number
5BBG0205

Host Institution Course Title
MOLECULAR BASIS OF GENE EXPRESSION

Host Institution Course Details
https://keats.kcl.ac.uk/mod/url/view.php?id=6899195

Host Institution Campus
King's College London (Guy's)

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2023-2024

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