

# FDA's Animal and Veterinary Innovation Agenda

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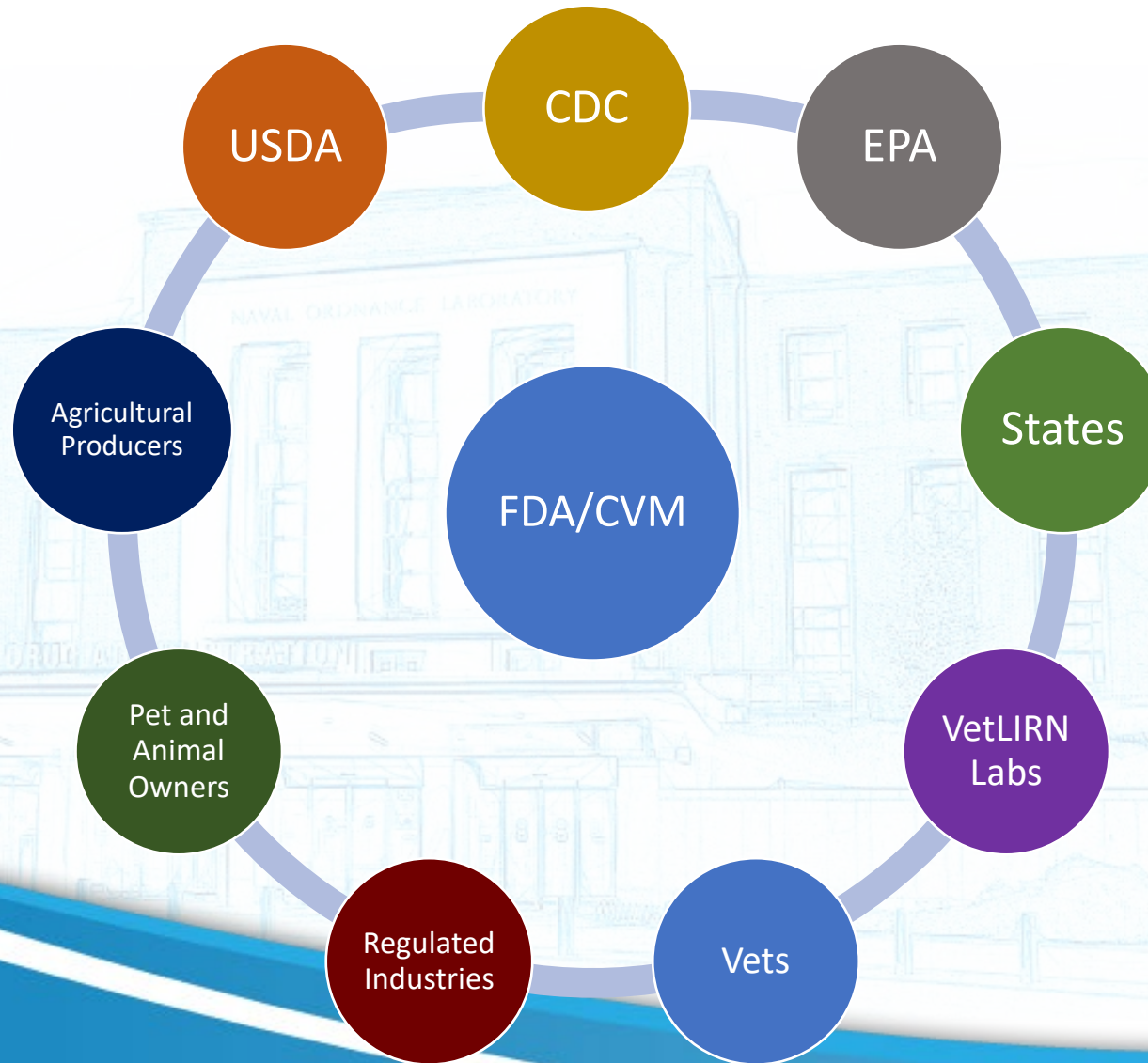
Deputy Director for Science Policy, Center for Veterinary Medicine

# Who is CVM?





# Who Does CVM Work With?



And Many More...

# CVM's Mission: Protecting Human and Animal Health



Approve  
innovative and  
effective animal  
health products

Ensure the safety  
of products for  
both animals and  
people

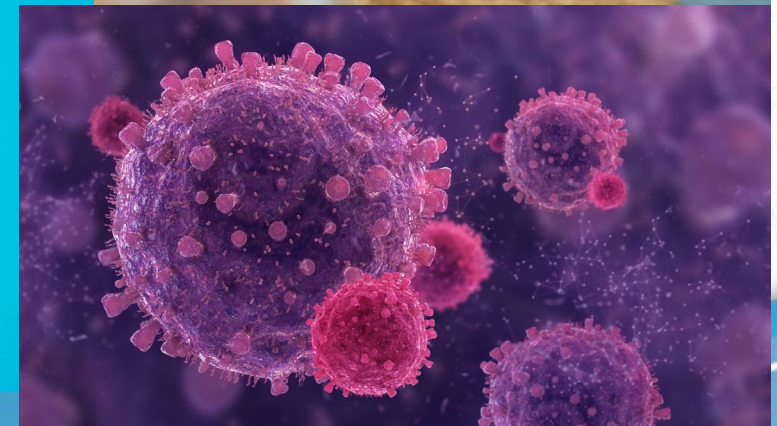
Ensure agriculture,  
veterinarians,  
animal/pet  
owners have  
access to needed  
animal health  
products

Monitor the safety  
and effectiveness  
of our products  
(e.g., National  
Antimicrobial  
Resistance  
Monitoring  
System)

Conduct research  
and apply science  
to address One  
Health challenges  
and opportunities



# Animal and Veterinary Innovation Agenda





# CVM's Vision for the Future of Veterinary Medicine



# Animal and Veterinary Innovation Agenda

1. Support technologies and products that address high-priority needs
2. Align regulatory pathways to the modern landscape
3. Enhance our One Health workforce for the future of innovation
4. Identify and address gaps specific to new technologies and emerging health threats



# Pillar 1: Support technologies and products that address high-priority needs



- Veterinary Innovation Program
  - VIP Sci-Assist
  - VIP Fast Step
- ADVANce Program
  - Identify and address barriers to high impact or unmet needs in veterinary medicine – with a goal to get more approved products



# Pillar 2: Align regulatory pathways to the modern landscape



- Launch Regulatory Modernization Task Force
- Identify Smart, Agile Frameworks to Support and Spur Innovation
- Establish an Animal Food Innovation Hub
- Work with Congress on authority for a new Zootechnical Food Animal Substance pathway – get innovative feed ingredients to market faster



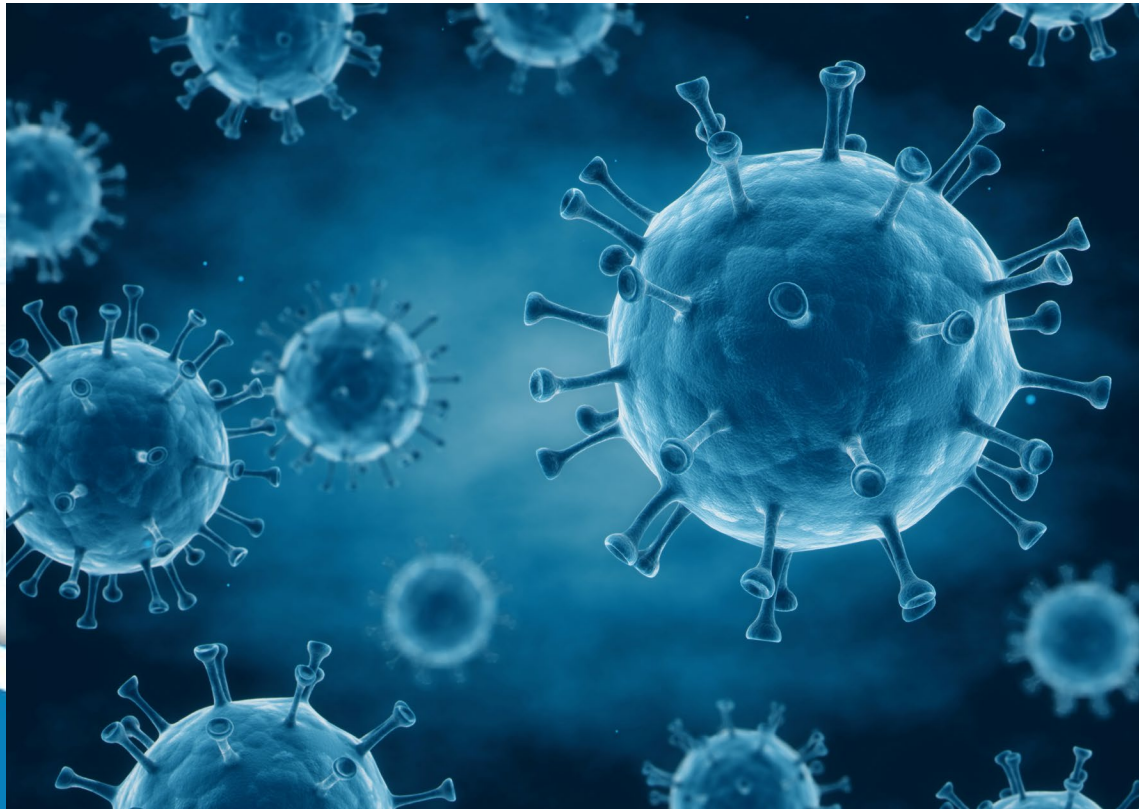
# Pillar 3: Enhance our One Health workforce for the future of innovation



- Gene-Editing Regulatory Science Council across FDA's human, animal, and plant programs
- Workforce for the Future of Innovation Plan
- Scientific Recruitment Strike Team
- One Health Code of Practice



# Pillar 4: Identify and address gaps specific to new technologies and emerging health threats



- Innovation Exploration Task Force
- Research on High Impact Emerging Technologies
- Adopt One Health Approach to Post-Market Challenges and Emerging Threats



FDA plans to make a case and set a vision for the strongest and most innovative future possible for veterinary and animal innovation

## Challenges

New Disease, Climate Threats

Supply Chains and Manufacturing Pressures

Economics of Low Margin Products; Minor Use/Minor Species

## Opportunities

Innovative Technologies

New Investments and Incentives

Smarter Regulatory Approaches

New Partnerships



But we can't do  
it alone

