



CVMGSA SEMINAR

Qijing Zhang, DVM, PhD

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Evolution caught in the act: Emergence of hyper virulent and antibiotic-resistant variants in *Campylobacter*

Dr. Qijing Zhang is a Professor in Veterinary Microbiology and Preventive Medicine and Frank K. Ramsey Endowed Chair in Veterinary Medicine at Iowa State University. Dr. Zhang's expertise is in molecular microbiology and applies this discipline to studies of ecology, antibiotic resistance and pathogenic mechanisms of microbial infections. His primary interest is in food-borne human pathogens and zoonotic diseases. He directs a research program funded by USDA and NIH and his current research efforts focus on i) elucidating the ecology of *Campylobacter jejuni* in food animal reservoirs, ii) examining the mechanisms associated with the development, persistence and fitness of antibiotic resistance in this pathogen, iii) defining the pathogenesis and evolutionary mechanisms of highly pathogenic clones of *Campylobacter*, and iv) developing practical and effective measures to control *Campylobacter* infections in animal reservoirs and the human host."

If you would like to visit with Dr. Zhang, please contact: Raghu Amachawadi
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Date: Thursday, January 26, 2012

Time: 3:30 PM

Place: Mara Conference Center
4th Floor, Trotter Hall

Refreshments will be
provided