

# Rickettsial Determinants for Arthropod Infection and Transmission

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The increase in reported rickettsial infections globally coincides with the discovery of unfamiliar arthropod vectors, newly recognized rickettsial pathogens, and documented transmission potential of what have been considered to be rickettsial symbionts. Thus, the capacity, transmissibility of rickettsiae, vectorial and the classification of rickettsial pathogens can be considered variables contributing to emerging rickettsial infections. Using multiple Rickettsia species, we are examining the rickettsial determinants of vector infection and transmission. For emerging and re-emerging flea- and tick-borne rickettsial agents, recent studies have identified novel aspects of transmission biology.

Tuesday, April 10, 2018 4:00 p.m. Lecture Hall, Pat Roberts Hall

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#### Light refreshments served at 3:30 p.m.



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