

Immunology 506 2022

Time 1.00-3.00. BRB 252. The room (we think) is booked from 12. This provides a place for you to sit between classes.

Monday, Wednesday and Fridays. Lectures are approx. 90 mins.

Course Directors: Chris Hunter and Jorge Henao-Mejia

Teaching Assistants: Breanne Haskins and Alexa Semon

Background Welcome to your Immunology Core! This course has been a foundation for our graduate students for more than 50 years. The faculty volunteer their time to introduce students to the advanced concepts of immunology. The information provided is not meant to be exhaustive, but rather to provide background to key themes in immunology that may inform how you think about and approach your own research. This is an opportunity to survey the broad field of immunology and identify the areas you are most excited by.

Format and Expectations

The format is a 90 minute lecture, followed by 30 minutes of discussion. For the discussion, the class will most frequently be divided into two or three groups with a course director or guest faculty (but not the lecturer). Our expectations are that participation is a key element of the class and this is an opportunity to review what has been presented and to discuss your questions from the lecture. For example, questions can be elements that need additional clarification, topics that were not included, future implications or alternative views on the topic. The class size has been restricted to IGG students to facilitate a small group feel required for this aspect of the class. This is an opportunity for you to start to develop the communication skills and ability to think critically about research that you will need for the rest of your career in science.

One of the major challenges of the course is that the material will be delivered in many different styles and as researchers you will have to learn how to extract and integrate the most useful information from different scientists and related fields. These are skill sets that will be critical as you transition through your career. *The stated goal is that you obtain the foundation in immunology that will allow you to integrate new concepts and learn how to independently find the relevant people and material that will help you understand a scientific topic.*

Absence: The current intent is that the course will have a zoom component and that lectures will be recorded and students will have access to these for the duration of the class. For students that are unable to attend class we ask that you inform us of absence – but there is no need to provide a reason (though it is appreciated). For extended absences, it would be helpful to inform the organizers and/or the graduate group chair. Typically, at this point in your graduate career the class should take precedent over time in the laboratory. A PI that prioritizes your time in lab over class – well, that's a red flag – and if needed we are happy to help navigate that.

Exams: will be a take home format with the opportunity to select questions from different lecturers. Dates will be formalized once your other exam schedule is fixed to minimize deadlines overlap.

Canvas site: A site that will host the faculty power points and recorded lectures will be available.

Reading: There is no assigned textbook, but there are numerous excellent texts: Kuby, Immunology and Janeway's Immunology are terrific options.