

IMUN 507 IMMUNOPATHOLOGY SPRING 2024

Tuesdays 1:45 pm – 3:45 pm and Thursdays 3:15 pm – 5:15 pm

Location: **BRB 251 (Tuesdays) and BRB252 (Thursdays)**

COURSE DIRECTORS

Laura Su, MD, PhD

333 BRB Building

laurasu@penncare.upenn.edu

Neil Romberg, MD

1207C ARC

rombergn@chop.edu

Course TA for 2024

Nina De Luna

delunan@penncare.upenn.edu

Grading Policy

60%: Journal club presentation (see Files/Sample 507 JC presentation.pptx for an example)

40%: Class participation. We expect everyone to read the assigned papers and actively participate in discussions. Please anticipate being called on randomly to explain a figure throughout the course. 10% of the grade will be deducted for any unexcused absence. Please contact the course directors in advance for permission if you will be missing a class.

| DATE | SPEAKER | SPEAKER CONTACT | TOPIC | STUDENT PRESENTER |
|--------|------------------------|--|---|--------------------------------------|
| Jan 30 | Jorge Henao-Mejia | jhena@penntmedicine.upenn.edu | Mucosal immunity | Christian Howard and Saba Tegegne |
| Feb 1 | Caroline Bartman | cbartman@penntmedicine.upenn.edu | Metabolomics and immunometabolism | Maryia Svirydava and Oishi Bardhan |
| Feb 6 | Michael Abt | michale.abt@penntmedicine.upenn.edu | Microbiota-mediated immune defenses | Abbie Lustig |
| Feb 8 | Neil Romberg | rombergn@chop.edu | Human germinal center responses | James Chang and Sophie Gray-Gaillard |
| Feb 13 | Christoph Thaiss | thaiss@penntmedicine.upenn.edu | Design principles of immune responses | Jake Fischman and Joesetta Adams |
| Feb 15 | Amit Bar-Or | amitbar@penntmedicine.upenn.edu | Cellular immunology of B cells in health and disease | Francine Baker and Katie Premo |
| Feb 20 | Jonathan Miner | jonathan.miner@penntmedicine.upenn.edu | Cytosolic nucleic acid sensors and interferon responses | Chloe Talana and Shuaitong Liu |
| Feb 22 | Laura Su | laurasu@penntmedicine.upenn.edu | T cell cross-reactivity in health and disease | Chloe Wang and Erin Maule |
| Feb 27 | CLASS CANCELLED | | | |
| Feb 29 | Sarah Henrickson | henricksons@chop.edu | Impact of human immune dysregulation on T cell function | Nathan Swanbery and Kathya Arana |
| Mar 5 | NO CLASS | | | |
| Mar 7 | NO CLASS | | | |
| Mar 12 | Will Bailis | will.bailis@penntmedicine.upenn.edu | Regulation of immune cell programming by metabolite utilization | Henry Utset |
| Mar 14 | Michael Povelones | mpove@vet.upenn.edu | Mosquito Immunity | Moses Hinton |
| Mar 19 | Malay Haldar | mhaldar@penntmedicine.upenn.edu | Myeloid cells in tumor immunity | Adam Kramer and Hannah Dobson |
| Mar 21 | Phil Scott | pscott@vet.upenn.edu | Immunity to leishmaniasis | Muskaan Aggarwal |
| Mar 26 | Amelia Escolano | aescolano@wistar.edu | HIV vaccine design | Samantha Provost and Reid Banciella |

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|--------|----------------|---------------------------------------|--|----------------------------------|
| Mar 28 | Scott Canna | cannas@chop.edu | Inflammasome assembly, function, and dysfunction | Sam Kim |
| Apr 2 | David Hill | hilld3@chop.edu | Experimental models and clinical applications of type 2 inflammation | Natasha Puzon and Caitlin McCabe |
| Apr 4 | Daria Babushok | daria.babushok@pennmedicine.upenn.edu | Immune dysfunction in bone marrow failure syndromes | Ashlin Cowger and Lutfi Huq |