Company Name: Pfizer

Sponsored Session Title :

Everything is risky when ticks get frisky

Session Description:

When was the last time you were bitten by a tick? You may recall your last tick bite but chances are you've encountered ticks more often than you may think! The purpose of this presentation is to introduce how the concepts of environmental 'hazard' and individual 'exposure' to ticks contribute to the overall risk of tick-borne encephalitis (TBE) and Lyme disease. The session will provide a better understanding on how climate, habitats, animals, tick life cycles, and human behaviors are intertwined and influence one's likelihood of exposure to tick populations infected with *Borrelia burgdorferi* sensu lato or the TBE virus. It will also feature an interactive digital tool prototype that can aid individual risk assessments for TBE by medical professionals for their patients. Be prepared for a fun and engaging session to learn more about why ticks and tick-borne pathogens are becoming an increasing public health concern around the world.

Day, Date and Time: Thursday, May 23, 2024, 07:30-08:15

07:30-08:15 "Everything is risky when ticks get frisky"
Patrick Kelly, PhD, United States

Speaker details

Name	Patrick Kelly, PhD
Country	United States
Email	patrick.kelly2@pfizer.com
Affiliation	Pfizer
Bio	Dr. Patrick Kelly is a trained entomologist and microbiologist working with Pfizer as Director of Global Medical and Scientific Affairs for Tick-Borne Disease Vaccines. He has over 15 years of experience in vector-borne disease research and policy across academia, government, and industry. His current work focuses on ecological and epidemiological research to support the development and uptake of vaccines for tick-borne diseases with an emphasis on measuring and defining spatiotemporal risks for Tick-Borne Encephalitis and Lyme disease across global populations. His passion is to utilize data and novel approaches to develop public health tools that mitigate the public's risk of vector-borne diseases. Dr. Kelly has extensive field experience collecting multiple vector species including mosquitoes, sand flies, and ticks. He has worked on the development and regulatory approval other vector-borne control products including mosquito traps, biopesticides, and gut-pathogen mediated mechanisms to combat dengue virus, Zika virus, West Nile virus, malaria, and leishmaniasis.

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