

PACCARB Perspectives: Policy Recommendation to Drive Diagnostic Development and Use

National Academies of Science, Engineering, and Medicine
Policy Levers

October 13, 2022

PACCARB

Presidential Advisory Council on Combating Antibiotic-Resistant Bacteria

PACCARB and the CARB Task Force

PACCARB

- Provides recommendations to the Secretary of HHS
- Comprised of federal, industry, and subject matter stakeholders



CARB Task Force

- Coordinates CARB efforts across all federal agencies
- CARB National Action Plan
- Comprised of only federal agencies



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PACCARB Diagnostic Recommendations

PACCARB recommendations address **market-based** and **reimbursement** incentives as well as **use** and **uptake**

Market and Reimbursement Examples

- 🛡 Funding for new antibiotic susceptibility test with the development of new antibiotics
- 🚧 Removing barriers and simplifying the process of obtaining regulatory approvals
- 💰 Utilizing a reimbursement-plus system to align reimbursement with value

PACCARB Diagnostic Recommendations

Use and Uptake Examples

-  Supporting clinical trial networks with common rules and shared IRBs
-  Identifying a list of critically needed diagnostics to combat AMR
-  Conducting diagnostic outcome studies and studies on the impact of cost production
-  Increasing translational research to adapt human diagnostic platforms to animals
-  Providing clinician education on the use and interpretation of diagnostic tests

One Health and Pandemic Preparedness



PACCARB Public Meeting
Monday, September 12, 2022

SURVEILLANCE AND DIAGNOSTICS
9:00 AM – 4:20 PM (ET)

1:05 – 2:10 MODULE 2: DIAGNOSTICS

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|--------------------|---|
| 1:05 – 1:10 | Module Introduction
<i>Moderator Christine Ginocchio</i> |
| 1:10 – 1:22 | Understanding the Human Diagnostic Communication Network (Labs, Public Health Departments, and Providers)
<i>Kim Musser, New York Department of Health Wadsworth Center</i> |
| 1:22 – 1:34 | Developing New Human Diagnostics in an Emergency Situation
<i>Jean Patel, Beckman Coulter</i> |
| 1:34 – 1:46 | Current Capabilities and Capacity for Diagnosing Fungal Infections and Resistance
<i>Tom Chiller, CDC/Mycotic Disease Branch</i> |
| 1:46 – 1:58 | The Role of Diagnostics in Herds: Availability, Challenges, and How They're Used (Animal)
<i>Rodger Main, Iowa State University</i> |
| 1:58 – 2:10 | Understanding the Animal Diagnostic Communication Network (Labs, Producers, and Veterinarians)
<i>Christina Loiacono, USDA/NAHLN (virtual)</i> |

- Tasked by the Secretary of HHS to critically evaluate our pandemic preparedness policies
- Evaluating pandemic preparedness from a One Health perspective

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Get Engaged

- Public Meetings
 - January 2023
 - March 2023
- Stakeholder input
 - At public meetings
 - E-mail
 - Requests for Information

Website: hhs.gov/paccarb

E-mail: carb@hhs.gov



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