

Syllabus BIOL-GA 1011 Spring 2020
Advanced Immunology Gastrointestinal Immunology
Tuesdays 8-10:30 AM Building/Room TBA
Carol Shoshkes Reiss, PhD

This is a 4 credit lecture and seminar format course intended for advanced undergraduate Biology majors and graduate students who have had a basic course in molecular and cellular biology. The Course Director, <carol.reiss@nyu.edu>, can be reached by email and by appointment.

Reading assignments: Readings will consist of review articles and peer reviewed research articles; these will be assigned weekly and posted on NYU Classes in the Resources folder.

Assessment: Students are expected to participate in class discussions (5% of grade). Additional evaluations will be based on a Midterm (30% of grade; March 10), 10-minute power point presentation in class (30% of grade) and a Final exam (35% of class grade; May 12). NYU policy for absences due to illness is to a) notify the professor prior to class and b) to provide a doctor's note indicating illness prevented attendance.

Office hours: Prof. Reiss is available before and after each class, and by appointment carol.reiss@nyu.edu.

| Date | Speaker | Affiliation | Topic |
|--------|---------------------------------|-------------|---|
| Jan 28 | Carol Shoshkes Reiss (CSR) | NYU | Introduction: anatomy, immunology & inflammation |
| Feb 4 | CSR | | Microbiome, <i>C. difficile</i> & fecal transplantation therapy |
| Feb 11 | CSR | | Viral infections, Virome |
| Feb 18 | Paul Oberstein | NYU Langone | Colorectal cancer |
| Feb 25 | CSR | | Helminth infections; Fungome |
| Mar 3 | Laurier Keefer | MSSM | Is there a role for Positive Psychology in Gastrointestinal Immunology? |
| Mar 10 | Midterm | | |
| Mar 17 | Spring Break | No class | No class |
| Mar 24 | Ken Cadwell | NYU Langone | Inflammatory Bowel Disease |
| Mar 31 | CSR | | Gut-brain |
| Apr 7 | CSR | | Gut-joints & -skin |
| Apr 14 | CSR | | Metabolic syndrome; celiac disease |
| Apr 21 | Cecilia Berin | MSSM | Food allergy |
| Apr 28 | Student Presentations #1 | | |
| May 5 | Student Presentations #2 | | Or final exam if <12 students enroll |

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| May 12 | Final Exam | | |
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Student Presentation: The topic of the power point presentation must be submitted in writing and be approved by the Course Director by *Friday, March 13* and the slide set submitted by 3PM on *Friday April 24, 2020*. A guide to developing the talk will be in the NYU Classes Resources folder and follows this syllabus. The Course Director will determine the order and date of presentations.

Academic Integrity: Students are expected to know and understand the policies on academic integrity, including University, GSAS <<http://gsas.nyu.edu/content/nyu-as/gsas/about-gsas/policies-and-procedures/gsas-statement-on-academic-integrity.html>>, and CAS policies: <<https://www.nyu.edu/about/policies-guidelines-compliance/policies-and-guidelines/academic-integrity-for-students-at-nyu.html> ; <https://cas.nyu.edu/content/nyu-as/cas/academic-integrity.html>>.

If a student is caught cheating or plagiarizing, the Instructor may, at her or his discretion, give the student an academic sanction, which may include a warning and/or reduction of the grade on an assessment item (e.g. exam) or even the final course grade (in consultation with the Director of Undergraduate Studies, who may meet with the faculty and the student to discuss the nature of the offense). Depending on the severity of the infraction, this could even mean failure of the student in the course. The student may appeal any grade reduction to the Director of Undergraduate Studies. The departmental decision is final. In addition, any substantial case brought to the Director of Undergraduate Studies must be referred to the Dean's office for possible disciplinary action.

If you have any questions or uncertainties about these policies, please consult the Instructor, Director of Undergraduate Studies, Director of Graduate Studies, or the Dean's office.

Diversity and Inclusion: The instructors of this course share [NYU's commitment to "building a culture that respects and embraces diversity, inclusion, and equity"](#). We aim to create a learning environment in which every student feels included, supported, and respected. We will hold students (and ourselves) to the CAS Honor Code's pledge to "behave with decorum and civility, and with respectful regard" for others.

Accommodations for Students with Disabilities: Academic accommodations are available to students with disabilities. Students should please register with the [Moses Center for Students with Disabilities](#) as early as possible in the semester.

Instructions for Student Power Point Presentations

1. Think of a topic, start doing some reading. The topics should not be too broad or too narrow in focus. It should be timely.

2. Choose a title and support it with 3 recent (published after December, 2016) peer reviewed research (not review articles) citations. Provide these by email to Dr Reiss (carol.reiss@nyu.edu)
3. Topics must be approved on or before Friday, March 13 at 3pm.
4. Develop a ten minute Power Point presentation. Your presentation should be 10-12 slides, in general. Sources of all material (ideas and data) must be explicitly acknowledged.
5. *If you know you have a calendar conflict* on either April 28 or May 5, please inform Dr. Reiss as soon as this is apparent, but before April 21.
6. This must be emailed to Dr Reiss on or before 3 pm on Friday April 24. There will be no revisions in the presentations after they are submitted.
7. A schedule will be circulated with the order of student talks on or before April 24.
8. Students will have the opportunity to:
 - a) ask a few questions of the presenter (if enrollment permits)
 - b) vote on the Student Choice Award for each date of presentations.
9. **Grading criteria** are the 10 minute time limit, effectiveness of slides, effectiveness of verbal presentation, and analysis of the topic.

10/16/19