

## LETTER REGARDING THE FINAL IMMUNOLOGY EXAM

To run the final exam as smoothly as possible, please note the following:

**FIRST:** this letter contains the official information about the exam. The information here is agreed upon by Dr Issa, Dr Malik and Dr Heyam.

**SECOND:** The clinical cases covered in the midterm material are not required for the final exam.

AS such the midterm material required for the final immunology exam includes the following topics:

1. Innate immune system ( handouts 1, 2 and 3 but the cases are excluded) Dr Issa's sheets: 1 and 2
2. B cells and immunoglobulins ( handout 5 and 6), sheet 5
3. Antigen presentation (handout 8, sheet 7)
4. T cells( handout 10, sheet 9)
5. secondary lymphoid organs ( handout 12, sheet 11)

**THIRD :** The three course instructors will discuss all the exam questions to make sure that the content of the questions is covered by all instructors to all sections.

I detailed the sources you need to study from in the table below.

**Please note that the book is our source for the clinical cases**, so there won't be a problem with these. For the midterm material we will make every possible effort to ensure that the questions are fair and covered in all sections.

**Regarding the material covered by one instructor, that instructor is responsible for the questions about his lectures.**

**There were 5 lectures in the final material covered by both Dr Malik and Dr Issa, three of these are clinical cases, please refer to the clinical cases book about these. The book is the source you need to know.**

The other two lectures are: immunodeficiency and cancer immunology. To decrease the discrepancies and unify the source, we agreed that **Dr Malik will put the questions for the immunodeficiency lecture ( 3 questions), so your source for these is Dr Malik's sheet which is already on your website** and it was corrected by Dr Malik himself.

**Regarding the cancer immunology lecture, Dr Issa will put the three questions of this lecture, so the reference for this is Dr Issa's sheet.**

**This means: ALL SECTIONS NEED TO STUDY DR MALIK'S IMMUNODEFICIENCY LECTURE AND ALL SECTIONS NEED TO STUDY DR ISSA'S CANCER IMMUNOLOGY LECTURE.**

We hope unifying the source will make things easier for all.

**FOURTH:** the question distribution is detailed in the table below.

TOPIC	Source	Number of question	Distribution
<b>Mid material</b>	See note above for details	16	8 Dr Issa 8 Dr Heyam
Restraining the immune system	Handout 14 Sheet 13	8	4 Dr Issa 4 Dr Heyam
Tolerance and MHC restriction	Handout 15 Sheet 14		
GVHD	Handout 16 Sheet 15		
amyloidosis	Handout 18	6	Heyam
Immunologic memory and vaccines	Handout 14		
Graft rejection	Handout 17		
Immune system gone wrong	Dr Malik's lectures	4	Dr Malik
SLE		1	
Anaphylactic shock Myasthenia Gravis AIDS ( CASE STUDY)	Clinical cases book	4	2 Dr Issa 2 Dr Malik
Immunodeficiency	Dr Malik's sheet	3	Dr Malik
Immune system and cancer	Dr Issa's sheet	3	Dr Issa
immunopharmacology	Dr Malik Zihlif lectures	5	Dr Malik ihlif

PLEASE DON'T HESITATE TO ASK IF YOU NEED ANY CLARIFICATIONS.

GOOD LUCK

Dr H Awad