COURSE DETAIL

THE WAR ON CANCER: FROM BIOLOGICAL MECHANISMS TO DRUG DEVELOPMENT

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
118

UCEAP Course Suffix
S

UCEAP Official Title
THE WAR ON CANCER: FROM BIOLOGICAL MECHANISMS TO DRUG DEVELOPMENT

UCEAP Transcript Title
WAR ON CANCER

UCEAP Quarter Units
5.00

UCEAP Semester Units
3.30

Course Description

“Cancer” is among the most encountered terms in our daily lives, but few beyond the biomedical profession truly understand what cancer is. This course helps students understand this complex disease. The course starts from the era of the ancient Greeks, through the world wars and their role in advancing cancer treatment, to the most cutting-edge research ongoing today and what the future holds. Students also learn about important techniques involved in modern day research, including gene editing, cancer modelling, and computational biology. They also discuss key scientific publications in the field of cancer biology.

Language(s) of Instruction
English

Host Institution Course Number

Host Institution Course Title
THE WAR ON CANCER: FROM BIOLOGICAL MECHANISMS TO DRUG DEVELOPMENT

Host Institution Course Details
https://www.pem.cam.ac.uk/international-programmes/pembroke-cambridge-summer-pr…

Host Institution Campus
Pembroke Cambridge

Host Institution Faculty

Host Institution Degree

Host Institution Department
Science and Maths

Course Last Reviewed
2022-2023

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