	Coding(科 ンバー)		emester/Ter 度・学期)	Faculty Offering Course(時間割所属・時間 割コード)		Eligible Student (開講年次)	Credits(単位 数)	Weekday and Period(曜 日・時限)	
RDM7-	-004-99-2	2025\	whole year	Graduate School of Medical Sciences (25580)	1	, 2, 3, 4	2	others	
		Co	ourse Title(Th	neme)(科目名(講義題目))			Instructor(s)(担当教員)	
Spec	ial Lecture I	on Infec	tious Disease	SATO Yorifumi, KUWATA Takeo, IKEDA KUBOTA Ryuji, OKADA Seiji, OSHIUMI MOTOZONO Chihiro, SAWA Tomohin Shinya, NAKATA Hirotomo, IKEDA Te TANAKA Yasuhito, YASUNAGA Jyun MONDE Kazuaki			Seiji, OSHIUMI Hiroyuki, SAWA Tomohiro, SUZU omo, IKEDA Terumasa, SUNAGA Jyunichirou,		
				Goals with their ratio(学修成果とそ					
1.Advanand and abil	iced expert l lity to take in	knowleds nitiative a	ge, skill and raction · · · · 20	esearch capability ····30% 2.Profound inte % 4.Social leadership drive ····20%	er-disci	plinary kno	wledge · · · · 309	% 3.Global perspective	
Type of	f Class(授業)	の形態)	Lecture						
Teaching Method(授業の方 法)			PowerPoint will be used in the lectures, and active participation in the discussion is encouraged. Extra classes or video lectures are considered for those who are regularly absent for unavoidable reasons. (Before starting this course students will be informed of the individual lecture style of instructors in detail.)						
Course Goals(授業の目的)			The aim of this lecture series "Special Lecture I on Infectious Diseases and AIDS" is to learn following topics important for basic and clinical research of infectious diseases: (1) interaction between pathogen and host response, (2) molecular pathogenesis of viral infection, (3) immune control and vaccine research, (4) management of nosocomial/opportunistic infection, (5) diagnosis and treatment of emerging/re-emerging infectious diseases, (6) pathogenesis and treatment of infectious diseases.						
Course Learning goals(学修 目標)			[A level (A水準)] Students will learn following topics important for basic and clinical research of infectious diseases. Students will learn following topics important for basic and clinical research of infectious diseases. (1) interaction between pathogen and host response,(2) molecular pathogenesis of viral infection, (3) immune control and vaccine research, (4) management of nosocomial/opportunistic infection, (5) diagnosis and treatment of emerging/reemerging infectious diseases, (6) Pathogenesis and treatment of HIV-1 infection. [C level (C水準)] Understanding for the following points. (1) interaction between pathogen and host response (2) molecular pathogenesis of viral infection (3) immune control and vaccine research (4) management of nosocomial/opportunistic infection (5) diagnosis and treatment of emerging/re-emerging infectious diseases (6) Pathogenesis and treatment of HIV-1 infection						
Course ⁽	Outline(授業	きの概要)	(including g and preven protective i as the mech	addresses the introduction (bacteriology, varam-positive and negative bacteria, a DNA tion of infectious diseases and emerging an mmunity of host against infectious diseases anism of T-cell recognition of the viral antig	or RNA d reem includ gens, d	viruses) foo erging infeo ling HIV-1 ir lifferentiatio	cusing on topic ctious diseases. Ifection. Especi n of immune co	s of pathogenesis, control The course addresses ally, recent topics such ells from hematopoietic	
				Details for Individual Classes(各回 σ	授業内	容)			
No.(回)	Date(月	目)		Class Theme(授業テーマ)		Brie	ef Outline of Cla	ass(内容概略)	
1			Terumasa II	keda [eE-O]	Retro	ovirus life cy	rcle		
2			Tomohiro S	awa [eE-O]	Bact	erial infection	on and pathoge	nesis	
3			Hiroyuki Os	hiumi [eE-O]	Inna	te immune ı	esponses to pa	thogens	
4			Chihiro Mo	tozono [eE-O]	Cellu	ılar immune	responses to p	pathogens	
5			Takeo Kuwa	ata [eE-O]	Hum	oral immun	e responses to	pathogens	
6	06/3	0	5th period(16:45~18:15) Kazuaki Monde【eE-O】	Adap	tive evoluti	on of viral gene	es	
J	07/0	7	5th period(O)	16:45~18:15) Jyunichirou Yasunaga 【eE-	Eme	rging/re-em	erging infection	us diseases	
7	0770								
	0770		Shinya Suzu	ı [eE-O]	Retro	oviruses-hos	st interaction		
7			Shinya Suzu Yorifumi Sa		+		t interaction ons and latenc	у	
7 8	37,0		Yorifumi Sa		Retro	oviral infect		•	
7 8 9	37,0		Yorifumi Sa Masanori Ik	to [eE-O]	Retro	oviral infecti ecular patho	ons and latenc	atitis viruses	
7 8 9 10			Yorifumi Sa Masanori Ik	to [eE-O] eda [eE-O] naka [eE-O]	Retro Mole Hepa	oviral infecti ecular patho atitis viruses	ons and latenc	atitis viruses eer	
7 8 9 10 11			Yorifumi Sa Masanori Ik Yasuhito Ta	to [eE-O] eda [eE-O] naka [eE-O] a [eE-O]	Retro Mole Hepa Virus	oviral infecti ecular patho atitis viruses i-induced n	ons and latenc genesis of hep and Liver cand	eer eases	
7 8 9 10 11 12			Yorifumi Sa Masanori Ik Yasuhito Ta Ryuji Kubot Seiji Okada	to [eE-O] eda [eE-O] naka [eE-O] a [eE-O]	Retro Mole Hepa Virus Anim	oviral infecti ecular patho atitis viruses i-induced no nal model re	ons and latenc genesis of hep and Liver cand eurological dise search in infec	eer eases	
7 8 9 10 11 12 13 14			Yorifumi Sa Masanori Ik Yasuhito Ta Ryuji Kubot Seiji Okada Hirotaka Ma	to [eE-O] eda [eE-O] naka [eE-O] a [eE-O] [eE-O] atsui [eE-O]	Retro Mole Hepa Virus Anim Role	oviral infection oviral infection of the color of the col	ons and latence genesis of heperand Liver cand eurological disease search in infectory medicine fo	eatitis viruses eer eases tious diseases r infectious diseases	
7 8 9 10 11 12 13 14 15	nated out-of-	class	Yorifumi Sa Masanori Ik Yasuhito Ta Ryuji Kubot Seiji Okada Hirotaka Ma Hirotomo N • This cour frames), 60	to [eE-O] eda [eE-O] inaka [eE-O] a [eE-O] detsui [eE-O] akata [eE-O] se consists of content that requires hours (or hours of pre- and post-study (including assets)	Retro Mole Hepa Virus Anim Role Nosc	ecular patho atitis viruses s-induced no all model re s of laborato ocomial/opp urs) of study	ons and latence genesis of heperand Liver cand eurological diseasearch in infectory medicine for portunistic infectors. Since the class	eatitis viruses eer eases tious diseases r infectious diseases ction s is 30 hours (2h x 15	
7 8 9 10 11 12 13 14 15 Estim	nated out-of-		Yorifumi Sa Masanori Ik Yasuhito Ta Ryuji Kubot Seiji Okada Hirotaka Ma Hirotomo N • This cour frames), 60 necessary to	to [eE-O] eda [eE-O] inaka [eE-O] a [eE-O] detsui [eE-O] akata [eE-O] se consists of content that requires hours (or hours of pre- and post-study (including assets)	Retro Mole Hepa Virus Anim Role Noso 90 housignme	ecular patho ecular patho atitis viruses s-induced no nal model re s of laborato ecomial/opp urs) of study nts) is nece	ons and latence genesis of heperand Liver cand eurological diseasearch in infectory medicine for portunistic infectors. Since the class	eatitis viruses eer eases tious diseases r infectious diseases ction s is 30 hours (2h x 15	

Enrollment Conditions(履修 条件)	Have basic knowledge concerning what is taught in this course.
Assessment Methods and Criteria(評価方法・基準)	This class consisted of a series of omnibus lectures by 15 lecturers as listed in the schedule. Evaluation will be done based on active class participation, examination test and/or report for subjects by each lecturer. In order to get credits students have to take more than 2/3 lectures. Grading will be based on the average of top 10 scores among ones obtained by the student.
Language Used in Instruction(使用言語)	English
Textbook/Material Language(教科書・資料の言語)	Combination of Japanese and English
Course Based on Practical Work Experience(実務経験 を活かした授業)	Not applicable