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**University of Veterinary and Pharmaceutical Sciences Brno,
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building nr.7**

Novel inhibitors of the bacterial type III secretion system

Dr. Victoria Auerbuch Stone

University of California Santa Cruz



Dr. Auerbuch Stone is an associate professor in the Department of Microbiology and Environmental Toxicology. Since 2009, the Auerbuch Stone lab has been interested in the bacterial type III secretion system (T3SS). Specifically, they investigate how pathogenic *Yersinia* control the T3SS and other virulence factors during infection. In addition, they identify and characterize chemical inhibitors of the T3SS for use as biochemical tools and, eventually, therapeutics.