



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

# Single-Injection Vaccines

Vaccination is the most effective method for preventing infectious diseases, yet each year millions of infants and children, mainly in the developing world, remain unprotected due to logistical challenges of obtaining the required series of injections. Single-injection vaccines have the potential to mitigate these issues, but present many technical challenges related to release kinetics and vaccine stability. We address these with a novel, polymer-based, injectable drug-delivery platform with pulsatile release over several months post administration. This technology allows for control of release kinetics independent of the encapsulated drug, enabling easier formulation of complex and labile molecules, such as vaccines.

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Monday, December 11, 2017 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

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