



Ticks and Tick-Borne Diseases: Persistent and Emerging Threats to Human Health

Guest Editors:

Dr. Tammi Johnson

Texas A&M AgriLife Research,
Department of Rangeland, Wildlife
and Fisheries Management, Texas
A&M University, Uvalde, TX
78801, USA

Dr. Adela Oliva Chavez

Department of Entomology,
Texas A&M University, College
Station, TX 77843, USA

Deadline for manuscript
submissions:

closed (31 January 2022)

Message from the Guest Editors

Tick-borne diseases, including non-microbial related tick-borne diseases, such as alpha-gal syndrome (or red meat allergy) and tick paralysis, are gaining attention due to their increase in range and incidence. Climate change has impacted tick distributions and the range of animal reservoirs or tick hosts. Furthermore, international travel and commercial exchange between countries has resulted in the introduction of exotic tick species and the emergence of pathogens in new areas. This risk of introduction is also potentiated by the migration of hosts, the movement of invasive species and the importation of animals and goods. The management and prevention of tick-borne illnesses require a better understanding of tick and pathogen distribution, epidemiology, disease pathogenesis, vector biology, alternatives for disease prevention, integrated tick management, and the role of wildlife hosts in maintaining urban and enzootic disease cycles. We welcome the submission of manuscripts focused on these topics for publication in the Special Issue.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Paul B. Tchounwou

RCMI Center for Urban Health
Disparities Research and
Innovation, Richard Dixon
Research Center, Morgan State
University, 1700 E. Cold Spring
Lane, Baltimore, MD 21251, USA

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, PubMed, MEDLINE, PMC, Embase, GEOBASE, CAPus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (*Public Health, Environmental and Occupational Health*)

Contact Us

*International Journal of
Environmental Research and Public
Health* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijerph
ijerph@mdpi.com
[X@IJERPH_MDPI](https://twitter.com/IJERPH_MDPI)