FDA’s Animal and Veterinary Innovation Agenda

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Who is CVM?

- Animal Drugs and Devices
- Animal Cellular Therapies
- Animal Biotechnology
- Animal Food
Who Does CVM Work With?

- USDA
- CDC
- EPA
- States
- VetLIRN Labs
- Vets
- Regulated Industries
- Pet and Animal Owners
- Agricultural Producers
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- Vets
- Regulated Industries
- Pet and Animal Owners
- Agricultural Producers
- USDA
- FDA/CVM
- 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

- Stronger Supply Chains
- Healthier Veterinary Product Pipelines
- More approved products
- Leverage One Health Approaches
- Smart Approaches to Spur Innovation
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

- ADVANnce 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.
But we can’t do it alone