

Safeguarding Public Health- The Veterinary Role in Food Safety and Antimicrobial Resistance

II International Conference on
Food Safety and Joint Efforts
to Reduce AMR - Moscow

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Why Food Safety and AMR Matter Now

- Global interconnection of animal, human, and environmental health;
- Foodborne risks and antimicrobial resistance threaten sustainable food systems;
- One Health approach as a necessity, not an option;



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WOAH: Strengthening Animal Health for Global Public Health

- Founded in 1924; 183 Members
- Mission: Improve animal health, welfare, and public health globally
- Works in close partnership with FAO, WHO, UNEP under the Quadripartite Alliance



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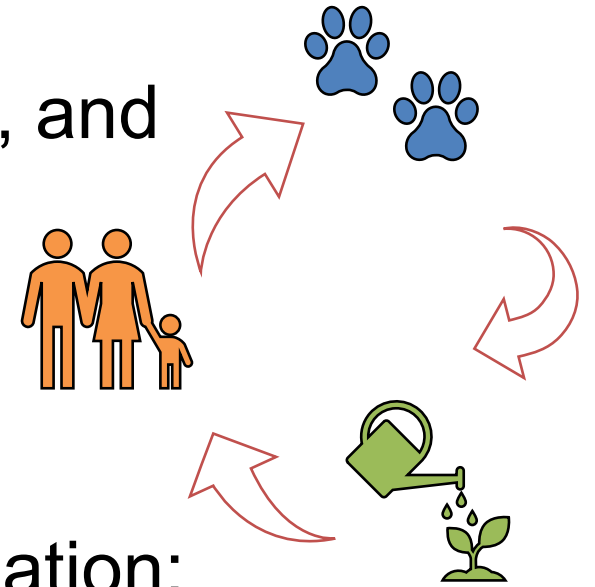
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One Health: The Foundation of Our Approach

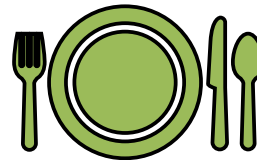
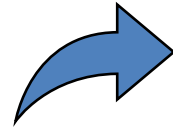
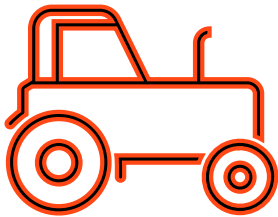
- Recognizes the interconnectedness of human, animal, and environmental health;
- Collaborative surveillance, data sharing, and risk mitigation;
- Joint response to AMR, foodborne pathogens, and zoonoses;





Veterinarians: Guardians of the Food Chain

- From “farm to fork”: ensuring safe animal production and food hygiene;
- Implementation of WOAH International Standards (Terrestrial & Aquatic Codes);
- Oversight of animal health certification and sanitary measures;



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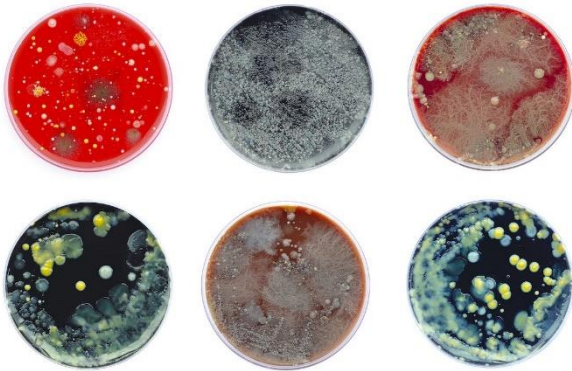
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Antimicrobial Resistance Threatens All Sectors

- Misuse and overuse of antimicrobials in animals and humans;
- Spread of resistant bacteria through food, water, and trade;
- Estimated 10 million deaths annually by 2050 if unaddressed;



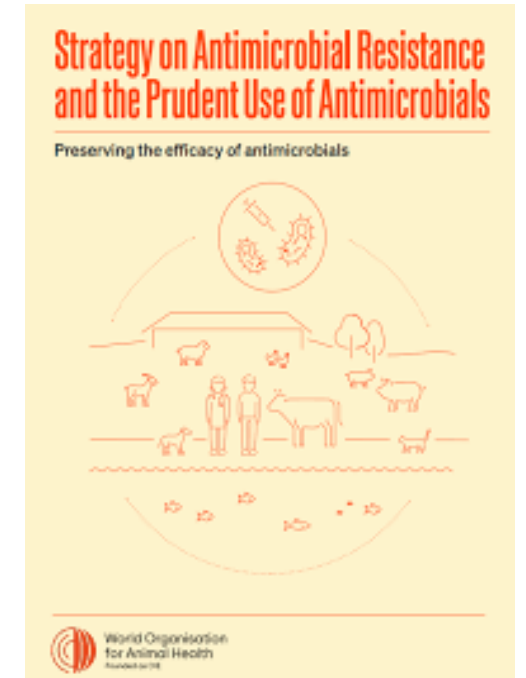
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- Adopted in 2016, aligned with the Global Action Plan on AMR
- Four objectives:
 1. Improve awareness and understanding;
 2. Strengthen surveillance and research;
 3. Enhance governance and regulatory frameworks;
 4. Promote responsible and prudent use;



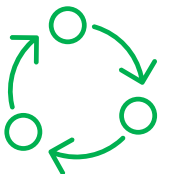


- AMR National Focal Points & Laboratory Networks;
- Global Database on Antimicrobial Agents in Animals (ANIMUSE);
- Training programs for veterinarians and regulatory authorities;
- Support for legislation and monitoring frameworks in Member Countries;





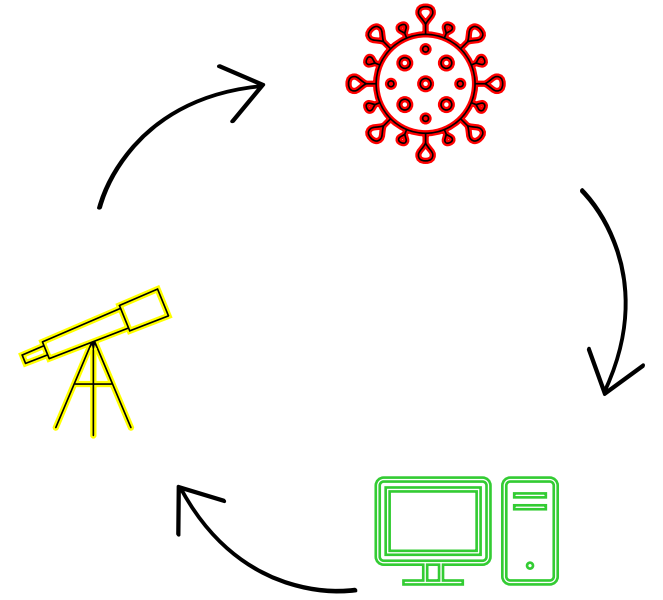
Food Systems as a Critical Control Point

- Importance of food hygiene, traceability, and veterinary oversight 
- Integration of AMR risk management into Codex standards 
- Cross-sector collaboration among food safety authorities 





- Building harmonized surveillance systems;
- Linking AMR and antimicrobial use data;
- Use of WOAHA's Global Database (ANIMUSE) to guide policy;





- Regional AMR action plans and training (Asia-Pacific, Europe, Africa);
- Integration of WOAAH tools into national frameworks;
- Examples of reduced antimicrobial use through veterinary



stewardship;



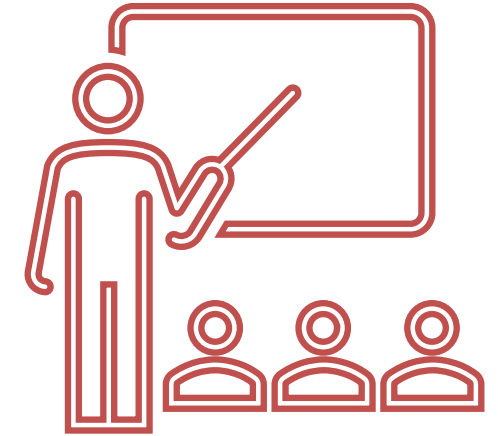


- Uneven implementation of standards and reporting;
- Need for continued investment and political commitment;
- Digital tools and innovation for AMR monitoring;





- Reinforce One Health collaboration;
- Empower veterinarians as agents of change;
- Harmonize standards, strengthen surveillance, and promote research;





- Veterinarians play a pivotal role in safeguarding food safety and combating AMR;
- WOAH standards and strategies guide global action;
- Collective responsibility: “One Health – One Responsibility”;





Thank You !

- Contact: Dr Vasili Basiladze, v.basiladze@woah.org
- “Together, we can ensure safe food and a safer future.”



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