

GRADUATE PROGRAM "THE MOLECULAR BASIS OF HUMAN DISEASE"

**GRADUATE COURSE MBNA-104: "AUTOIMMUNE/INFLAMMATORY AND INFECTIOUS DISEASES"
ACADEMIC YEAR 2014-2015**

Course code: MBNA-104
Course director: P. Verginis
Course co-directors: V. Panoutsakopoulou, P. Sidiropoulos, G. Sourvinos & G. Hamilos
Course objectives: -To provide knowledge of basic and advanced immunology and of immune mechanisms in health and disease
 -To expose the students to the field of immunological research
 -To help the students understand the in vitro and in vivo experimental approach and methodology, as well as the use of certain animal models
 -To familiarize the students with the bibliography and direct them to critical analysis of publications in journals of the field
 -To provide the necessary scientific background and important information on the international field for students who wish to have a future career in immunological research
Reading material: Original papers, review articles, notes
Examination: Paper presentations, one final written exam

Date	Room	Time	Instructor	Lecture
8/1/15	7A-0.1 7A-0.1	09:30-12:30 13:30-16:30	D. Mastellos G. Xanthou	Lymphoid Organs Cells and molecules of the immune system
9/1/15	7A-0.1 7A-0.1	10:00-13:00 14:00-18:00	D. Mastellos N. Paschalidis	Complement T cell immune response (Focus on T helper cells)
12/1/15	7A-0.2 7A-0.1	10:00-12:00 16:00-18:00	P. Verginis I. Chatzidakis	In vitro and in vivo assays to monitor immune responses T and B lymphocyte tolerance: an overview
14/1/15	7A.0.2 7A-0.1	10:00-12:00 14:00-16:00	C. Tsatsanis G. Bertias	Signal transduction pathways during an immune response Regulation of immunological responses through costimulatory receptors
15/1/15	7A.0.1	10:00-12:00	C. Spilianakis	Transallelic phenomena and transcriptional regulation in the adaptive immune system
20/1/15	7A-0.1	11:00-13:00	P. Sidiropoulos	Autoimmunity diseases
22/1/15	7A.0.1	10:00-12:00	G. Goulielmos	Autoinflammation and autoinflammatory diseases
26/1/15	7A-0.1	10:00-13:00	G. Wilkinson	Introduction to Virology – Focus on History and Methodology
27/1/15	7A-1.1	10:00-12:00 14:00-16:00	G. Wilkinson G. Hamilos	Virus and Immune System – Intrinsic, Innate, Adaptive Immunity Dendritic cells
28/1/15	7A-0.1	10:00-13:00	G. Wilkinson	

29/1/15	7A-0.1	10:00-13:00	G. Wilkinson	Review Research
	7A-0.2	14:00-1600	P. Latge	Host-Fungal Interplay: Testing the Fungal Cell Wall
30/1/15	7A-0.1	10.00-12.00	K. Stamatopoulos	Ανοσοπαθογένεση και βιολογική θεραπεία της χρόνιας λεμφοκυτταρικής λευχαιμίας
		13:00-15:00	A. Antoniou	The role of autoimmunity in the pathogenesis of pulmonary fibrosis
2/2/15	7A-1.1	10:00-16:00	P. Verginis	Students' Presentations
3/2/15	7A-0.1	10:00-16:00	P. Verginis	Students' Presentations
4/2/15	7A-0.1	10:00-16:00	P. Verginis	Students' Presentations
5/2/15	7A-0.1	10:00-16:00	P. Verginis	Students' Presentations
10/2/15	7A-0.1	10:00-15:00		EXAM

Contact information

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