

Name EES : Sétif 1 University Ferhat Abbas Department : Biochemistry

SYLLABUS OF THE SUBJECT
(to be published on the institution's website)

Subject title
Immunophysiopathology

LECTURE TEACHER		Name of the teacher : Arrar Lekhmici			
		Reception of students per week			
Email	lekhararr@univ-setif.dz	Day	sunday	Hour	10 h
office phone		Day		Hour	
Secretarial phone		day		Hour	
Autre	0666466220	building		Desk	

TUTORIALS (Reception of students per week)	
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

[illegible]

PRACTICAL WORK (Reception of students per week)	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

[illegible]

COURSE DESCRIPTION	
Objectives	This immunophysiopathology course aims to provide students with training in the physiology of pathologies of the immune system (autoimmunity, immune deficiencies, allergies)
Type Teaching Unit	Fundamental Unit
Brief content	Hypersensitivity cases Auto Immunity and autoimmune diseases Primary and secondary immunodeficiencies
Subject credits	08
Material coefficient	04
Weighting Participation	
Attendance Weighting	
Average DC Calculation	
Targeted skills	

EVALUATION OF CONTINUOUS KNOWLEDGE TESTING							
FIRST KNOWLEDGE EXAM							
DAY	Session	Durati on	Type (1)	Authoriz ed Doc (Yes, No)	Scale	Exchange after evaluation (date Consult. copy)	Evaluation criteria (2)
		1 h 30	E	No	YES	One day after posting	S
DEUXIEME CONTROLE DE CONNAISSANCES							
DAY	Session	Durati on	Type (1)	Authoriz ed Doc (Yes, No)	Scale	Exchange after evaluation (date Consult. copy)	Evaluation criteria (2)
		1 h 30	E	No	YES	One day after posting	S

(1) Type : E=écrit, EI=exposé individuel, EC=exposé en classe, EX=expérimentation, QCM

(2) Critères évaluation : A=Analyse, S=synthèse, AR=argumentation, D=démarche, R=résultats

EQUIPEMENTS ET MATERIELS UTILISES	
Platform Addresses	Moodle
Application Names (Web, local network)	Faculty website
Handouts	IN SLIDES FORM
Laboratory equipment	

Protective materials	
Field trip materials	

EXPECTATIONS	
Expectations of students (Participation-involvement)	Active participation, discussion, guided questions/answers
Teacher expectations	Good preparation and mastery of the material, open mind, good management and orientation of discussions

BIBLIOGRAPHY	
Books,thesis and digital resources	Kuby Immunology (2006) 6th Ed. By Kindt TJ,, Osborne BA, Goldsby RA W. H. New York. Immunologie fondamentale et immunopathologie Enseignements thématique et intégré Tissu lymphoïde et sanguin, Immunopathologie et immuno-intervention (2018) Carcelain A, Chevailler S, Fournel B, Gubler J-D, Seillès E, Vitte J, 2nd ed. Elsevier Etude des anticorps anti-xanthine oxydoréductase dans les serums et liquides synoviaux de sujets atteints de pathologies rhumatoïdes (2002) Arrar Lekhmici Doctorat d'Etat, Setif 1 University
Items	Antibodies to Sperm Basic Nuclear Proteins Detected in Infertile Patients by Dot-Immunobinding Assay and by Enzyme-Linked Immunosorbent Assay (1989) R Rousseaux-Prevost, M De Almeida, L Arrar, P Hublau, .American Journal of Reproductive Immunology 20 (1), 17-20 Relationship between levels of IgG and IgM and IgM rheumatoid factor in human sera (1995) L Arrar, L Selloum, A Maiza, A Touabti, M Allali, K Guenfoud Biochemical Society Transactions 23 (3), 475S-475S Circulating anti-(xanthine oxidoreductase) antibodies in healthy human adults (1997) M Benboubetra, A Gleeson, CPD Harris, J Khan, L Arrar, D Brennand, European journal of clinical investigation 27 (7), 611-619
Handouts	//
Web sites	https://nursekey.com/myasthenia-gravis-2/ https://www.edhacare.com/fr/treatments/rheumatology/lupus-erythematosus https://www.mayoclinic.org/diseases-conditions/lupus/symptoms-causes/syc-20365789 https://www.elsan.care/fr/pathologie-et-traitement/cancers/leucemie-definition-traitements

Wet stamp of the department