## 臺北醫學大學\_\_\_\_\_學年度第\_\_\_/\_\_\_學期期末考試 命 題紙

Γ	系 .	双科	E	授課教	師考	故	E	期	學	號	姓	名
ľ	712	12种统数	爱.	周季节	92	- 年/_月	/ 2_日第	節				•
-	<u>1</u> *①	請注意本試品		。如發現頁 !)、(姓名)	數不足及	<b>及空白頁或</b>	缺印・應	當場請习	<b>ド補齊・</b>	否則缺少部份概」	<b>以零分</b> 計	0
ı	$\sim \omega$	母戏似斑疹不	罗沙)妈妈(李须	;) `(##10)								

### ◆ 下列問答題請將答案寫於答案紙

- 請說明何謂 major histocompatibility complex (MHC), 其分類及其抗原呈現之 路徑。 (12%)
- 2. 請說明何謂 human leukocyte antigens (HLA)的多型性(polymorphism),及其在個體演化遺傳上之重要性。 (8%)
- 3. 請簡單說明 endothelial injury 導致 atheroma 形成之病理機制。 (10%)
- 4. 請舉例說明口腔中之細菌感染可能引發心血管疾病之病理機制。 (10%)
- 5. a. 請列出 early-onset periodontitis 之主要致病菌。(3%)
  - b. 請列出 Adult periodontitis 之主要致病菌 (Very strongly and strongly suspected pathogens)。(5%)
- 6. 請簡述因細菌感染牙周組織而引起牙周組織之免疫發炎反應。 (10%)

### ◆ 選擇題請將答案寫於第三頁之選擇題答案欄

#### 謝老師的考題

- 1. Which cells have the function of phagocytosis in the lesions of endodontic origin? (2%)
- 1. Neutorphils & T cells
- 2. Neutorphils & Eosinophils
- 3. Neutorphils & Monocyte
- 4. B cells & Eosinophils
- 2. Which cell have the function of immediate-type hypersensitivity(2%)
- 1. Neutorphils
- 2. Eosinophils
- 3. B cells
- 4. T cells
- 3. Which kinds of antibody will be secreted by plasma cells in the lesions of endodontic origin? (2%)
- 1. Ig M, Ig G
- 2. Ig G, Ig A
- 3. Ig A, Ig M
- 4. IgG, IgM, IgA

4	is expressed at very high levels on osteoclastic precursors and on
mature osteoc	lasts, and is required for differentiation and activation of the osteoclas
(00/X = A	· ·

- 1. RANK
- 2. RANKL
- 3. OPGL
- 4. OPG

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級	科	且	授課	教師	考	试	日	期	學		號	姓	
	口腔纵冕		用耳	专	924	/月	12_日第	節					
1	注意本試題共_	4_張		4	」、 不足及空	白頁或	缺印・ 腹	當場請	求補齊	・否則缺少	部份概	以零分計。	)
<b>Ž</b>	張試題卷務必填	寫(學號	!)、(姓	名)。									
5		ons as a s	soluble (	decoy re	eceptor fo	r RANK	L (2%)						
	RANK												
	RANKL												
	OPGL												
4.	OPG						•						
	Which statement is												
1.	The lysis of gram	_						ccharide					
	(LPS;endotoxin)												
2.	One of the known	function	of LPS	is the s	timulatio	n of bone	resorption	on by					
	osteoclast.												
3.	The LPS binds to				-								
	in turn, binds to a	receptor	molecu	le (CD1	4) found	on the su	rface of l	body defe	ense				
	cells called macro												
4.	This triggers the n	nacropha	ges to re	elease v	arious de	fense reg	ulatory c	hemicals					
	called cytokines, i	including	IL-1, II	L-6, IL-	8, TNF-a	pha, and	PAF.						
				•									
賈	老師的考題												
7.	If you wish to dete the highest conce a. Parotid's aliva b. Sublingual salic. Submandibular d. Crevicular flui e. No IgG can be	entration iva. r saliva d.	of IgG ?	2%	oral cavi	y, where	will you	expect to	find				
α .	The compostion th	at provid	a lubrica	ntion of t	the colive	in 2 7 4							
8.	a. Proline-rich pro		e iudiica	111011 01 1	uic saiiva	18: 2/	v						
, ·	<ul><li>b. glycoprotein</li><li>c. Amylase</li></ul>												
	d. Statherin												
	e. Lactoferrin.												
9.	Which of the follows:  1. is one of th 2. is glucose the significant of the significant of the following significant of the followin	e major c nomopop and fructo zed by glu	onstitue lymer ose heter ucosyltra	nt of der ropolym ansferas	ntal plaquers ers e with su	e crose as s	substrate						
	5. is synthesiz a. 1 and 2.	ed by glu	ıcosultra	asferase	with gluo	ose as su	ibstrate						
	b. 1, 3, 4.									,			
	c. 1, 2,5. d. 1 and 3.												
	e. 1, 2, 4.												
10	A state, that host ar	nd flora e	vict in ct	ahla hal	anaa ia aa	lled a	/						
,0.	a. Synergism	id Hola C	V12f 111 2f	auic vai	ance is ca	aica 2,	0		•				
	b. Symbiosis												
	c. Antibiosis d. Antagonism					*							
	e. Amphibiosis.									1			ç
				1									`
				/									

# 臺北醫學大學\_\_92\_學年度第\_\_/\_\_學期期中考試。命 題紙

极	科		A	投	果 教 i	師 考	试		日	期	學	: 		號	丛		2
回		级冕		18	李		年_/				ñ						
つ語	注音本語	式題共 4	張	・如影	現頁	数不足及	空白頁	<b>议缺</b> F	D·用	當場請	求補?	齊・否則	川缺少部	份概」	<b>义零</b> 分計	- 0	
2)每	· 張試題*	<b>多務必填寫</b>	(學號	) \ (	<u> 姓名)</u>	•											
11.	Which of	the followir	ig spec	ies is	the firs	t colonize	r for sup	raging	ival p	laque 2	%						
	a. mutar	s streptococ tococcus sar	C1														
	c. Strept	ococcus sal	ivarius														
	d. Strep	tococcus me	lleri														
15	e. Actin	the following	ng state	ement	is true	about pho	sphotran	sferas	se sys	em PEP	-PTS '	? 2%					
1,54	a ican	octive transn	ort svs	tem o	เรนเบเ	OCOCCI IOI	Jugui										
	a ic an	active transpactive transpactive transp	ort svs	tem of	strept	ococci ioi	annino a	cid									
	dicam	etabolic nat	hwav t	or am	ino aic	a in G (-)	Dacteria										
		etabolic pat								) /							
13.	"Subsurf	ace deminer	alizatio	n" of	smootl	surface (	of tooth n	neans namel	? 2 I	/o							
	h An in	ecalcification tact or remine	neraliz	ed sut	ace is a	nways pre	sem.										
	c The a	cid concenti	ation i	s high	er in th	ie inner su	rrace or o	laver	el.							•	
	d. The c	alcium conc acteria can p	entrati benetra	on is i ite the	ngner ename	ni nie oute I surface a	and destro	y the	inner	layer of	ename	el.					
	O. 1110 C																
1/L	The Miti	s-Salivarius	-Bacitr	acin (1	MSB) a	agar for St	reptococ	cus m	utans	is a?2	%		•				
17.	a. comp	olex medium	1	•	•	*											
	b. enric	hed medium ed medium	1														
	d. selec	tive mediun															
	••	rential media			•					~ W							
15.	Which o	f the followi	ng stat	ement	(s)abo	ut secreto	ry IgA is	(are)	true ?	2%							
	2 [	t has two su Jsually occu	ırs as d	limer.													
	3. 1	gA2 is partic	cularly	sensit	ive to	G (-) bacte	erial prot	ease.									
	4. 1	gA1 predom Secretory con	nnates mpone	ın sar nt incı	iva. ease th	e resistan	ce to pro	eolyti	ic enz	ymes.							
	a. 1 + 1	2					-	_									
	b. 1 + c. 1 +2																
	d. 1 +	2 + 5	_									•					
	e. 1 + :	2+3+4+	5														
		6.1 6.11-		41	ant im	nortant de	fense me	chanie	sm fo	secreto	rv IøA						
16	, Which in oral	of the follog	wing is	ine iii	ost mi	portant uc	iciisc inc	CHAIN	3111 10	booroto	-, -6						
	a. Dire	ct killing of	bacteri	ia.													
	b. Prev	ention of at	tacnme ivation	ent. 1													
•	d Ops	onization.			<b></b>												
	e. Inac	tivation of b	acteria	ı enzy	mes.												
選	<b>澤題答</b>	<b>科欄</b>															
				,													
. 1	2.	3.	4.		5	6.	7.	8.	9,	10.							
· <u>, e</u>																	
11.	12.	13.	14.	15	i	16.	<b>-</b> , -										
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## 臺北醫學大學 92 學年度第 / 學期期中考試 命 題紙

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	系	W	科	目	授課教師	考	試	Ħ	期	學	號	姓	名
	和		口腔微冕		固幸華	92 <sub>年</sub>	/_月_	12 日第_					
	*(1) (2)	請短	注意本試題共 <u>华</u> 張試題卷務必填寫	張 (學號	。如發現 <b>頁數</b> 7 !)、(姓名)。	足及空	白頁或铂	決印・應省	曾場請习	ド補齊・	否則缺少部份概以	<b>义零分計</b>	0

### 王老師的考題

- ◆ 下列問答題請將答案直接寫於試題下方之空白處
  - 1. Describe the importance of Candida spp in the oral infection. 5%

- 2. Describe 2 mechanisms (indirect) that may be involved the pathogenesis of periodontal disease caused by herpesviruses. 7%
- A Hadle & Logic

L vitaga estimat

- 1. Manual marine
- 2. Terkingson
- 5. Paris
- s. Inch
- I Which by the come
- rajodemi, mini
- A. Igida B. V
- 2.186 GeV

第二款 医八层形

- A. PARAGO
- (2%)
- I. RANK
- 2. RAHKL

Military Contract

3. OPGI

第(4之4)頁