

COURSE DETAIL

RECEPTOR-MEDIATED CELL SIGNALLING

Country

Ireland

Host Institution

University College Dublin

Program(s)

Irish Universities, University College Dublin

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

109

UCEAP Course Suffix**UCEAP Official Title**

RECEPTOR-MEDIATED CELL SIGNALLING

UCEAP Transcript Title

CELL SIGNALING

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

This course provides a description of intracellular mechanisms associated with cell communication. Students examine the details of the molecular components of signal transduction cascades, including first messengers, cell surface and nuclear receptors, intracellular signaling molecules, and target proteins. The course includes a discussion of the biochemical and pharmacological techniques used in the study of signaling pathways. Practical classes include both laboratory-based and computer-aided learning (CAL) exercises that illustrate specific aspects of cell signaling pathways.

Language(s) of Instruction

English

Host Institution Course Number

BMOL30040

Host Institution Course Title

RECEPTOR-MEDIATED CELL SIGNALLING

Host Institution Campus

UC Dublin

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Biomolecular and Biomedical Science

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