## **TICK-BORNE ENCEPHALITIS (TBE) VACCINE**

Katherine Poehling, M.D.
Chair, ACIP TBE Vaccine Work Group
February 24, 2021

# **TBE Vaccine Work Group members and participants**

ACIP	ACIP liaisons	Technical advisors (cont'd)	CDC participants (cont'd)
Kathy Poehling (Chair)	David Shlim, ISTM	Kayvon Modjarrad, DOD	Caitlin Cossaboom, DHCPP
Wilbur Chen	Mark Sawyer, AAP	Steven Schofield, CATMAT	Stacey Martin, DVBD
		Bryan Schumacher, DOD	Michael McNeil, DHQP
CDC Lead	<u>Technical advisors</u>	Mary Wilson, Univ Calif SFO	Rebecca Morgan, Consultant
Susan Hills, DVBD	Alan Barrett, Univ Texas Galveston		Erin Staples, DVBD
	Lin Chen, Mount Auburn Hosp	CDC participants	Steve Waterman, DVBD
Ex Officio	Katherine Kinder, DOD	Grace Appiah, DGMQ	ACIP Secretariat
Rodolfo (Rudy) Alarcon, NIH	Tony Marfin, PATH	Doug Campos-Outcalt, Consultant	Jessica MacNeil, NCIRD
Ihid Carneiro Leao, FDA	Bruce McClenathan, DOD	Susan Chu, GID	Amanda Cohn, NCIRD

## Background

- Pfizer has submitted a Biologics License Application (BLA) to Food and Drug Administration (FDA) for their TBE vaccine
- Licensure possible by 3<sup>rd</sup> quarter of 2021
- No TBE vaccine previously licensed in the United States
- No existing ACIP TBE vaccine recommendations

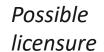
### Terms of Reference for TBE Vaccine Work Group

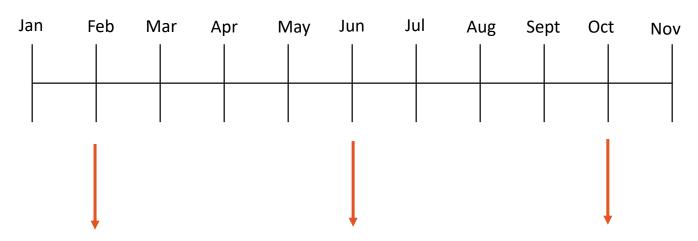
- To review information on TBE, including its epidemiology, clinical presentation, diagnosis, treatment, and outcome
- To review data on infection risk and burden for U.S. civilian and military travelers and laboratory workers
- To review data on vaccine safety, immunogenicity, and effectiveness
- To provide evidence-based recommendation options for ACIP
- To identify areas in need of further research for informing potential future vaccine recommendations
- To publish ACIP recommendations in the Morbidity and Mortality Weekly Report (MMWR)

# **Today's topics**

- TBE epidemiology in TBE endemic areas
  - Susan Hills (CDC/NCEZID)
- TBE among US civilian travelers and laboratory workers
  - Erin Staples (CDC/NCEZID)
- TBE and the Department of Defence experience
  - Bruce McClenathan (DoD)
- Summary and next steps for TBE Vaccine Work Group
  - Susan Hills (CDC/NCEZID)

### Work Group timeline (planned), Feb 2021–Oct 2021





(Today)
TBE epidemiology in endemic areas and traveler and laboratory worker risk data

Present to ACIP:
GRADE (vaccine safety/
immunogenicity) and
EtR

ACIP vote on vaccine recommendations and finalize MMWR