

# IMM340H1F 2018-2019 Course Syllabus

**Course Coordinator:** T. Mallevaey

**Additional Contact:** L. Clemenza

<u>Lecturer</u>	<u>Phone</u>	<u>Email</u>
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M. Ratcliffe	(416) 978-2773	michael.ratcliffe@utoronto.ca

**Class Time:** Thursday, 10am-12pm, Location MS2158 MacLeod Auditorium

**Tutorial:** Mondays, 4-5pm, Location MS2158 MacLeod Auditorium (L. Clemenza)

We will be using the Top Hat ([www.tophat.com](http://www.tophat.com)) classroom response system in tutorials. You will be able to submit answers to in-class questions using Apple or Android smartphones and tablets, laptops, or through text message. Please see below for additional information.

**Office hours:**

T. Mallevaey: MS7308 - please email for appointment

L. Clemenza: Monday 12-2:30pm - MS7267 - please email in advance for appointment

**Required Textbook:** *Janeway's Immunobiology*: 9<sup>th</sup> Edition by K. Murphy

**Evaluation:**

**Mid-term Exam:** October 11<sup>th</sup> 2018 10am-12pm - location TBA

Will cover material from lecture 1-5. The format will be 40 multiple-choice questions.

**Note:** If you sit at the midterm exam, your score will stand. No exception will be made.

**Final exam:** Date, time and location TBA.

The exam will cover material from the whole course but will be weighted towards the material not covered by the mid-term exam. The format will be approximately 60 multiple-choice questions.

Term Test	October 11 <sup>th</sup> 2018	40%
Final Exam	date and time TBA	60%*
		100%

**Deferred Exam:** Students who miss the final exam for a valid reason may petition to the Faculty of Arts and Science to write the deferred exam. **The format of the deferred exam will be written answer and is cumulative.**

**\*Important note about participation in the Top Hat in-class response system:** 5% of the grades for the final exam will be assigned to tutorial attendance and in-class response involvement (tutorial questions are marked for correctness). The remaining 55% is allocated to the final exam questions. Students who do not wish to attend the tutorials or wish to attend the tutorial but do not wish to subscribe to Top Hat will have their final exam weighted as 60%.

**Last day to cancel F section code courses without academic penalty:** November 5<sup>th</sup> 2018

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## MISSED TERM TEST POLICY

If a term test is missed due to illness, then:

1. The student must obtain the University of Toronto 'Verification of Student Illness or Injury form', have it filled out by their Physician, Surgeon, Nurse Practitioner, Registered Psychologist, or Dentist, and submit it to the Immunology Office (Room 7205, Medical Sciences Building), within one week of the missed exam.
2. If the note confirms that the student was incapacitated on the day of the test, **then** the student will be allowed to write a make-up test on a date and location to be announced.

## Course schedule:

Lecture	Tutorial	Subject	Lecturer
Sept 6 <sup>th</sup>	Sept 10 <sup>th</sup>	Course business Overview of the Immune System	T. Mallevaey
Sept 13 <sup>th</sup>	Sept 17 <sup>th</sup>	Innate immunity	L. Clemenza
Sept 20 <sup>th</sup>	Sept 24 <sup>th</sup>	The inflammatory response and the Complement System	L. Clemenza
Sept 27 <sup>th</sup>	Oct 1 <sup>st</sup>	Antibody structure & generation of antibody diversity	M. Ratcliffe
Oct 4 <sup>th</sup>	TBA	B cell development	M. Ratcliffe
Oct 11 <sup>th</sup>		<b>Midterm Test</b>	
Oct 18 <sup>th</sup>	Oct 22 <sup>nd</sup>	The MHC complex & antigen presentation	T. Mallevaey
Oct 25 <sup>th</sup>	Oct 29 <sup>th</sup>	T cell development	T. Mallevaey
Nov 1 <sup>st</sup>	Nov 12 <sup>th</sup>	T cell activation, differentiation and functions	T. Mallevaey
Nov 15 <sup>th</sup>	Nov 19 <sup>th</sup>	B cell differentiation and functions	L. Clemenza
Nov 22 <sup>nd</sup>	Nov 26 <sup>th</sup>	Cytokines and chemokines	L. Clemenza
Nov 29 <sup>th</sup>	Dec 3 <sup>rd</sup>	Signal transduction in lymphocytes	T. Mallevaey

## Top Hat in-class response system:

You can visit the Top Hat Overview (<https://success.tophat.com/s/article/Student-Top-Hat-Overview-and-Getting-Started-Guide>) within the Top Hat Success Center which outlines how you will register for a Top Hat account, as well as providing a brief overview to get you up and running on the system.

An email invitation will be sent to you by email with a course join code.

Top Hat will require a paid subscription, and a full breakdown of all subscription options available can be found here: [www.tophat.com/pricing](http://www.tophat.com/pricing). Should you require assistance with Top Hat at any time, due to the fact that they require specific user information to troubleshoot issues, please contact their Support Team directly by way of email ([support@tophat.com](mailto:support@tophat.com)), the in app support button, or by calling 1-888-663-5491.

## Accessibility Needs:

The University of Toronto is committed to accessibility. If you require accommodations for a disability, or have any accessibility concerns about the course, the classroom or course materials, please contact Accessibility Services as soon as possible: [disability.services@utoronto.ca](mailto:disability.services@utoronto.ca) or <http://studentlife.utoronto.ca/accessibility>.