Medical Microbiology and Immunology
MMI 291 Seminar Series
Emerging Challenges in Microbiology and Immunology
Current Theme: Interdisciplinary Research

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“Chlamydia is a Master Cell Biologist: The Secret Lives of Intracellular Pathogens”

Friday, March 2, 2018
MedSci 180C
12:10 PM – 1:00 PM

Research work:
In addition to continuing to investigate the molecular pathogenesis of human Chlamydia infections, her lab also studies the complex interplay of Pseudomonas aeruginosa with the host epithelial barrier. Using the motto that the “pathogen is the tutor,” she enjoys learning and applying new technology to understanding the pathogenesis of human infections.

Publication references:
Type IV pili mechanochromically regulate virulence factors in Pseudomonas aeruginosa
Persat, Alexandre; Inclan, Yuki F.; Engel, Joanne N.; Stone, Howard A. and Gitaia, Zemer

Global Mapping of the Inc-Human Interactome Reveals that Retromer Restricts Chlamydia Infection
Mirrashidi, Kathleen M; Elwell, Cherilyn A; Vershueren, Erik; Valdivia, Raphael; Krogan, Nevan J and Engel, Joanne

Chlamydia interfere with an interaction between the mannose-6-phosphate receptor and sorting nexins to counteract host restriction
Elwell, Cherilyn A; Czudnochowski, Nadine; von Dollen, John; Johnson, Jeffrey R; Nakagawa, Rachel; Mirrashidi, Kathleen; Krogan, Nevan J; Johnson, Engel, Joanne N and Rosenberg, Oren S.

Please contact Karyn Doyle if you’d like to meet with this guest speaker at kddoyle@ucdavis.edu: 530.752.9401