

Immunology I - Spring 2017

GS06 1013

Course Information

Meeting Place and Time:

Tuesday and Thursday from 9:00-10:30 in SCRB 1.1025

Text Book:

“Janeways’ Immunobiology” Eighth or Ninth Edition by K. Murphy
Lecturers may provide additional material.

Course information and updates, and class presentations will be available on Canvas
<https://www.uth.edu/canvas/login.htm>

Grading:

Three in class exams- equal value

Mixed format includes multiple choice, True/False, short answer

Grades will be based on the class distribution curve.

Each exam will cover only the material covered in the preceding lectures, although a good working knowledge of earlier concepts may be necessary to adequately answer questions.

Last day to drop class is on or before Jan 25th and will not appear on a student’s transcript. Classes dropped after this date will appear on the student's permanent record with a "WP" or "WF" grade until March 10th. After that date, no drops are allowed.

Faculty Help:

Feel free to contact individual faculty member to help with lecture material.

Course Coordinators:

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Teaching Assistant:

Rosa Santana Carrero

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Course Administrator Assistant:

April Ross

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Class Schedule

Date	Topic	Lecturer
Jan 10	Introduction/Overview	Schluns
Jan 12	Complement & Fc Receptors	Wetsel
Jan 17	Complement & Fc Receptors	Wetsel
Jan 19	Hematopoiesis (includes DC diff.)	Watowich
Jan 24	Phagocytes/Macrophages and Neutrophils	Watowich
Jan 26	Cytokine Signaling	Watowich
Jan 31	Innate Sensors/Pattern Recognition	Sun
Feb 2	Major Histocompatibility Complex	Lizee
Feb 7	Antigen presentation	Lizee
Feb 9	NK cells/ILCs	Paust
Feb 14	Exam 1	
Feb 16	Mechanisms of Antigen receptor rearrangement	Zhu
Feb 21	B cell development/Immunoglobulin	Zhu
Feb 23	B cell activation and memory	Zhu
Feb 28	T cell receptors	Zal
March 2	T cell development	Zal
March 7	T cell activation and signaling	Sun
March 9	Helper T cell subsets and differentiation	Nurieva
March 14	Spring Break	
March 16	Spring Break	
March 21	iNKT	Wenzel
March 23	T cell responses and generation of memory	Schluns
March 28	Exam 2	
March 30	Tregs	Tran
April 4	Allergy	Tran
April 6	Tolerance & Transplantation	Alatrash
April 11	Autoimmunity	Lewis
April 13	Mucosal immunity	Schluns
April 18	HIV/AIDS	Lewis
April 20	Immunodeficiency	Lewis
April 25	Cancer Immunotherapy-ACT, cytokines, vaccines	Curran
April 27	Cancer Immunotherapy-Checkpoint blockade	Curran
May 1-5	Exam 3	

Faculty Roster, Spring 2017

Lecturer Name	Dept. & University Affiliation	Location	Phone	Email
Al-Atrash, Gheath	StemCell Transplantation /MDACC	SCRB	713-563-3324	galatras@mdanderson.org
Curran, Michael	Immunology / MDACC	SCRB 3.2015	713-563-3286	mcurran@mdanderson.org
Lizee, Greg	Melanoma / MDACC	SCRB 2.3030	713-563-3431	glizee@mdanderson.org
Lee, Dean	Pediatrics / MDACC	MOD1.021	713-563-5404	dale@mdanderson.org
Lewis, Dorothy	Internal Medicine/UTHSC	MSB5. 113	713-500-6809	Dorothy.E.Lewis@uth.tmc.edu
Nurieva, Roza	Immunology / MDACC	SCRB 2.2019	713-563-3556	rnurieva@mdanderson.org
Paust, Silke	Pediatrics/Baylor	Feigin 330.02	832-824-2588	Silke.paust@bcm.edu
Schluns, Kimberly	Immunology / MDACC	SCRB 4.2021	713-563-3303	kschluns@mdanderson.org
Sun, Shao-Cong	Immunology / MDACC	SCRB 4.2019	713-563-3218	ssun@mdanderson.org
Tran, Dat	Pediatrics/UTHSC	MSB 3.020	713-500-5422	Dat.Q.Tran@uth.tmc.edu
Watowich, Stephanie	Immunology / MDACC	SCRB 4.3023	713-563-3262	swatowic@mdanderson.org
Wenzel, Pamela	Brown Foundation/IMM	IMM SRB 637A	713-500-3472	Pamela.L.Wenzel@uth.tmc.edu
Wetsel, Rick	Brown Foundation/IMM	IMM SRB 630A	713-500-2412	Rick.A.Wetsel@uth.tmc.edu
Zal, Tomasz	Immunology / MDACC	SCRB 4.3017	713-563-3252	tzal@mdanderson.org
Zhu, Chengming (Ben)	Immunology/ MDACC	SCRB 4.3019	713-563-3255	czhu@mdanderson.org