Course number		U-LAS70 10002 SE50									
Course title (and course title in English)	Fundam 物学) ILAS S		iology (がんの coding the	んの生 Instructor's name, job title, and department of affiliation			Graduate School of Medicine Professor,THUMKEO, Dean				
Group Seminars in Libe		rs in Liberal Arts	peral Arts and Sciences			er of credits	2		Number of weekly 1 time blocks		1
Class style semin (Face		nar e-to-face course) Year/sem	estei	rs	2025 • First	semester		Quota (Freshman)		(9)
Target year M		ly 1st year students	Eligible stude	ents	ts For all majors			Days and periods		Tue.5	
Classroom	om12, Yoshida-South Campus Academic Center Bldg. North WingLanguage of instructionEnglish								sh		
Keyword Human Diseases / Medicine / Immunology / Cancer / Biomedical Sciences											
[Overview and purpose of the course]											
principles of cancer. Moreover, recent topics on cancer immunotherapy will also be discussed in this seminar. Finally, students will conduct a presentation on their selected paper and discuss about the current and future therapeutics. Also noted that language that is accessible to students without a medical background will be used in this seminar to help their understanding. [Course objectives]											
By participating in this ILAS Seminar, students will gain fundamental knowledge of the current understanding of human cancer.											
[Course schedule and contents)]											
The seminar comprises interactive lectures, reading circles, and student presentations.											
 Cell cycl gene exp The natu: Oncogen Oncogen Ras/Tum Tumor su 	Dogma & e and ch ression re of car es 1 es 2 or suppi ppresson icroenv immuno immuno	ressor gene 1: pR gene 2: p53 and ironment and any logy 1 logy 2 therapy 1	ture ture to and control l control of cel								
Continue to ILAS Seminar-E2 :Decoding the Fundamentals of Cancer Biology (がんの生物学) (2)											

ILAS Seminar-E2 :Decoding the Fundamentals of Cancer Biology (がんの生物学) (2)

14. Summary & Presentation

15. Feedback

Note: The schedule is subject to adjustments based on the number of students and specific needs of the class.

[Course requirements]

None

[Evaluation methods and policy]

Attendance and Active participation to the lectures (60%) Quality of student presentations and discussions (30%) A report (10%)

[Textbooks]

Handouts and reading materials will be provided when necessary.

[References, etc.]

(References, etc.)

Robert Weinberg ^𝔽 the biology of cancer, 3rd edition **』** (GARLAND Science, 2023) ISBN:978-0-393-88766-2

[Study outside of class (preparation and review)]

I recommend students to confirm the handouts for each lecture and the relevant reference textbook to learn about the lecture content in advance of the class. Handouts for each lecture will be uploaded on PandA few days before each class.

[Other information (office hours, etc.)]

Consultation via email or online meetings such as Zoom is possible. For those students who prefer to discuss directly with the instructor, please arrange appointments by email in advance.