

National Institutes of Health Update

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June 2019




National Institute of Allergy and Infectious Diseases

Influenza Vaccine Research: Progress and Opportunities

- NIAID scientists and NIAID-supported researchers contribute to series of articles describing efforts to improve seasonal influenza vaccines and develop universal influenza vaccine
- Published in Journal of Infectious Diseases supplement (April 15, 2019)




1 Credit: NIAID National Institute of Allergy and Infectious Diseases



National Institute of Allergy and Infectious Diseases (NIAID)
<http://www.niaid.nih.gov>
 April 3, 2019

NIH Begins First-in-Human Trial of a Universal Influenza Vaccine Candidate

Investigational Vaccine Designed to Provide Broad, Durable Protection from Flu

- Phase 1 clinical trial testing the experimental vaccine's
 - Safety
 - Tolerability
 - Ability to induce immune response in healthy volunteers
- Conducted by NIH Clinical Center, Bethesda, Maryland

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Impact of Initial Influenza Exposure on Immunity in Infants

- New NIAID Program to establish **longitudinal cohorts of infants** to determine how initial and repeated infections and/or vaccinations shape infant and childhood immunity to future influenza exposures (RFA-AI-18-01)



3 National Institute of Allergy and Infectious Diseases

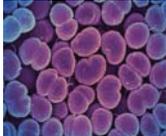


National Institute of Allergy and Infectious Diseases (NIAID)
<http://www.niaid.nih.gov>
 May 9, 2019

NIH Awards Will Advance Development of Vaccines for Sexually Transmitted Infections

NIAID Announces Four New Cooperative Research Centers

- Collaborative, multidisciplinary research on the bacteria that cause syphilis, gonorrhea and chlamydia
- At the end of program, each center expected to identify at least one candidate vaccine ready for testing in clinical trials.

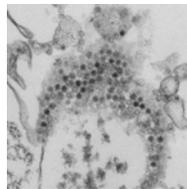


Credit: NIAID

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Acute Flaccid Myelitis Requires Galvanized Research Response

NIH Experts Review Puzzling Muscle Paralysis Condition in Children
 April 2, 2019



Credit: CDC/Cynthia S. Goldsmith, Yiting Zhang

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Dr. Fauci in the News

NIAID-Funded Research News

Congressional Testimony

The Importance of Childhood Vaccinations

April 29, 2019

*Statement of Anthony S. Fauci, M.D.
Director, National Institute of Allergy and Infectious Diseases
National Institutes of Health*

Vaccines are essential for protecting children against infectious diseases such as measles, mumps, rubella and whooping cough. Many of these diseases are largely forgotten in our country. Before vaccines became available, however, these diseases exacted a huge toll. For example, before the measles vaccine was licensed in 1963, the virus infected at least 2 million Americans a year, causing 500 deaths and 48,000 hospitalizations.

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