



# PACCARB

PRESIDENTIAL ADVISORY COUNCIL ON COMBATING ANTIBIOTIC-RESISTANT BACTERIA

## PACCARB Public Meeting Agenda

Tuesday, January 28, 2025

*The Ritz Carlton, Pentagon City*

*Salon I & II*

*1250 S Hayes St, Arlington, VA 22202*

**TIMES SUBJECT TO CHANGE**

WATCH THE LIVESTREAM AT [hhs.gov/live](https://hhs.gov/live)

**27<sup>th</sup> PACCARB PUBLIC MEETING**

**DAY ONE**

**9:00 AM – 5:00 PM (ET)**

- 9:00 – 9:05 WELCOME AND OVERVIEW OF THE DAY**  
*Paul Plummer (V), Chair PACCARB,*  
*Jason Newland (V), Vice Chair PACCARB*
- RULES OF ENGAGEMENT AND PARTICIPANT ROLL CALL**  
*Jomana Musmar, Designated Federal Officer*
- 9:05 – 9:20 10 YEARS OF PACCARB**  
*Martin Blaser, Rutgers University*  
*Bruce Gellin, Georgetown University*  
*Lonnie King, The Ohio State University*
- 9:20 – 9:35 OPENING REMARKS**  
*TBD*
- 9:35 – 9:40 TRANSITION TO FIRESIDE CHAT**
- 9:40 – 10:15 FIRESIDE CHAT – A UNITED FRONT AGAINST SUPERBUGS**  
*André Abreu, Sistema Único de Saúde, Brazil*  
*Herman Barkema, Public Health Agency of Canada*  
*Nithima Sumpradit, Ministry of Public Health, Thailand*  
*Penny Walker-Robertson, Department of Health and Social Care, United Kingdom*
- 10:15 – 10:30 COUNCIL Q&A**
- 10:30 – 10:45 BREAK**

- 10:45 – 11:21 ANTIMICROBIAL RESISTANCE (AMR) AWARENESS: A WORLD OF OPINIONS**
- 10:45 – 10:57 Global AMR Monitor, Phase 1 Results**  
*Ilana Ron-Levey, Gallup*
- 10:57 – 11:09 Trinity Challenge Deliberative Poll of AMR**  
*Marc Mendelson, Trinity Challenge*  
*James Fishkin, Stanford University*
- 11:09 – 11:21 Global Citizens' Juries on AMR**  
*Kyle Bozentko, Center for New Democratic Process*  
*Sarah Atwood, Center for New Democratic Process*
- 11:21 – 11:55 COUNCIL Q&A**
- 11:55 – 12:55 LUNCH**
- 12:55 – 1:43 FOOD SECURITY AND AMR: A RECIPE FOR DISASTER**
- 12:55 – 1:07 The Persistent Threat of Emerging Plant Disease to Food Security: Mitigating Future Outbreaks**  
*Jean Ristaino, North Carolina State University*
- 1:07 – 1:19 Addressing Gaps in Crop Resiliency: Lessons Learned from a Plant Pathogen Exercise**  
*Jacqueline Fletcher, Oklahoma State University; DHS HFAR Consultant*
- 1:19 – 1:31 The Role of Plant Protection Quarantine in Maintaining U.S. Crop Health and Food Security**  
*Michelle Gray, Plant Protection Quarantine, U.S. Department of Agriculture*
- 1:31 – 1:43 AMR and Aquaculture as Oceans Change**  
*Nathalie Hilmi, Centre Scientifique De Monaco*
- 1:43 – 2:25 COUNCIL Q&A**
- 2:25 – 2:40 BREAK**
- 2:40 – 3:28 AMR, THE NEW NATIONAL SECURITY THREAT**
- 2:40 – 2:52 The U.S Approach to National Security Threats from Natural Sources**  
*Katie Ballering, Department of Homeland Security*
- 2:52 – 3:04 The Fragile U.S. Medical System: Disaster Medicine and AMR**  
*Jeffrey Freeman, U.S. National Center for Disaster Medicine and Public Health*
- 3:04 – 3:16 Stewardship During a National Emergency: Emergency Stewardship Guidelines**  
*Souha Kanj, American University of Beirut*
- 3:16 – 3:28 AMR Threats to the Military Health System (MHS)**  
*Col Robert Cybulski Jr., Walter Reed Army Institute of Research*
- 3:28 – 4:10 COUNCIL Q&A**
- 4:10 – 4:15 TRANSITION TO FIRESIDE CHAT**

**4:15 – 4:45**     **FIRESIDE CHAT – U.S. STEPS TOWARDS A MORE UNITED FRONT**  
*U.S. Centers for Disease Control and Prevention*  
*U.S. Department of Agriculture*  
*Office of Global Affairs, U.S. Department of Health and Human Services*  
*U.S. Food and Drug Administration*

**4:45 – 4:55**     **COUNCIL Q&A**

**4:55 – 5:00**     **CLOSING REMARKS**

**RECESS**



# PACCARB

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Wednesday, January 29, 2025

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**27<sup>th</sup> PACCARB PUBLIC MEETING**

**DAY TWO**

**9:00 AM – 5:00 PM (ET)**

- 9:00 – 9:05 WELCOME AND OVERVIEW OF THE DAY**  
*Paul Plummer (V), Chair PACCARB*  
*Jason Newland (V), Vice Chair PACCARB*
- RULES OF ENGAGEMENT AND PARTICIPANT ROLL CALL**  
*Jomana Musmar, Designated Federal Officer*
- 9:05 – 9:53 MOVING BEYOND HAZARDS: THE NEED FOR ANIMAL HEALTH DATA**
- 9:05 – 9:17 Economic Data: The tradeoffs in producer choices and antimicrobial policy**  
*Elliot Dennis, University of Nebraska-Lincoln*
- 9:17 – 9:29 Understanding the Impact of Antimicrobial Use on Veterinary Medicine**  
*Mike Apley, Kansas State University*
- 9:29 – 9:41 Research Gaps in the Development of Alternatives to Antibiotics in Animal Health**  
*Armando Heriazon, International Development Research Centre*
- 9:41 – 9:53 Non-use Based Metrics to Measure One Health AMR Risk**  
*Francisco Zagmutt, EpiX Analytics*
- 9:53 – 10:35 COUNCIL Q&A**
- 10:35 – 10:40 BREAK**
- 10:40 – 11:28 THE PRICE OF HEALTH: ECONOMICS OF ANTIBIOTIC MARKETS**
- 10:40 – 10:52 Wrong Drug, Wrong Bug, Wrong Market**  
*Nadya Wells, Graduate Institute*

**10:52 – 11:04 Economic Drivers to Choose Low- and Middle-Income Country Markets for Novel Antibiotics**

*John Tomayko, Bugworks*

**11:04 – 11:16 The Value of Diagnostics: How to Increase Appropriate Utilization of Diagnostics to Reduce Resistant Infections**

*Ephraim Tsalik, Cepheid*

**11:16 – 11:28 Expanding Options for Initial Antibacterial-Antifungal Approval and Labeling: The As-Yet-Untapped Power of LPAD and an Early Focus on Difficult-to-Treat Infections**

*John Rex, AMR.Solutions*

**11:28 – 12:10 COUNCIL Q&A**

**12:10 – 1:10 LUNCH**

**1:10 – 1:58 REVOLUTIONIZING THE FIGHT AGAINST AMR WITH ARTIFICIAL INTELLIGENCE (AI)**

**1:10 – 1:22 Guidelines for Drug Development using AI**

*Tala Fakhouri, Food and Drug Administration*

**1:22 – 1:34 Utilization of AI in AMR Development: DART and TARGET Programs**

*Paul Sheehan, Advanced Research Projects Agency for Health*

**1:34 – 1:46 Utilization of AI to Develop Phage Therapies: Successes and Challenges**

*Paul Garofolo, Locus Biotherapeutics*

**1:46 – 1:58 AI for Antibiotic Discovery**

*Cesar de la Fuente, University of Pennsylvania*

**1:58 – 2:40 COUNCIL Q&A**

**2:40 – 2:55 BREAK**

**2:55 – 4:25 INNOVATION SPOTLIGHT AND PUBLIC COMMENT**

**4:25 – 4:55 COUNCIL ROUND ROBIN**

**4:55 – 5:00 CLOSING REMARKS**

**ADJOURN**