National Institutes of Health Update

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Influenza

Influenza Human Challenge Study Begins at NIAID-Sponsored Clinical Trial Units
NIH Forms New Collaborative Influenza Vaccine Research Network (CIVICs)

**Vaccine Centers (3)**
- Iterative vaccine design, preclinical testing and in-depth immunologic analyses
- Assay & reagent development

**External Advisory Board**

**Manufacturing & Toxicology Core**

**Clinical Cores (2)**

**Statistical, Data Management & Coordination Center (SDMCC)**
NIH Awards Contracts to Advance Tuberculosis Immunology Research

Research Will Help Advance TB Vaccine Development
Prolonged antibiotic treatment may alter preterm infants’ microbiome

- NIH-funded researchers find evidence of antibiotic-resistant gut bacteria
- High-speed DNA sequencing and advanced computational analysis used to study stool samples from 58 infants
- Infants who received prolonged antibiotic treatment had less diverse bacterial populations in their gut, compared to the other infants, and these bacteria contained more antibiotic resistance genes.

Credit: Stock Image, NICHD
Dare to Dream: The Long Road to Targeted Therapies for Cystic Fibrosis

Posted on October 31st, 2019 by Dr. Francis Collins

To Day is the most Best day ever in my Life They found for Cistikfibrosis Aug 25, 1989
The Kinyoun Lecture

Structure-Assisted Design of Universal Vaccines and Therapeutics Against Influenza Virus

Ian A. Wilson, D.Phil., D.Sc., FRS
The Scripps Research Institute
La Jolla, California
Tuesday, November 19, 2019
3-4 pm
Lipsett Amphitheater

https://videocast.nih.gov/ Search: Kinyoun Lecture