



PACCARB

PRESIDENTIAL ADVISORY COUNCIL ON COMBATING ANTIBIOTIC-RESISTANT BACTERIA

PACCARB 28th Public Meeting Agenda

Harnessing the Microbiome to Combat AMR

Hubert H. Humphrey Building - 200 Independence Ave SW, Washington, DC 20201

Wednesday, September 9, 2026 – Day 1

9:00 AM – 4:45 PM (ET)

9:00 – 9:15

WELCOME AND OVERVIEW

Paul Plummer (V), Chair PACCARB

Jason Newland (V), Vice Chair PACCARB

RULES OF ENGAGEMENT AND PARTICIPANT ROLL CALL

Sarah McClelland, Designated Federal Official

9:15 – 9:25

OPENING REMARKS

9:25 – 9:45

PATIENT STORY

Fecal Microbiota Transplantation in Dog with Protein-Losing Enteropathy

Betty Chow, Colorado State University, and Alice Hernandez

9:45 – 10:00

MICROBIOME SUBCOMMITTEE REPORT-OUT

Suchitra Hourigan, NIH

10:00 – 10:15

COUNCIL Q&A

10:15 – 11:00

PANEL 1 – UNDERSTANDING THE MICROBIOME AND THERAPEUTIC NON-RESPONSIVENESS

10:15 – 10:30

Microbiome Science and Antimicrobial Resistance

Vincent B. Young, University of Michigan

10:30 – 10:45

Resistance in Agricultural and Environmental Systems

Sydney Everhart, Michigan State University

10:45 – 11:00

Why Susceptible Isn't Always Sufficient: Therapeutic Non-Responsiveness and the Microbiome

Cliff McDonald, Centers for Disease Control and Prevention

11:00 – 11:35

COUNCIL Q&A

11:35 – 11:45

NATIONAL ACTION PLAN UPDATE

Casey Sullivan, HHS, Office of the Assistant Secretary for Planning & Evaluation

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11:45 – 12:45 LUNCH

12:50 – 1:30 PANEL 2 – MEASURING WHAT MATTERS: MICROBIOME CHARACTERIZATION AND DIAGNOSTICS

12:50 – 1:00 Wastewater Surveillance for AMR Monitoring

Scott Jackson, The NEST

1:00 – 1:10 NIST Approaches to Microbiome Measurement

Samuel Forry, National Institute of Standards and Technology

1:10 – 1:20 Respiratory Microbiome Strategies for Disease Prevention in Livestock

Chris Belnap, Resilient Biotics

1:20 – 1:30 Preterm Infant Gut Microbiome Diagnostics to Predict Sepsis and Tailor Antibiotics

Drew Schwartz, Washington University

1:30 – 2:15 COUNCIL Q&A

2:15 – 2:30 BREAK

2:30 – 3:10 PANEL 3 – WHERE MICROBIOMES MEET: A ONE HEALTH AMR PERSPECTIVE

2:30 – 2:40 Horizontal Gene Transfer (HGT) and the Spread of AMR

Ilana Brito, Cornell University

2:40 – 2:50 Investigating Swine Worker Microbiomes: On-Farm Considerations

Noelle Noyes, University of Minnesota

2:50 – 3:00 Drought Drives Antibiotic Resistance Across Soils

Xiaoyu Shan, California Institute of Technology

3:00 – 3:10 Antimicrobial Resistance in the Agricultural Environment

Michelle Soupir, Iowa State University

3:10 – 3:55 COUNCIL Q&A

3:55 – 4:35 ROUND ROBIN DISCUSSION

4:35 – 4:45 CLOSING REMARKS

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PACCARB 28th Public Meeting Agenda

Harnessing the Microbiome to Combat AMR

Hubert H. Humphrey Building - 200 Independence Ave SW, Washington, DC 20201

Thursday, September 10, 2026 - DAY 2

9:00 AM – 4:00 PM (ET)

9:00 – 9:15

WELCOME

Paul Plummer (V), Chair PACCARB

Jason Newland (V), Vice Chair PACCARB

RULES OF ENGAGEMENT AND PARTICIPANT ROLL CALL

Sarah McClelland, Designated Federal Official

9:15 – 9:25

OPENING REMARKS

9:25 – 9:55

PANEL 4 – DISRUPTED DEFENSES: AMR AND THE CONSEQUENCES OF MICROBIOME DISRUPTION IN CLINICAL CARE

9:25 – 9:35

A Moving Target...How Mobile Elements Drive Pathogen Adaptation

Ami Bhatt, Stanford University

9:35 – 9:45

Losing the Anaerobes, Losing the War Against AMR

Tessa Andermann, UNC Chapel Hill

9:45 – 9:55

Uninvited Guests in Undisclosed Locations: Respiratory Microbiomes and Chronic Infection

Katrine Whiteson, University of California, Irvine

9:55 – 10:40

COUNCIL Q&A

10:40 – 10:55

BREAK

10:55 - 11:35

PANEL 5 – TARGETED INTERVENTIONS: TREATING AMR THROUGH MICROBIOME-BASED THERAPIES

10:55 – 11:05

From Discovery to Delivery: Fecal Microbiota Transplantation for Humans

Mike Woodworth, Emory University

11:05 – 11:15

Fecal Microbiota Transplantation (FMT) in Companion Animals

Jan Suchodolski, Texas A&M Veterinary Medicine & Biomedical Sciences

11:15 – 11:25

Engineered Phages to Restore Susceptibility

David Pride, University of California San Diego

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11:25 – 11:35 Intelligent Automation to Counter Emerging Biothreats
Ashley Trama, Locus Biosciences

11:35 – 12:25 COUNCIL Q&A

12:25 – 1:25 LUNCH

1:30 – 2:00 PANEL 6 – RESTORING RESILIENCE: ADDRESSING AMR BY STRENGTHENING MICROBIOMES

1:30 – 1:40 Food-Based Strategies to Strengthen Microbiome Resilience in Children
Saurabh Mehta, Cornell University

1:40 – 1:50 Nutritional Supplements and Microbiome Health in Animals
Marcio Costa, Université de Montréal

1:50 – 2:00 Strengthening the Rumen Microbiome: What Adaptation Can Teach Us About Resilience
Philip Myer, University of Tennessee

2:00 – 2:45 COUNCIL Q&A

2:45 – 3:15 PUBLIC COMMENT

3:15 – 3:45 ROUND ROBIN DISCUSSION

3:45 – 4:00 CLOSING REMARKS

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