

## *The Hebrew University of Jerusalem*

### *Syllabus*

## *The story of cancer- from ancient Egypt to personalized molecular treatment - 96129*

*Last update 12-10-2021*

*HU Credits:* 2

*Degree/Cycle:* 1st degree (Bachelor)

*Responsible Department:* Medicine

*Academic year:* 0

*Semester:* 2nd Semester

*Teaching Languages:* Hebrew

*Campus:* Ein Karem

*Course/Module Coordinator:* MR. NIMROD WAEHNER-LEVIN

*Coordinator Email:* [nimrod.levin@mail.huji.ac.il](mailto:nimrod.levin@mail.huji.ac.il)

*Coordinator Office Hours:* SUNDAY 15:00-16:00

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Teaching Staff:

Dr. Asher Salmon

Course/Module description:

HISTORICAL INSIGHTS ON MEDICINE AND SICKNESS, NAMELY ON CANCER. UNDERSTANDING OF CULTURAL AND SOCIAL PERCEPTIONS OF CANCER AND DEATH. ACTIVE PARTICIPATION OF STUDENTS IN CLASSES ARE ENCOURAGED. NO FORMAL BACKGROUND IS REQUIRED.

Course/Module aims:

UNDERSTAND WHAT IS CANCER AND HOW IT IS CURRENTLY TREATED.

Learning outcomes - On successful completion of this module, students should be able to:

UNDERSTAND WHAT IS CANCER AND HOW IT IS CURRENTLY TREATED.

Attendance requirements(%):

100

Teaching arrangement and method of instruction: A SERIES OF LECTURES. ATTENDANCE IS MANDATORY.

Course/Module Content:

1. INTRODUCTION
2. BASIC CONCEPTS IN BIOLOGY OF THE CELL
3. BASIC CONCEPTS IN MOLECULAR BIOLOGY
4. GENETICS OF CANCER
5. CHEMOTHERAPY
6. RADIOTHERAPY
7. IMMUNOTHERAPY
8. MOLECULAR MEDICINE
9. CANCER AND BIOINFORMATICS
10. THE HISTORY OF ONCOLOGY
11. THE PATIENT AND ITS ENVIRONMENT IN LATE MEDIEVAL TIMES
12. CANCER AND PREVENTION

Required Reading:

NO REQUIRED READING

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Additional Reading Material:

IRRELEVANT

Course/Module evaluation:

End of year written/oral examination 0 %

Presentation 0 %

Participation in Tutorials 0 %

Project work 100 %

Assignments 0 %

Reports 0 %

Research project 0 %

Quizzes 0 %

Other 0 %

Additional information: