



University of Minho
School of Medicine

FUNDAMENTALS IN IMMUNOLOGY AND INFECTION

November 03 - 21, 2025 ::: 17th Edition

Day	Start	End	Theme
03-11-2025	09:00	09:30	Course presentation
	09:30	11:00	Introduction to the immune system
	11:00	12:30	Pathogen Recognition
	14:30	16:00	Cellular mediators of the innate response and anti-microbial mechanisms
04-11-2025	09:00	10:30	Methods and Models in Immunology and Infection
	11:00	12:30	Humoral mediators of the innate response
	14:00	15:30	Genetic determinants of susceptibility to infection
	16:00	17:30	Cell death and autophagy in infection and disease
06-11-2025	09:00	10:30	Journal club
	11:00	12:30	Journal club
	14:00	16:00	T and B cell ontogeny
07-11-2025	09:00	12:00	Practical session I: Basic techniques in microbiology and immunology
	14:00	17:00	Practical session II: Kinetics of the inflammatory response
10-11-2025	09:00	10:30	The bridge between innate and acquired immunity
	11:00	12:30	Effector T cell and B cell differentiation and response
	14:00	15:30	Immunomodulation
	16:00	17:30	Immunometabolism
11-11-2025	09:00	10:30	Clinical applications of immunotherapy in cancer and chronic inflammatory/autoimmune diseases
	11:00	12:30	Translation in immunology and infectious diseases
12-11-2025	09:00	10:30	Journal club
	11:00	12:30	Journal club
	14:00	15:30	Journal club
13-11-2025	09:00	10:30	Practical session III: Cell analysis by flow cytometry
	14:00	17:00	Practical session IV: <i>Ex-vivo</i> models in immunology
17-11-2025	14:00	16:00	Written examination
21-11-2025	09:00	10:30	Essay presentation
	11:00	12:30	Essay presentation
	14:00	15:30	Essay presentation