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

Susan Lynch, Ph.D.
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“Canary in the Coalmine: The Neonatal Gut Microbiome and Childhood Atopy and Asthma”

Friday, October 5, 2018
Genome and Biomedical Sciences Facility, Auditorium Room 1005
12:10 PM – 1:00 PM

Research work: Dr. Lynch applies classical principals of microbial physiology and ecological theory to improve understanding of the gut microbiome, it’s genesis, establishment and influence on human immunity. She has demonstrated the existence of a gut-airway axis, discovered that environmental microbial exposures influence microbiome composition and immune function, and identified gut microbial-derived molecules that shape early-life immunity and disease susceptibility.

Publication references: