



WORLD VETERINARY DAY 2017

THEME

ANTIMICROBIAL RESISTANCE – FROM AWARENESS TO ACTION

And the winner is....

World Veterinary Day is observed each year on the last Saturday in April to recognize the work of veterinarians around the world for their contributions to improve animal health and welfare, as well as public health. Each year the World Veterinary Association (WVA) and the World Organization for Animal Health (OIE) organize the World Veterinary Day Award to reward the most successful contribution by the veterinary profession on the selected annual theme. For 2017, the theme was **“Antimicrobial Resistance – from Awareness to Action”**.

The availability and use of antimicrobial drugs has transformed the practice of human and animal medicine. Infections that were once lethal are now treatable, and the use of antimicrobial agents has advanced global health as well as animal health, which is a key component of animal welfare, food security and food safety. Safeguarding the efficacy of these life-saving medications, as well as their availability and effectiveness for both human and veterinary use, is essential to preserve our future. However, overuse and misuse of these drugs in humans, animals and plants sectors has dramatically accelerated the emergence of resistance to antimicrobials.

Veterinarians and veterinary paraprofessionals have a key part to play in the fight against Antimicrobial Resistance (AMR), through their role in regulating and supervising the use of antimicrobials, offering professional advice to farmers and animal owners and collaborating with the human health sector. To continue to progress in disease control management and in improving animal welfare, veterinarians need to encourage and achieve a sustainable change in behavior towards responsible and prudent antimicrobial use.

There were 18 nominated projects this year representing 16 countries which encompassed excellent entries making this year’s decision even more difficult, and yet especially deserving. The winner was selected according to the quality of the project and related activities, the ability to raise awareness on the topic through communication materials and media coverage in their country, and their capacity to demonstrate specific actions to improve responsible use of antimicrobials.

On 21st May, during the opening ceremony of the OIE General Session, based on their extensive contributions in areas of AMR, the WVA and OIE announced the winner of the 2017 World Veterinary Day Award: **The National Council of the Order of Veterinarians of France**. The official presentation of the Award will take place at the 33rd World Veterinary Congress in Incheon, Korea.



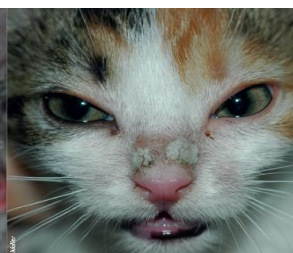
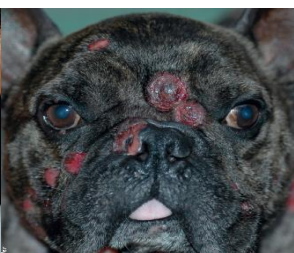
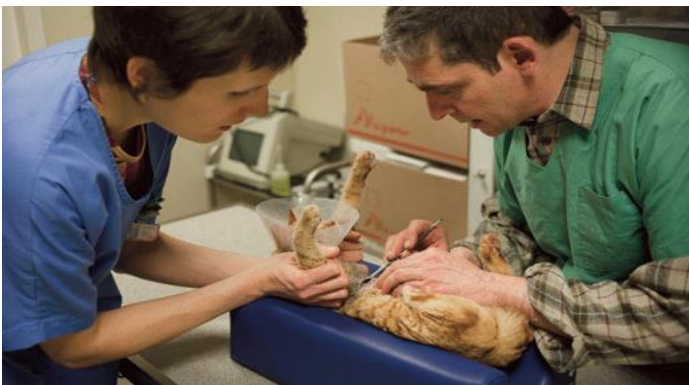
FRANCE - Conseil National de l'Ordre des vétérinaires

The French Ministry of Agriculture, Agri-Food and Forest initiated the Ecoantibio plan at the end of 2011, to reduce the risk associated with the use of antibiotics in medicine veterinary. The Ecoantibio plan sets a dual reduction target: a quantitative target of a 25% reduction in the use of antibiotics in veterinary medicine in 5 years (2012-2016); a qualitative objective of reducing the use of critically important antibiotics – those whose priority should be human medicine.

To achieve the objectives of the Ecoantibio plan, 40 actions have been defined and grouped into strategic axes. A great deal of emphasis has been placed on awareness-raising, communication, information, and initial and ongoing training of veterinarians and breeders. The professional organizations of veterinarians and breeders, as well as the College of Veterinarians have been fully involved.

The following activities have been completed around continuing education in the "One Health" approach to fight antimicrobial resistance:

- 7 meetings for veterinarians and human health professionals.
- 8 continuing education sessions in the regions for veterinarians.
- 3 national congresses for pet veterinarians.
- 2 national congresses for livestock veterinarians.
- 3 continuing education publications for pet and equine veterinarians.
- 5 publications of continuing education for livestock veterinarians.
- 3 software for veterinarians for livestock.
- 4 national symposiums for veterinarians, human health professionals and the media.
- 6 national measures forming part of the Ministry of Agriculture's national Ecoantibio Plan 2017 for veterinarians, pharmacists, doctors, breeders and the general public.



WORLD VETERINARY DAY – 2017



WORLD VETERINARY
ASSOCIATION



World
Organisation
for Animal
Health

The WVA would like to offer our sincere thanks to all the veterinary associations that celebrated the WVD 2017, with special thanks for the enormous efforts and preparations performed by these organizations to celebrate the veterinary profession under the theme of “Antimicrobial Resistance – from Awareness to Action.”

Please find, hereafter, short summaries of the other celebrations and activities around the world, helping to bring us closer to our common goal.

ARGENTINA - University of Buenos Aires, Faculty of Veterinary Science

- Training of future veterinarians with criteria of prevention of bacterial resistance: Professors and Assistant professor from the Departments of Microbiology, Immunology, and Pharmacology teach antimicrobial resistance issues for undergraduate students in different subjects of the Veterinary career.
- Training of graduated veterinarians:
 - “Advances in the implementation of the National Strategy for the Control of Antimicrobial Resistance”
 - “Molecular studies of CNS (identification and resistance genes)”
 - “Antimicrobial resistance in pet bacteria”
- Postgraduate training, including:
 - “Emerging Transmissible Diseases”
 - “The resistance pandemic: the problem of today's antimicrobial resistance in veterinary medicine”
 - “Bovine Mastitis, Evolution of resistance of Gram-positive cocci to antibiotics and Resistance genes”
- Scientific articles / Journal publications

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FORMACIÓN DE BIOFILM EN STREPTOCOCCUS PRODUCTORES DE MASTITIS BOVINA

Research in Veterinary Microbiology / Track 10-3

Bovine mastitis: staphylococci and resistance genes towards β -lactams and macrolides-lincosamides antibiotics in Argentina

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BANGLADESH - Bangladesh Livestock Association (BLS)

BLS organized weekly activities of several programs. These covered 280 square kilometers including 11000 households; 262251 peoples were directly benefited.

- Media: World veterinary day and its theme were broadcast by local radio & local print media to the people of a 2408 sq. km area. The whole country was made aware about our program by daily national news.
- Boat Campaign about Antimicrobial resistance in water kingdom: discussed river pollution by fertilizer and PVC material through human use, and ultimately microorganisms with resistance.
- Free Medicine Health status checking, and Free vaccination campaign: included discussion about various viral, bacterial, fungal and parasitic disease of animal and ways to overcome them.
- Awareness about animal health and diseases: training about Anthrax, FMD, PPR and Parasitic diseases and their remedy was conducted by RU Deputy Registrar.
- Colorful Rally on WVD-2017 from Rajshai Court building to Silicon city, Rajshahi. This program started at 7.00 am opened by the by Chief Editor BLJ & Professor Dr. M. Khalequzaman, Department of Zoology, RU. This rally attended the Upazilla Livestock officer, BLS officers, RU officials, SAU intern veterinary doctors and media personnel.



BANGLADESH – Department of Livestock Services & The Vet Executive

This year for the first time “Department of Livestock Services(DLS)” and ‘The Vet Executive’ have jointly organized World Veterinary Day. The day-long celebration included:

- World Veterinary Day Rally
- Seminar and Cultural program (Performed by DVM Students of different University of Bangladesh).
- All the people of Veterinary Sector, DG of DLS, policymakers, Livestock Minister, Organizing secretary of the ruling party were present in the celebrations.
- Keynote presentation: Professor Dr. Nitish C. Debnath, One Health Coordinator, FAO Bangladesh. The program was presided over by Dr. Md. Ainul Haque, Director General; Department of Livestock Services (DLS). The program was anchored by the Dr. Mohammad Habibur Rahman Mollah, Member Secretary of the World Veterinary Day Celebration organizing committee and President, The Vet Executive.



CUBA – Scientific Veterinary Council of Cuba

- Training was carried out in 5 regions of the country from 1998 onwards. Workshops on veterinary products were developed at the central level
- Regulations and Cuban Standard were established by the Director of the Institute of Veterinary Medicine of the Ministry of Agriculture (IMV), regarding the use and registration of antimicrobials.
- Cuban Standard 1097 of 2015 "Good Practices for the Use of Veterinary Products", in general contains all veterinary products, but contains an item dedicated to Antimicrobial Resistance, including prescription guidelines and record-keeping.
- Included two specialists from the Directorate of Animal Health (DSA) in the Republic of Peru, in relation to the national multisectoral plan of action in the fight against AMR in the countries of the Americas.



DENMARK – Danish Small Animal Veterinary Association

- Began formally updating guidelines for antibiotics use
 - In 2012 The Danish Small Animal Veterinary Association made a Guideline for prudent use of antibiotic. This Guideline we are currently updating as we find it very important to be as evidence based as possible and we wish our guidelines to reflect scientific knowledge on this subject
- Produced fliers for distribution of information to pet owners visiting animal hospitals.
 - Veterinarians experienced a need for information to the owners of why their pet didn't get medication for every single disease. Why some infections couldn't be treated with antibiotics and why some could. Further more there was a lack of knowledge with the owners on how to handle the biosecurity if the pet was infected with ESBL and MRSP.
 - Three small handouts with information about:
 - ESBL – Extended-spectrum beta-lactamases
 - MRSP – Methicillin-resistant *Staphylococcus pseudintermedius*
 - Antibiotics – how, why and why not



ETHIOPIA - Ethiopian Veterinary Association

- WVD Celebration and Awareness creation Workshop addressed directly more than 80 participants drawn from various national & international governmental and non-governmental institutions and organizations. Topic: Challenges And Possible Solutions To Prevent & Combat AMR
- Mass media broadcasting: FM Sheger 102.1 live (Radio), Bisrat Addis 101.1 News coverage (Radio), Ethiopian News Network (ENN) News coverage (TV), Ethiopian News Agency (TV & Radios), Fana Broadcasting Corporate (TV & Radio), Addis TV (periodic news)
- Publications: Ethiopian Herald Newspaper (6 May 2017), Addis Zemen Newspaper (9 May 2017), Reporter Newsletter (under publication)



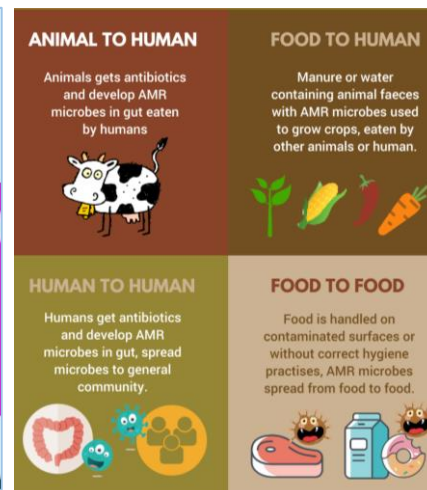
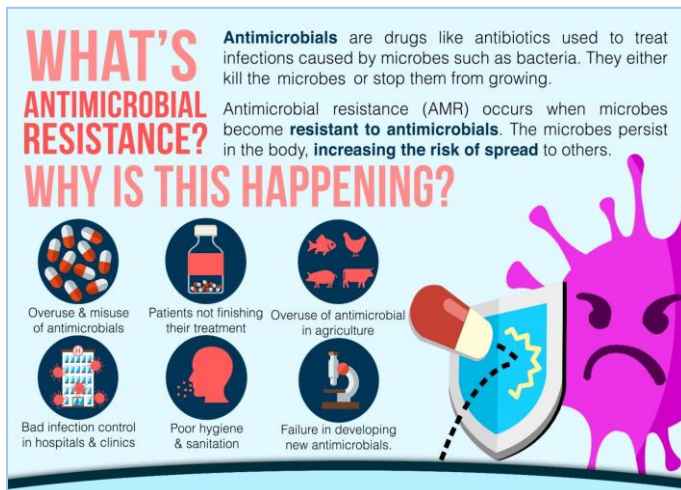
KENYA – Kenya Veterinary Association

- Public Barraza for awareness creation to discourage treatment of animals by unqualified personnel
- Media engagements to advocate for the government to strengthen the regulation of the veterinary drugs in Kenya
- Kenya Veterinary Association and Commonwealth Veterinary Association Golden jubilee celebrations and international Scientific conference
- Animal disease control and preventive measures undertaken to control diseases and minimize treatments- Mass vaccination campaigns at the human, livestock and wildlife interface
- Livestock producers exhibitions- Dairy producers exhibition, poultry producers exhibition and Beef producers exhibition.



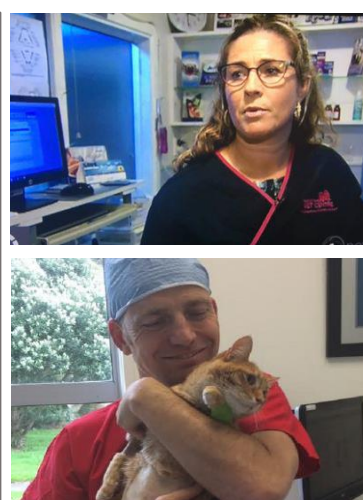
MALAYSIA – Universiti Putra Malaysia, One Health Students Club

- Antimicrobial Resistance infographic design competition: organized to have secondary school students and undergraduates involved in educating the public about antimicrobial resistance through their own personalized infographic posters. Designed posters were uploaded onto the One Health Students Club Facebook page for the public to view and understand.
- One Health Ambassadors: Phase 2 – The Movement: aimed at undergraduates of the animal health, human health and environmental health fields. This event was organized to develop future One Health workforce for the attainment of optimal health for humans, animals and our environment through transdisciplinary collaboration. Talks on antimicrobial resistance by respected experts are included into this event in order to raise awareness of this problem among undergraduates.



NEW ZEALAND - New Zealand Veterinary

- Media outreach: focused on building awareness about the global issue of antimicrobial resistance and support for our actions relating to our 2030 AMR goal: By 2030, NZ Inc will not need antibiotics for the maintenance of health and welfare in animals.
- Social media campaign: Online, Our post about AMR in the science section of The Spinoff had more than 2,500 views and was shared widely on social media.
- Website campaign: We used banners on the homepage of the website to direct visitors to our online resources on the AMR issue and what we are doing about it.
- Member engagement: Leading up to World Veterinary Day, we used our internal communication channels to let our members know that World Veterinary Day was coming up and the theme for 2017
- Stakeholder engagement: We engaged with stakeholders through our regular face-to-face contact, meetings, and presentations and used the opportunity to talk about the theme and the day.
- International conference (poster): NZVA hosted the 3rd International Conference on Animal Health Surveillance
- Surveillance. Two days of the conference focused specifically on AMR. There were 145 animal health surveillance specialists and colleagues representing 17 countries. The majority were veterinarians.



NIGERIA – Nigeria Veterinary Medical Association

Number of selected activities – 10 (ten) replicated in many state chapters in Nigeria

- News conference & puts releases /public announcement
- Tv & radio documentary
- Seminar /public lectures
- Road shows and rallies
- Newspaper /print media coverages
- Online media coverages
- Sensitization visits to live bird market & abattoir
- Anti rabies vaccination campaign / campaign against stray dogs & open defecation
- Special posthumous award
- School debate & quiz
- Advocacy visit to community /traditional rulers



SPAIN – General Council of Veterinary Colleges of Spain

Activities with the aim of maintaining the advantages and benefits of antibiotics and other veterinary medicinal products as well as other innovative animal health products following their development and placement on the market.

- Develop guidelines by species that establish guidelines for the responsible use of veterinary medicinal products, including antibiotics, used to prevent, control or treat the diseases of the animals or to manage the productions.
- Elaboration of a reference web portal in our country on responsible use of veterinary medicinal products, called "Vetresponsible," which houses the guides and information intended for veterinarians, ranchers and pet owners.



TUNISIA – Tunisian Society of Veterinary Medicine & Directorate General of Veterinary Services

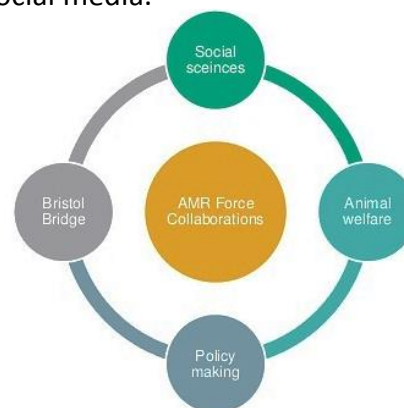
- Messages and Posters on 5 themes: 1. Scientific news, 2. Health news and EcoAntibio Tunisian plan for breeding, 3. Tripartite collaboration between OIE-WHO-FAO in the fight against antimicrobial resistance, 4. Impact on health and alternatives, 5. Laboratories
- Viewing of spots and videos about antimicrobial resistance: videos developed by international organizations were selected and visited continuously during open space.
- Identification of critical points in the veterinary medicines circuit and proposal of concrete solutions: A scheme illustrating the veterinary drug circuit (from import to distribution) was developed. Circuits of the drugs responsible directly or indirectly for the problem of antibiotic resistance were identified, and practical corrective actions for each were proposed.
- Brainstorming for the choice of a campaign slogan and logo to launch
- Artistic Contest: for the best artistic work related to antimicrobial resistance. Prizes included a smartphone and a TV spot on antimicrobial resistance.



UNITED KINGDOM – AMR Force / British Veterinary Association

The AMR Force has inspired and enacted change in antimicrobial use on farms and in veterinary prescribing practice throughout the UK. Specifically, the AMR Force has made lasting impacts in:

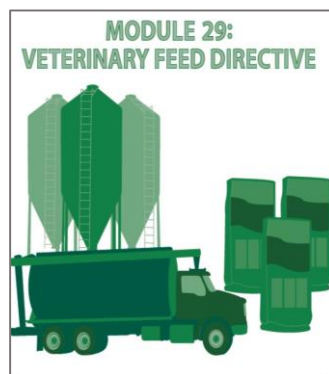
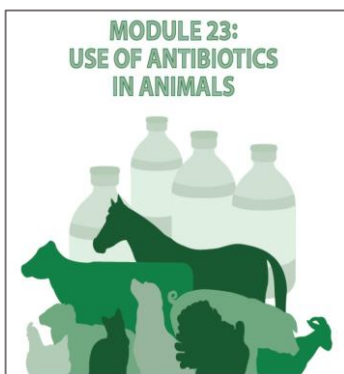
- Changing prescribing practice of veterinarians through farm practice clinicians leading the way by achieving dramatic changes in prescribing practices, reducing use of the highest priority critically important antimicrobials to zero in our own livestock practice and training other veterinarians to do the same.
- Changing husbandry practices and medicine use of farmers through engaging farmers in antimicrobial stewardship policy development (van Dijk et al., 2016)
- Survey of dairy farmers' views on AMR in collaboration with the Royal Association of British Dairy Farmers.
- Participatory Action Groups for farmers to encourage responsible use of antimicrobials and share best practice in collaboration with the dairy levy body.
- Annual World Antimicrobial Awareness Week evening seminars for veterinarians, medical professionals and veterinary, medical and dental students.
- Spreading the word - engagement with the public via websites and social media.



UNITED STATES – American Veterinary Medical Association (AVMA) & Center for Food Security and Public Health (CFSPH)

The CFSPH has developed a broad range of materials including web-based courses, training modules, and educational handouts designed to raise awareness, provide education, and inspire action for animal health, human health, and public health professionals and students, as well as livestock producers and the general public. Two modules, developed in collaboration with human and animal health professionals from government and veterinary organizations, and industry, specifically address antibiotic use and resistance.

- Module 23: Use of Antibiotics in Animals. This module reviews the terms and concepts necessary for veterinarians to make informed decisions for the proper selection and judicious use of antibiotics in animals. The various benefits and limitations of antibiotic susceptibility testing options and how to correctly interpret a drug label are presented.
- Module 29: Veterinary Feed Directive (VFD). The module begins with an introduction to antimicrobial resistance and the need for veterinary supervision of medicated feed, U.S. Food and Drug Administration (FDA) regulatory oversight, and development of new animal drugs to be delivered in feed.
- In partnership with the AVMA, CFSPH is developing a module on topics of honeybee health, diseases, diagnosis, treatment, etc. The judicious use of antibiotics will be emphasized throughout the module.



UGANDA – Uganda Veterinary Association (UVA)

- Press release by the State Minister Animal Industry at the Media centre, Kampala, to officially launch the week of World Veterinary Day activities, and introduce the theme.
- Seminars: Experts/researchers on AMR shared their findings, and other studies, to an audience at College of Veterinary Medicine, Animal resources and Biosecurity (COVAB), Makerere University.
- School Outreach: Mpigi District, Central Uganda. Veterinarians presented a simplified message and skits portraying dangers of AMR and people's role in minimizing the effects.
- Peoples parliament: aired on National TV. Stakeholders and the public discussed AMR in a format organized to resemble Parliamentary proceedings.
- Veterinary March and promotional materials and Speeches
- Newspaper articles: published in both National Newspapers to create awareness in the entire country.
- Radio talk shows: aired on a local radio station targeting farmers in central Uganda – an area where antibiotics are commonly misused in poultry and people, and there are often cases of AMR.
- Exhibition of Medicines commonly used on the market: to raise awareness of available medicines.

