

CHIKUNGUNYA VACCINES

ACIP Meeting

October 23, 2024

Edwin Asturias, MD

Chair, ACIP Chikungunya Vaccines Work Group

Background

- Chikungunya Vaccines Work Group formed in May 2022
- Chikungunya vaccines
 - Live attenuated vaccine licensed in November 2023 (manufactured by Valneva)
 - Virus-like particle vaccine submitted to FDA for licensure (manufactured by Bavarian Nordic)
- Some recommendations developed, and others under development, for use of chikungunya vaccines among U.S. persons at risk of chikungunya including travelers, laboratory workers, and residents of U.S. territories and states with risk of transmission

Recap of previous Work Group ACIP presentations

- **October 2022–October 2023**

- Chikungunya virus disease and its sequelae
- Chikungunya epidemiology globally and among U.S. travelers and laboratory workers
- Live attenuated chikungunya vaccine including immunogenicity, safety, and other topics

- **February 2024**

- ACIP approved recommendations for use of live attenuated chikungunya vaccine among U.S. travelers and laboratory workers

- **June 2024**

- Epidemiology of chikungunya in U.S. territories and states
- Cost-effectiveness of use of live attenuated chikungunya vaccine among adults living in U.S. territories

Overview of today's session

1. Update on chikungunya and chikungunya vaccines
2. Virus-like particle chikungunya vaccine
3. Work Group interpretation of chikungunya virus-like particle vaccine data

Chikungunya Vaccines Work Group members

ACIP

Edwin Asturias, Univ Colorado

Lin Chen, Mount Auburn Hosp

CDC Lead

Susan Hills, DVBD

Ex Officio

Robin Levis, FDA

Sixun Yang, FDA

Lesley Dupuy (NIH)

ACIP Liaisons

Elizabeth Barnett, ISTM

James Campbell, AAP

Mary Pat Friedlander, AAFP

Saroj Rai, AIM

Invited Consultants

Alan Barrett, Univ Texas Galveston

Beth Bell, Univ Washington

Carina Blackmore, Florida Dept Health

Alan Lam, DoD

Invited Consultants (cont)

Margaret Ryan, DoD

Steven Schofield, CATMAT

David Shlim, Jackson Hole Travel & Trop Med

Nestor Sosa, Uni New Mexico Hospital

Sanet Torres, San Jorge Children & Women's Hospital

Kirsten Vannice, Bill & Melinda Gates Foundation

Mary Wilson, Univ California San Francisco

Chikungunya Vaccines Work Group CDC participants

DVBD

Sarah Guagliardo

Ann Powers

Erin Staples

Parker Acevedo

Laura Adams

Joshua Wong

NCEZID

Rita Helfand

DGMH

Kevin O’Laughlin

DHQP

Michael McNeil

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Pierre Muhoza

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Leslie Lee, NCIRD