

National Institutes of Health Update

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National Institutes of Health

December 2019

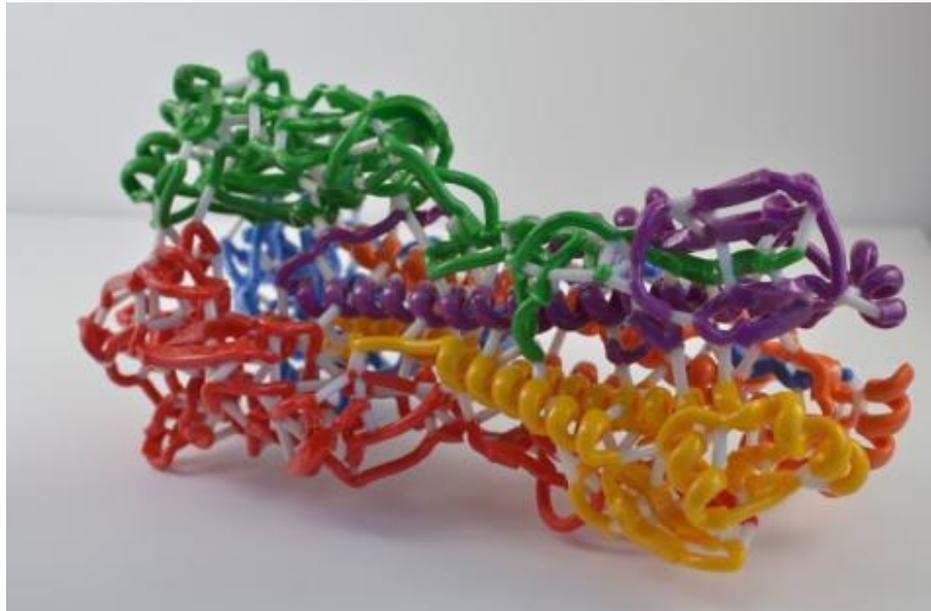


Influenza



National Institute of Allergy
and Infectious Diseases (NIAID)
<http://www.niaid.nih.gov>
October 23, 2019

Influenza Human Challenge Study Begins at NIAID-Sponsored Clinical Trial Units



Credit: NIH

Influenza

NIH Forms New Collaborative Influenza Vaccine Research Network (CIVICs)

External Advisory Board

Vaccine Centers (3)

- Iterative vaccine design, preclinical testing and in-depth immunologic analyses
- Assay & reagent development

Manufacturing &
Toxicology Core

Clinical
Cores (2)

Statistical, Data
Management &
Coordination Center
(SDMCC)



U.S. Department of Health and Human Services

NIH News

National Institutes of Health

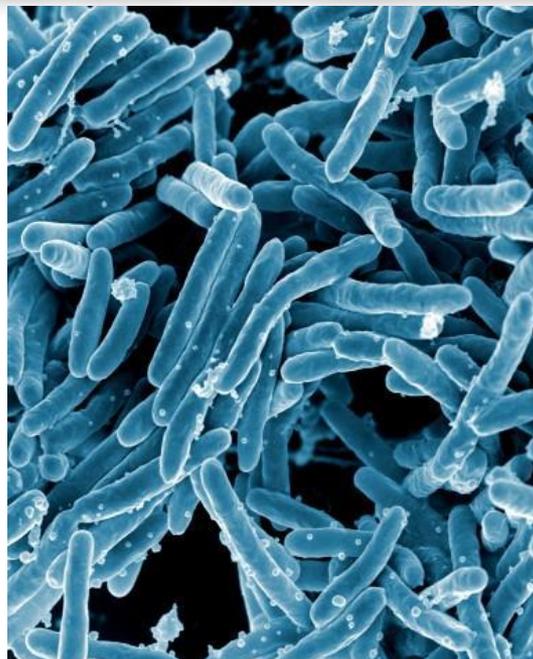
National Institute of Allergy and
Infectious Diseases (NIAID)

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September 26, 2019

NIH Awards Contracts to Advance Tuberculosis Immunology Research

Research Will Help Advance TB Vaccine Development



Credit: NIAID

Prolonged antibiotic treatment may alter preterm infants' microbiome

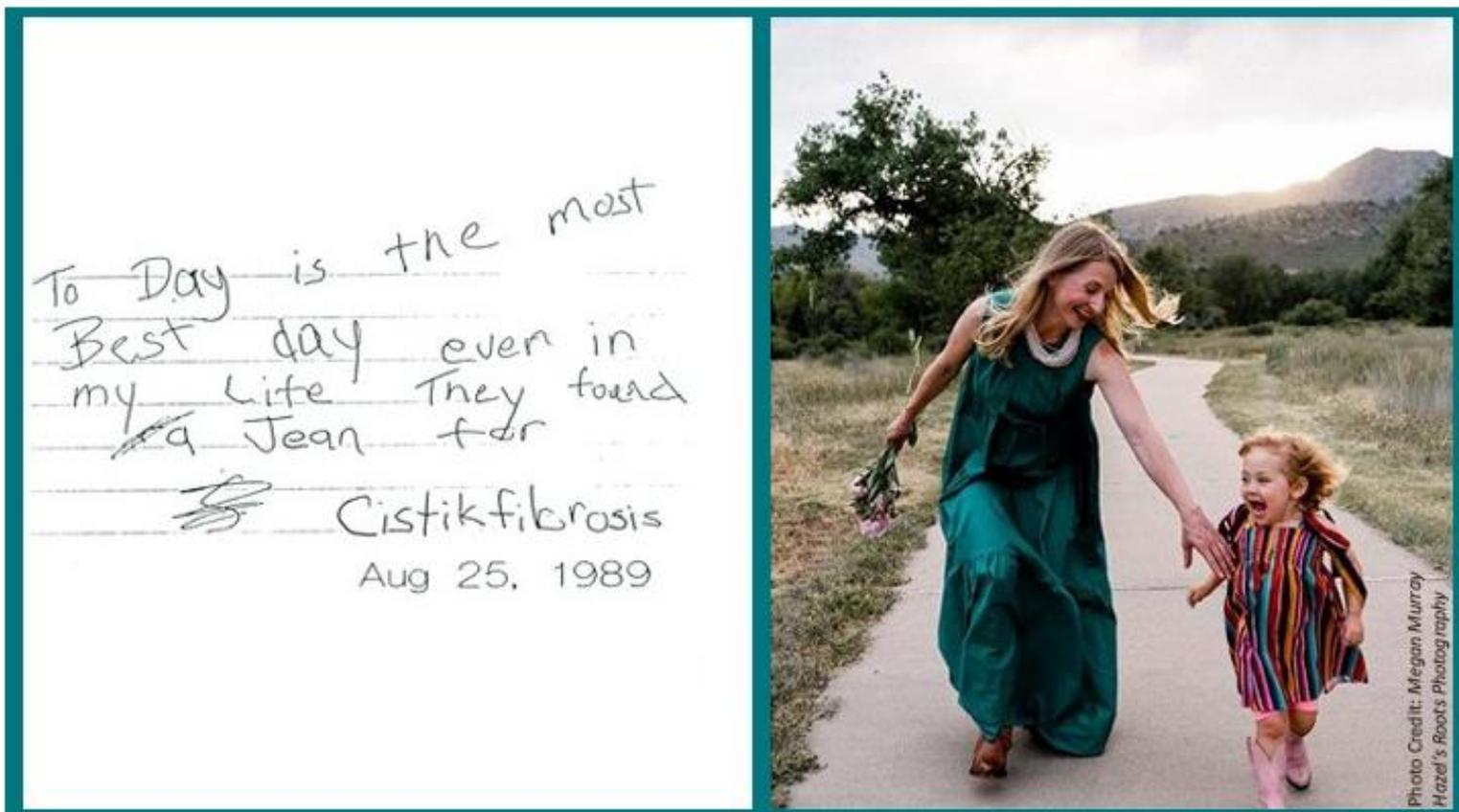
- NIH-funded researchers find evidence of antibiotic-resistant gut bacteria
- High-speed DNA sequencing and advanced computational analysis used to study stool samples from 58 infants
- Infants who received prolonged antibiotic treatment had less diverse bacterial populations in their gut, compared to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



The Kinyoun Lecture



National Institute of
Allergy and
Infectious Diseases



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



National Institute of
Allergy and
Infectious Diseases