

Week 1

FUNDAMENTALS IN IMMUNOLOGY AND INFECTION (13th edition)

Braga, September 27- October 15, 2021

Monday (27/09)

Tuesday (28/09)

Wednesday (29/09)

Thursday (30/09)

Friday (01/10)

<i>Introduction to the course</i>	<i>Innate Immunity II</i>	<i>Journal club preparation</i>	<i>Journal club presentation</i>	Sessão de acolhimento
9:00 – 10:30 Course presentation <i>Egídio Torrado & Agostinho Carvalho</i>	09:00 – 10:15 Cellular mediators of the innate response and anti-microbial mechanisms <i>Jorge Pedrosa</i>		9:00 – 10:30 Journal Club <i>(Presenting: gp1 and gp2)</i> <i>Agostinho Carvalho & Ricardo Silvestre</i>	
	10:15 – 11:30 Humoral mediators of the innate response <i>Agostinho Carvalho</i>		10:30-11:00 Coffee break	
10:45 – 12:15 Infectious Diseases and Population health <i>Margarida Correia-Neves</i>	11:30-11:45 Coffee break		11:00 – 12:30 Journal Club <i>(Presenting: gp3 and gp4)</i> <i>Agostinho Carvalho & Ricardo Silvestre</i>	
	11:45 – 13:00 Genetic determinants of susceptibility to infection <i>Agostinho Carvalho</i>			
Lunch				
<i>Innate immunity I</i>	<i>Journal club preparation</i>	<i>Journal club preparation</i>	<i>Journal club presentation</i>	Sessão de acolhimento
14:00-15:15 Introduction to the immune system: anatomo-physiology of the immune response <i>Egídio Torrado</i>			14:00 – 15:30 Journal Club <i>(Presenting: gp5 and gp6)</i> <i>Agostinho Carvalho & Ricardo Silvestre</i>	
15:15 – 16:30 Pathogen recognition <i>Ricardo Silvestre</i>			15:30-16:00 Coffee break	
16:30-16:45 Coffee break			16:00 – 19:00 Practical session I: Basic techniques in microbiology and immunology <i>Belém Marques & Isabel Veiga</i>	
16:45 – 18:00 Cell death and autophagy in infection and disease <i>Paula Ludovico</i>				

Week 2

Monday (04/10)

Tuesday (05/10)

Wednesday (06/10)

Thursday (07/10)

Friday (08/10)

<i>Acquired immunity I</i>	<i>Holiday</i>	<i>Journal club preparation</i>	<i>Journal club presentation</i>	<i>Dia da Escola de Medicina</i>
			9:00 – 10:30 Journal Club <i>Presenting: gp6 and gp5</i> Egídio Torrado & Alexandra Fraga	
10:15 – 11:30 Methods and models in immunology and infection Egídio Torrado			10:30-11:00 Coffee break	
11:30-11:45 Coffee break			11:00 – 12:30 Journal Club <i>(Presenting: gp4 and gp3)</i> Egídio Torrado & Alexandra Fraga	
11:45 – 13:00 The bridge between innate and acquired immunity Egídio Torrado		11:45 – 13:00 T and B cell ontogeny Margarida Correia-Neves		
Lunch				
<i>Acquired immunity II</i>	<i>Holiday</i>	<i>Journal club preparation</i>	<i>Journal club presentation</i>	<i>Dia da Escola de Medicina</i>
14:00-15:15 Effector T cell and B cell differentiation and response Gil Castro & Egídio Torrado			14:00 – 15:30 Journal Club <i>(Presenting: gp2 and gp1)</i> Egídio Torrado & Alexandra Fraga	
15:15 – 16:30 Immunomodulation Gil Castro & Egídio Torrado			15:30-16:00 Coffee break	
16:30-16:45 Coffee break			16:00 – 19:00 Practical session II: Kinetics of the inflammatory response Alexandra Fraga & Egídio Torrado	
16:45 – 18:00 Immunometabolism Ricardo Silvestre				

Week 3

Monday (11/10)

Tuesday (12/10)

Wednesday (13/10)

Thursday (14/10)

Friday (15/10)

<i>Laboratory insights</i>	<i>Written examination</i>	<i>Essay preparation</i>	<i>Essay preparation</i>	<i>Essay presentation</i>
09:00 – 10:15 Translation in immunology and infectious diseases <i>Pedro Ferreira</i>	10:00 – 12:00 Written examination <i>Agostinho Carvalho</i>			9:00 – 10:30 Essay presentation (Presenting: gp1 and gp2) <i>Egídio Torrado & Agostinho Carvalho</i>
10:15-10:30 Coffee break				10:30-11:00 Coffee break
10:30 – 13:00 Practical session III: Cell analysis by flow cytometry <i>Cláudia Nóbrega</i>				11:00 – 12:30 Essay presentation (Presenting: gp3 and gp4) <i>Egídio Torrado & Agostinho Carvalho</i>
Lunch				
<i>Laboratory insights</i>	<i>Essay preparation</i>	<i>Essay preparation</i>	<i>Essay preparation</i>	<i>Essay presentation</i>
14:00-15:15 The use of eukaryotic unicellular organisms as models <i>Paula Ludovico</i>				14:00 – 15:30 Essay presentation (Presenting: gp5 and gp6) <i>Egídio Torrado & Agostinho Carvalho</i>
15:15-15:30 Coffee break				
15:30 – 18:00 Practical session IV: Ex-vivo models in immunology <i>Joana Gouveia & Cristina Cunha</i>				