



Fayez Salib

Detection of zoonotic vector-borne pathogens in domestic dogs in Giza, Egypt

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Description The public health implications of zoonotic vector-borne pathogens are numerous because domestic animals, such as dogs, live in close proximity to humans. Blood was collected from 116 domestic dogs in Cairo, Egypt from three different settings at the human-animal interface. The three settings the dogs came from were: privately owned animals seeking care at the Cairo University Faculty of Veterinary Medicine Clinic, non-laboratory reared research dogs maintained at the Cairo University Faculty of Veterinary Medicine, and an urban private animal rescue in Shabramont, Giza, Egypt. Enrolled animals were visually inspected for presence of flea or tick ectoparasites, *Rhipicephalus sanguineus* sensu lato ticks were recovered from 56 enrolled animals and a flea identified as *Ctenocephalides felis* was recovered from one animal. To test for past and/or current infection with vector-borne pathogens, conventional PCR ...

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