COURSE DETAIL

STEM CELLS AND BRAIN DEVELOPMENT: HOW DOES YOUR BRAIN GROW?

Country
United Kingdom - England

Host Institution
University of Cambridge, Pembroke College

Program(s)
Summer in Cambridge

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Biological Sciences

UCEAP Course Number
103

UCEAP Course Suffix
S

UCEAP Official Title
STEM CELLS AND BRAIN DEVELOPMENT: HOW DOES YOUR BRAIN GROW?

UCEAP Transcript Title
STEM CELL&BRAIN DEV

UCEAP Quarter Units
5.00

UCEAP Semester Units
3.30

Course Description

This course provides insights into the fascinating world of stem cells and their applications in brain research and clinics. Students follow the life of a cell from embryogenesis to neurogenesis in the adult brain. Students learn directly from scientists how to apply advanced techniques to research, how to build disease models, and the ethical limitations concerning stem cell research. A broad part of the course is directed to debates about working with animal models and stem cells, applications of “mini-brains”, and the role of women in science.

Language(s) of Instruction
English

Host Institution Course Number

Host Institution Course Title
STEM CELLS AND BRAIN DEVELOPMENT: HOW DOES YOUR BRAIN GROW?

Host Institution Campus
Pembroke College

Host Institution Faculty

Host Institution Degree

Host Institution Department
Biology

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