



Pacific Center for  
Emerging Infectious Diseases  
Research



UNIVERSITY  
of HAWAII  
MĀNOA

## Department of Tropical Medicine, Medical Microbiology & Pharmacology

JOHN A BURNS SCHOOL OF MEDICINE, UNIVERSITY OF HAWAII AT MANOA

# Worms are More Dangerous than We Think: Immuno-modulation of the Host Immune Response by Nematode Parasites

It is well known that nematode parasites have the ability to suppress their host's reaction against parasite antigens to facilitate and maintain infection within the host. What is not so well known is that immune-suppression extends to the antigens of other infectious agents, such as *Mycobacterium tuberculosis*, HIV and *Plasmodium falciparum*, thus raising the possibility that parasite control programs may be an important adjunct in the fight against these diseases. The presentation will outline the evidence for this conclusion and make a plea for more research on whether parasite-induced immunosuppression also has an impact on epidemic diseases, such as those caused by dengue and Zika viruses.

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Wednesday, October 26, 2016 at 12:00 noon  
John A. Burns School of Medicine, Kaka'ako Campus  
Medical Education Building Auditorium (Room 315)  
For further information, contact (808) 692-1654

The Center and its activities are supported by a grant (P30GM114737) from the  
National Institute of General Medical Sciences, National Institutes of Health.

