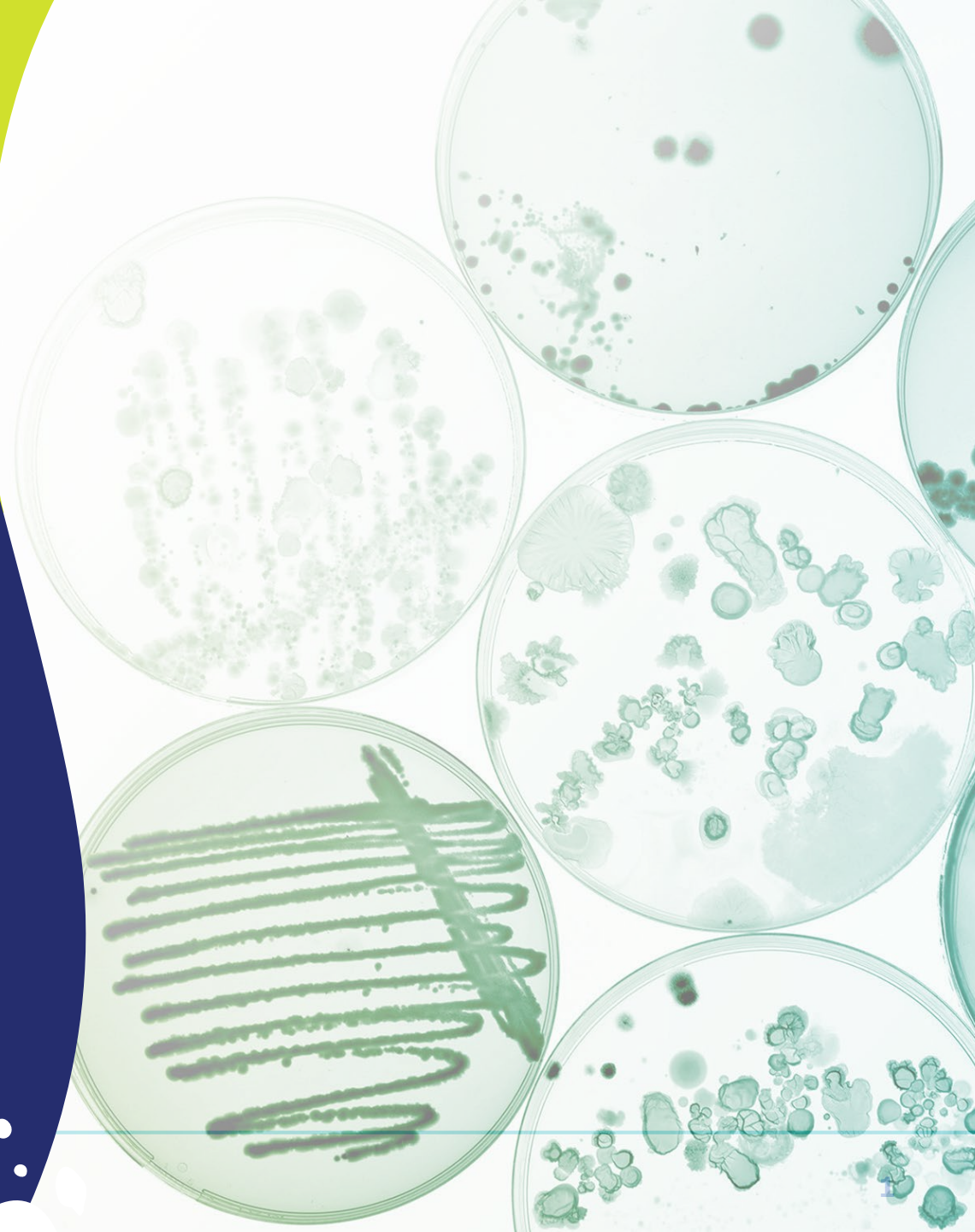




Accelerating the Development & Uptake of Rapid Diagnostics to Address AMR

**POLICY LEVERS: INVESTMENTS,
INCENTIVES & PARTNERSHIPS**

10.13.22



Discussion



- **Federal investment in diagnostics for AMR**
- **Policy recommendations for incentivizing dx development**
- **Partnerships & collaboration**
- **Additional considerations**
- **Looking ahead**

Federal Investments in Diagnostics for AMR

- Increase funding for outcomes studies to drive uptake and appropriate use
- Create federal small-business grant opportunities for diagnostic developers
- Establish delinked pull incentive for innovative rapid diagnostics
- Create tax credits for clinical testing expenses
- Develop new valuation models with payers and policymakers

Federal Investments in Diagnostics for AMR

- Create a federal AMR diagnostics list
- Develop a prioritization framework for diagnostics to guide funding and incentives
- Facilitate collaboration among developers and clinical investigators via clinical trial networks, master study protocols, and coordinating organizations (e.g., ARLG)
- Increase utilization of postmarket data and RWE

Partnerships & Collaboration

- RADx for AMR
- NIH/ASPR AMR Diagnostic Challenge
- Crowdsourcing & citizen science
 - Foldit
 - APT AMR RAPID Challenge

Additional Considerations

- Workforce
- Advocacy
 - Coordination
 - Patient stories
- Regulatory
- LMICs

Looking Ahead

NEW AND NON-TRADITIONAL APPROACHES IN A RAPIDLY EVOLVING FIELD

- Community wastewater surveillance & analysis
- Novel analytical platforms (e.g., NGS) coupled with point-of-care, non-invasive sample collection
- Screening and home-based tests
- Integration of AI systems, novel diagnostics, and digital health technologies: screening, diagnosing, monitoring, and predicting disease severity
- Automatic, real-time detection and tracing: integrating virus-sensing elements with touchscreen or other digital devices

Looking Ahead

[cont.]

POLICY RECOMMENDATIONS

- Create federal funding incentives for tests & technologies of key public health importance for AMR
- Increase capacity for CDC AR Lab Network and NGS capabilities, and similar local and federal efforts
- Form novel partnerships with groups and experts in non-traditional spaces to enhance innovation and strengthen advocacy



Thank you!

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