

IMMUNOLOGY II

Spring Semester 2004

Tuesdays and Thursdays 10:30 to 11:50 Room 3189 ML

Course Director: Morris Dailey 364 MRC 335-8184

<u>Date</u>	<u>Faculty</u>	<u>Topic</u>
Jan. 20	Morris Dailey	Overview of Structure and Function in the Immune System
Jan. 22	Morris Dailey	Inflammatory Responses and their Functions in vivo
	Morris Dailey	Laboratory microscope demonstrations of inflammation
Jan. 27	Morris Dailey	Lymphocyte Traffic and Recirculation in vivo
Jan. 29	Morris Dailey	Intercellular Adhesion: Leukocyte Adhesion Receptors
Feb. 3	Morris Dailey	Intercellular Adhesion: Leukocyte Adhesion Receptors
Feb. 5	Morris Dailey	Chemokines and their Role in Cell Migration and Localization
Feb. 10	Morris Dailey	Chemokines and Lymphoid Structure
Feb. 12	Morris Dailey	Regulation of adhesion molecule expression & Leukocyte Migration
Feb. 17	Jonathan Heusel	Viral pathogens and cellular components of the early immune response – NK cells, NK-T cells, and dendritic cells
Feb. 19	Jonathan Heusel	The immune response to herpesviruses – an example of host-pathogen detente
Feb. 24	Jonathan Heusel	Immune-mediated pathology in viral infections: hepatitis and HIV
Feb. 26	Morris Dailey	- exam -
March 2	Robert Ashman	T and B Cell Tolerance I
March 4	Robert Ashman	T and B Cell Tolerance II
March 9	Robert Ashman	T and B Cell Tolerance III
March 11	Robert Ashman	Mechanisms of Autoimmune Diseases I
-	<i>spring break</i>	-
March 23	Robert Ashman	Mechanisms of Autoimmune Diseases II
March 25	Fred Quelle	Cytokines and their Receptors I
March 30	Fred Quelle	Cytokines and their Receptors II
April 1	Fred Quelle	Cytokines and their Receptors III
April 6	Morris Dailey	- exam -
April 8	Mary Wilson	T cell Differentiation Pathways
April 13	Mary Wilson	T cell Differentiation Pathways
April 15	Mary Wilson	Host Response to Invading Pathogens
April 20	Mary Wilson	Immunoparasitology
April 22	Mary Wilson	Strategies for vaccine development
April 27	Gail Bishop	Viral strategies for outsmarting the immune system.
April 29	Gail Bishop	Virus interactions with B lymphocytes
May 4	Richard Lynch	The Mucosal Immune System
May 6	Richard Lynch	Principles of Tumor Immunology I
May 11	Morris Dailey	- final exam -