

**IMM201 PRINCIPLES OF IMMUNOLOGY Fall 2016 Syllabus****Lectures:** Tuesdays and Thursdays, 1:30-3:00pm (Discussion groups: 3:00-4:00pm)**Workshops:** See schedule below**First Meeting:** August 31st, 1:30 pm**Location:** Rosen Lecture Hall, Modell Center, Room 100A**Course Directors:** Thorsten Mempel & Uli von Andrian**Teaching Assistants:**

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<b>Date</b>	<b>Lecturer</b>	<b>Topic</b>	<b>Contact</b>
31-Aug	Mempel/von Andrian	Course Introduction	tmempel@mgh.harvard.edu
01-Sep	von Andrian	Overview of the Immune System	uva@hms.harvard.edu
06-Sep	Rossi	Hematopoiesis & Stem cells	derrick.rossi@childrens.harvard.edu
08-Sep	Kagan	Innate Sensing of the Microbial World	jonathan.kagan@childrens.harvard.edu
13-Sep	Hacohen	Dendritic cells	nhacohen@mgh.harvard.edu
15-Sep	Pillai	B Cell Development and Selection	pillai@helix.mgh.harvard.edu
20-Sep	Pillai	B Cell Activation and Differentiation	pillai@helix.mgh.harvard.edu
22-Sep	Alt	VDJ Recombination in B Cell Development	alt@enders.tch.harvard.edu
27-Sep	Alt	Antibody Class Switch Recombination	alt@enders.tch.harvard.edu
29-Sep	Carroll	Link between Innate and Adaptive Immunity	michael.carroll@childrens.harvard.edu
04-Oct	Carroll	B cell Acquisition of Antigen	michael.carroll@childrens.harvard.edu
06-Oct	TAs	<i>Review</i>	
11-Oct	TAs	<i>Midterm exam</i>	
13-Oct	Mempel	Microanatomy of the Immune Response	tmempel@mgh.harvard.edu
18-Oct	von Andrian	Homing and Lymphocyte Trafficking	uva@hms.harvard.edu
20-Oct	Serwold	T Cell Development and Selection	thomas.serwold@joslin.harvard.edu
25-Oct	Sharpe	T Cell Co-stimulation and Immune Regulation	arlene_sharpe@hms.harvard.edu
27-Oct	Mempel	Principles of the Anti-tumor Immune Response	tmempel@mgh.harvard.edu
01-Nov	Turka	T regulatory cells	lturka@partners.org
03-Nov	Wucherpfennig	MHC Class I and II Antigen Presentation	kai_wucherpfennig@dfci.harvard.edu
08-Nov	Wucherpfennig	T Cell Recognition of Antigen	kai_wucherpfennig@dfci.harvard.edu
10-Nov	Brenner	Innate lymphocytes and NK T cells	mbrenner@research.bwh.harvard.edu
15-Nov	Ploegh	Viral immune evasion	ploegh@wi.mit.edu
17-Nov	Kuchroo	T Cell Subsets	vkuchroo@rics.bwh.harvard.edu
22-Nov	Lieberman	Programmed Cell Death and Cytotoxic Lymphocytes	judy.lieberman@childrens.harvard.edu
24-Nov		<i>Thanksgiving</i>	
29-Nov	TAs	<i>Review</i>	
01-Dec	TAs	<i>Final exam</i>	

**WORKSHOPS (Mondays, 4:30-6:00pm)**

<b>Date</b>	<b>Lecturer</b>	<b>Topic</b>	<b>Location</b>
09/19	von Andrian	Tissue Anatomy	NRB 836
10/17	Rossi	Flow Cytometry and Cell Sorting	WAB/Modell Center 100A
10/24	Kissler	The Why and How of Customized Genetic Mouse Models	WAB/Modell Center 100A