rse number	Name of the Course			Japanese Name		
HE33013	Practice of Medical Microbiology		ology	病原微生物学実習		
Class	Unit	Module	Week	Time	Room	
B rd year	1.5	Spring AB	Intensive	4-5 th Fri. 5-6 th	4B112	
			e et al.			
l:morikawa.kaz	zuya,ga@u.tsukuba.ad	e.jp				
tives						
biology, includ vation of parasit	ing identification m es etc.	ethods of pathog	enic bacteria, mea		-	
-	-]English、 ☑Bi				
日程	担当教員		ł	受業概要		
1 st week (5/21-5/25)	Saito et al.		 protozoa, malaria helminth, parasites eggs Anisakis 			
2 nd week (5/29-6/2)	Morikawa et :	al. •	 Observation of fungal pathogens 			
3 rd week (6/5-6/9)	Morikawa et a	al. ·	 Identification of pathogenic bacteria II Detection of bacterial toxins 			
els for credit needed	subjects of	Sch. Med. Sci.)	1) At least 2/3	attendance to the	-	
Fext and naterials	Photocopies					
le evaluation	examinatio	ns may be unde		llar subjects. For t		
	HE33013 Class Class B rd year actors (Office a Morikawa, Sh :4B407 1: morikawa.kaz ourse covers pr biology, includ vation of parasit uage: ☑ / 日程 1 st week (5/21-5/25) 2 nd week (5/29-6/2) 3 rd week (6/5-6/9) ls for credit needed Cext and	拒33013Practice of MClassUnitStart year1.5actors (Office • Tel • email • Offica • Morikawa, Shinji Saito, Miki Gotoa Morikawa, Shinji Saito, Miki Goto: 4B407I: morikawa.kazuya,ga@u.tsukuba.actrivesourse covers practical medical-microourse covers practical medical-micro1st week(6/5-6/9)Minimal reSubmissionCext and haterialsIn addition	E33013 Practice of Medical Microbi- Class Unit Module grd year 1.5 Spring AB actors (Office • Tel • email • Office hour) a Morikawa, Shinji Saito, Miki Goto, Masato Higashid : 4B407 a Morikawa, Shinji Saito, Miki Goto, Masato Higashid : 4B407 i: morikawa.kazuya,ga@u.tsukuba.ac.jp tives ourse covers practical medical-microbiology technique pology, including identification methods of pathogy pathogy ardie gei? / Japanese, English, ZBi 1st week (5/21-5/25) Saito et al. . . 2 nd week Morikawa et al. . . . (5/29-6/2) Morikawa et al. . . . 3 rd week Morikawa et al. . . . (6/5-6/9) Minimal requirement for subjects of Sch. Med. Sci.): Submission of reports evalue ext and haterials Photocopies In addition to performant	EE33013 Practice of Medical Microbiology Class Unit Module Week grd year 1.5 Spring AB Intensive actors (Office · Tel · email · Office hour) a Morikawa, Shinji Saito, Miki Goto, Masato Higashide et al. :4B407 I: morikawa, Shinji Saito, Miki Goto, Masato Higashide et al. :4B407 I: morikawa, kazuya, ga@u.tsukuba.ac.jp itives ourse covers practical medical-microbiology techniques. Students will leap biology, including identification methods of pathogenic bacteria, mea ration of parasites etc. Image: 2 / □Japanese, □English, ZBilingual 日程 担当教員 f 1 st week · protozoa, mal · helminth, par (5/21-5/25) Saito et al. · Identification 2 nd week Morikawa et al. · Identification 3 rd week Morikawa et al. · Identification (6/5-6/9) Morikawa et al. · Identification 3 rd week Minimal requirement for credit grant (cr (b) for credit Subjects of Sch. Med. Sci.): 1) At least 2/3 needed Photocopies In addition to performance in the class	E33013 Practice of Medical Microbiology 病原微生物学: Class Unit Module Week Time g^{rd} year 1.5 Spring AB Intensive $4-5^{rh}$ rators (Office - Tel - email - Office hour) a Morikawa, Shinji Saito, Miki Goto, Masato Higashide et al. :48407 : 48407 Imorikawa, kazuya,ga@u.tsukuba.ac.jp imorikawa, kazuya,ga@u.tsukuba.ac.jp imorikawa, kazuya,ga@u.tsukuba.ac.jp tives ourse covers practical medical-microbiology techniques. Students will learn fundamental techricology, including identification methods of pathogenic bacteria, measurement of antibic ation of parasites etc. uage: ✓ / Japanese, English, ØBilingual 日程 担当教員 fexee · protozoa, malaria · 1 st week Saito et al. · Identification of pathogenic · Observation of fungal pathoge (5/21-5/25) Morikawa et al. · Identification of pathogenic · Observation of fungal pathoge 3 rd week Morikawa et al. · Identification of pathogenic · Detection of bacterial toxins 3 rd week Minimal requirement for credit grant (criteria common to subjects of Sch. Med. Sci.):	