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**2nd OIE Global Conference on Antimicrobial Resistance
and the Prudent Use of Antimicrobials in Animals:
Putting Standards into Practice
Marrakesh (Morocco) 29 – 31 October 2018**

Addis Ababa – Debre-Zeit (Ethiopia) 9-11 July 2019



WORLD ORGANISATION FOR ANIMAL HEALTH *Protecting animals, preserving our future*

2nd OIE Global Conference on Antimicrobial Resistance and the Prudent Use Antimicrobials in Animals

- 500 participants
- 95 countries
- Ministers, OIE Delegates
- National Focal Points for Veterinary Products
- experts, professionals, policy makers, international organisations and donors



Recommendations available
on the OIE website

http://www.oie.int/fileadmin/Home/eng/Our_scientific_expertise/docs/pdf/AMR/A_2nd_OIE_Global_Conf._Recommendations.pdf

2nd OIE Global Conference on Antimicrobial Resistance: Recommendations and the Prudent Use Antimicrobials in Animals

RECOMMENDATIONS TO THE OIE

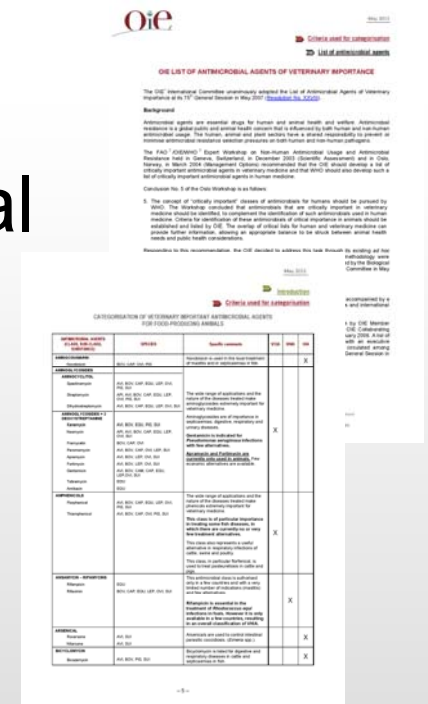
- Continue updating **standards**
- PVS pathway to provide tools with **greater focus on AMR**
- Further **develop the OIE List of Antimicrobial Agents of Veterinary Importance**
- Work with **private sector partners**
- Support Members in the development of their **communication activities**
- Encourage research on and development for **alternatives to antimicrobials**



Recommendation 3 on the OIE List of Antimicrobial Agents of Veterinary Importance and the Prudent Use Antimicrobials in Animals

Subdivide the list by different animal species including companion animals:

- ▶ collaboration with the World Small Animal Veterinary Association (WSAVA)
- ▶ focus on poultry as a starting point
- ▶ development of a methodology



Recommendation 4 on data collection and the Prudent Use Antimicrobials in Animals

To further develop the OIE data collection on Antimicrobial Agents Intended for Use in Animals:

Third Report:

- 153 Members and two non-members participated
- 118 Members reported quantitative data (10 new countries)
- Publication launched in February 2019

Fourth round started in September 2018

- 150 Members replied and data currently analysed



Antimicrobial Use Kiosk



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OIE Antimicrobial Use Check



Recommendation 5: GLOBAL REPOSITORY OF AVAILABLE GUIDELINES FOR RESPONSIBLE USE OF ANTIMICROBIALS IN ANIMAL HEALTH

In the context of promoting prudent use of antimicrobials under veterinary supervision, the WVA and the World Organisation for Animal Health (OIE) conducted in 2018 a survey to create a global repository of available guidelines for responsible use of antimicrobials in animal health.

A list of 75 guidelines, action plans and promotional material on prudent use of antimicrobials, covering large number of countries, languages, veterinary aspects and animal species is available on the WVA website :

<http://www.worldvet.org/news.php?item=417>



The screenshot shows a table titled "Available guidelines for the responsible use of antimicrobials in Animal Health". The table has five columns: Country, Guidelines name, Language, Specie, and Prepared by. It lists several guidelines from Austria, Brazil, and Canada.

Country	Guidelines name	Language	Specie	Prepared by
Austria	National Action Plan for Antibiotic Resistance (Nationaler Aktionsplan zur Antibiotikaresistenz)	German	General	Social Ministry of Austria
Brazil	National Action Plan for Prevention and Control of Antimicrobial Resistance in the Agriculture Field 2018-2020 (Plano De Ação Nacional De Prevenção E Controle Da Resistência Aos Antimicrobianos, No Âmbito Da Agropecuária 2018-2020)	Portuguese	General	Ministry of Agriculture of Brazil
Canada	Canadian Veterinary Medical Association - Antimicrobial prudent use guidelines 2008 for beef cattle, dairy cattle, poultry, and swine	English	Beef cattle, dairy cattle, poultry, and swine	Canadian Veterinary Medical Association
	Federal Action Plan on antimicrobial resistance and use in Canada	English	General	Public Health Agency of Canada
	Antimicrobial resistance and animals - Actions	English	General	Government of Canada
	Antimicrobial Stewardship	English French	General	Canadian Animal Health Institute (CAHI)
	CFIA Science Fact Sheet: Antimicrobial Resistance	English	General	Canadian Food Inspection Agency

Recommendation 6 on an Information system on falsified and substandard drugs and the Prudent Use Antimicrobials in Animals

Explore the possibility of building an information system of falsified or substandard drugs circulating illegally in the animal sectors

- ▶ evaluation of the WHO's Global Surveillance and Monitoring System for substandard and falsified medical products
- ▶ options for implementing a similar system in a veterinary context
- ▶ topic included in the 6th training cycle for Veterinary Product Focal Points



Recommendation 7: Alternatives to Antibiotics (ATA): 3rd International Symposium, December 2019, Bangkok

ABSTRACT CATEGORIES:

- Vaccines
- Microbial-derived products
- Phytochemicals
- Immune-related products
- Innovative drugs, chemicals and enzymes
- Regulatory pathways to enable the licensing of alternatives to antibiotics



Deadline: 31 August 2019, Thailand

<https://www.ars.usda.gov/alternativestoantibiotics>

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**3rd International Symposium
on Alternatives to Antibiotics (ATA)**
Challenges and Solutions in Animal Health and Production
The Berkeley Hotel, Bangkok, Thailand
16-18 December 2019

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The 3rd International Symposium on Alternatives to Antibiotics (ATA) will be held during December 16-18, 2019 in Bangkok, Thailand. The theme this year is “**Challenges and Solutions in Animal Health and Production**” with 7 session topics. Researchers from around the world are invited to submit abstracts for presentation at our 2019 symposium.

Recommendation 10: support OIE Member Countries in the development of their communication activities: OIE Standards

WE NEED YOU Communication campaign Tools

- WE NEED YOU Animal Posters
- Series of Leaflets
- Campaign Videos
- Social Media Squares
- Website Banners
- Infographic & Radio Script
- Campaign Website:

www.oie-antimicrobial.com



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RECOMMENDATIONS TO OIE MEMBER COUNTRIES

- To continue the **implementation of the OIE Strategy** on AMR and the Prudent Use of Antimicrobials, adopted in 2016; and strengthen their national legislation and human capacity if needed;
- To develop, approve and implement **national action plans** for AMR under a “One Health” approach, taking into account multi-sectoral and multinational experience and aligned with the Global Action Plan;
- To **follow the recommendations in the OIE List of Antimicrobial Agents of Veterinary Importance**, in particular regarding restrictions on the use of fluoroquinolones, third and fourth generation cephalosporins and colistin, and to phase out the use of antibiotics as growth promoters, in the absence of risk analysis, giving priority to the classes in the WHO category of Highest Priority Critically Important Antimicrobials

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RECOMMENDATIONS TO OIE MEMBER COUNTRIES

- To **contribute to the OIE annual collection of data on antimicrobial agents intended for use in animals**, and to publish, whenever possible, their own national reports on the sales or use of antimicrobial agents in relation to the animal population of the country;
- To promote a strong **collaboration between the public and private sectors**, in particular veterinarians, veterinarians paraprofessionals, and farmers in order to implement the principles of good animal health/husbandry practices including biosecurity measures to reduce the need for antimicrobials and take steps to ensure that, when their use is unavoidable, they are used in a responsible and prudent manner in accordance with relevant international standards, including Chapter 6.10 of the *Terrestrial Animal Health Code* and Chapter 6.2 of the *Aquatic Animal Health Code*;

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RECOMMENDATIONS TO OIE MEMBER COUNTRIES

- To **support National Focal Points for Veterinary Products** active participation in training seminars and take advantage of their expertise to support the implementation of national AMR-related activities and regional and global projects in collaboration with all interested parties and sectors;
- To mobilise adequate resources to **develop sustainable communication and behaviour change activities** targeting AMR in line with OIE international Standards, and ensuring the strategic development of activities that include all relevant animal health stakeholders.
- To strengthen **curricula of veterinarians and veterinary para-professionals** on antimicrobial resistance based on OIE guidelines and following a “One Health” approach.

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RECOMMENDATIONS TO THE TRIPARTITE (FAO, OIE, WHO)

- ❑ To further strengthen international collaboration and coordination, for **surveillance and monitoring of AMR and antimicrobial use in different sectors and support implementation of standards and guidelines** related to responsible and prudent use of antimicrobial agents in animals in partnership with relevant professional organisations;
- ❑ To collaborate with the World Bank, the Organisation for Economic Co-operation and Development and other related institutions on the **strengthening of the economic case** for sustainable investment in the prevention and control of AMR, and providing appropriate economic and social analysis, that can be considered by policy makers and risk managers and **help countries to prioritize their investment**;

Tripartite activities: recent developments



- ▶ Memorandum of Understanding 2018
- ▶ The Tripartite workplan on AMR
- ▶ Multi-Partner Trust Fund
- ▶ Monitoring and Evaluation of the Global Action Plan on Antimicrobial Resistance

http://www.oie.int/fileadmin/Home/eng/Media_Center/docs/pdf/onehealthportal/MoU_Tripartite_Signature_May_30_2018.pdf

Tripartite activities: recent developments

UN Inter-agency coordination Group (IACG)

- Set up by the UN Secretary General as per request of the 71st UN General Assembly
- OIE represented in the coordination group, and in the Tripartite IACG secretariat
- Mandate: practical guidance on sustained global action on AMR
 - ➔ IACG report provided to the UNSG in April 2019
 - 14 recommendations, including on global governance

<http://www.oie.int/en/for-the-media/press-releases/detail/article/new-report-calls-for-urgent-action-to-avert-antimicrobial-resistance-crisis/>

Tripartite activities: recent developments

UNSG report to the 73rd UN General Assembly

Drafted by the Tripartite and handed to the UN Secretary General in April 2019

- ▶ Update on implementation of UN declaration A-71/3
 - Including support to Members' capacities to effectively address antimicrobial resistance by collectively elaborating and implementing multisectoral One Health National Action Plans (NAPs)
- ▶ Linking to the IACG recommendations
- ▶ Conclusion and ways forward
- ▶ <https://undocs.org/pdf?symbol=en/A/73/869>

OIE Working Group on AMR

To support the implementation of the OIE Global Strategy on AMR and the organization's capacity to respond to global challenges



OIE Working Group on AMR

Members

- Tomoko Ishibashi - Chair (Japan)
- Gérard Moulin (France)
- Donald Prater (USA)
- Moritz van Vuuren (South Africa)
- Fajer Al Salloom (Bahrain)
- Stephen Page (Australia)
- Barbara Freischem (European Medicines Agency)



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