



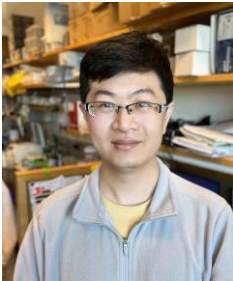
MMI 291 Seminar Series

Current Theme: Interdisciplinary Research
Winter Quarter 2024 – CRN 33382

Join us for Medical Microbiology and Immunology
Department research presentations

Friday Seminar 12:10-1 p.m.

Genome and Biomedical Sciences
Facility Auditorium – Room 1005



Jingjun Lin, Postdoc

[Bennett Penn Research Lab](#)

Research Presentation Title: “Uncovering IFN-Induced Host Determinants Critical for Controlling Mycobacterium tuberculosis in a CRISPR Library Screen”

Research Interests: Host-pathogen interactions, bacterial pathogenesis, Mycobacterium tuberculosis, and Streptococcus pneumoniae.



Gema Méndez-Lagares, Project Scientist

[Dennis Hartigan-O'Connor Research Lab](#)

Research Presentation Title: “Modulation of T-cell metabolism for enhanced SIV control via metabolic-adjuvanted mRNA-LNP/Gag vaccination”

Research Interests: Project Scientist working with Dr. Hartigan-O'Connor in the Department of Medical Microbiology and Immunology at UC Davis. Her research focuses on understanding the relationship between metabolic regulators and the functionality of CD8+ T-cells in the context of chronic HIV infection. In the past two years, her research has explored innovative territory by investigating how compounds such as metformin and rapamycin, which influence the key immunometabolic regulator mTOR, can maintain anti-HIV T-cells in a state that is both highly functional and proliferative. This area of research is critical to the development of post-treatment control strategies for HIV and extends her previous work on the immunomodulatory effects of cytomegalovirus.

February
16



February 16, 2024
12:10 – 1 p.m.

Genome and Biomedical Sci Facility
Auditorium – Room 1005

Medical Microbiology and
Immunology
School of Medicine

Seminar Contact:

Autumn Vega

530-752-9401

advega@ucdavis.edu

We hope to see you there!