



Hands-on training for farmers and veterinarians: New measures to fight antimicrobial resistance

Thessaloniki, Greece

Capsis Hotel (16 Monastiriou St, Thessaloniki, 546 29, Greece)

Registration link: <https://forms.office.com/e/qxr3cCQC2H>

Networking dinner

6 February 2025, 19:30, Capsis Hotel

Training session

7 February 2025, 9:00 to 17:30, Capsis Hotel

08:00	Registration
09:00	Start of the session

Opening of the session

9:00 – 9:05	Andrea CASTRO , AENOR moderator	Welcome and introduction, presentation of guest speakers, presentation of trainers' team
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Welcome address

9:05 – 9:20	<ul style="list-style-type: none">- Ms. Anastasia PAGIDA, DG SANTE- Dr. Katerina Marinou, Acting Chief Veterinary Officer of Greece, Greek Ministry of Rural Development and Food
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Presentation by DG SANTE

9:20 - 9:30	Ms. Anastasia PAGIDA
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Introduction to training programme

9:30 - 9:35	Cristina MUÑOZ Training coordinator, Trainer	Course topics, objectives and activities are explained.
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Pre-training test

9:35 - 9:45	Andrea CASTRO	Self-assessment test to measure participants' knowledge
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Part 1 – Presentations on Antimicrobial resistance legislative framework at EU and national level

1. Antimicrobial resistance impact

9:45 10:20	Cristina MUÑOZ & Aikaterini PLEVRAKI Trainer 3	General data and figures on resistance will be presented, as well as the economic impact and the actions taken.
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2. Introduction to overall EU regulatory framework supporting best practices to fight AMR.

10:20 10:55	Michael KAKANIS, Trainer 2	<p>Brief introduction to the main provisions included in the new regulation in relation to the prudent use of antimicrobials:</p> <ul style="list-style-type: none"> ✓ Antimicrobial definition in the Regulation (EU) 2019/6 on Veterinary Medicinal Products (VMP) ✓ VMP regulation in prophylaxis and Metaphylaxis treatment ✓ Veterinary prescription and record keeping ✓ Marketing authorisation (SPC/leaflet) ✓ Use of VMP outside the Marketing authorization
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10:55 – 11:25 (30 MIN) *Coffee break*

3. Important elements of the new EU VMP & MF regulations, and national related legislation and/or guidelines for veterinarians & farmers (I)

11:25 12:00	- Cristina MUÑOZ, - Aikaterini PLEVRAKI	<p>Common elements for EU veterinarians and farmers, with focus on VMP:</p> <ul style="list-style-type: none"> ✓ The new EU Medicated Feed Regulations ✓ Veterinary prescriptions and use of medicated feed ✓ Delegated Regulation on Oral Administration ✓ Prescriptions and use of VMP at EU and national level ✓ Obligations for farmers and veterinarians
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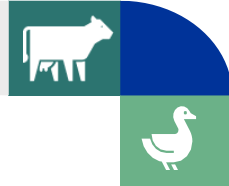
4. Important elements included in the new regulations, on VMP & MF and national related legislation and/or guidelines to be considered by veterinarians & farmers (II)

12:00 12:35	- Michael KAKANIS, - Aikaterini PLEVRAKI	<p>Common elements for EU veterinarians and farmers, with focus on Antimicrobial medicinal products :</p> <ul style="list-style-type: none"> ✓ Lists of Antimicrobials: General, Specific Cases & Species use ✓ Delegated and Implementing Regulations (tertiary legislation) ✓ Pharmacovigilance ✓ Best practices for VMP disposal ✓ Prudent use guidelines. ✓ Animal Health Law (AHL) on transmissible animal disease ✓ National regulations
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Instructions for group exercises

12:35 12:55	Sebastián MOYA, Trainer 4	Instructions for group exercises
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LUNCH 12:55 – 13:55 (60 MIN)



Part 2 – Hands-on training: veterinarians and farmers towards a common goal

Group Exercise 1. Identifying the challenges in implementing best practices and further reduce the need to use antimicrobials

13:55 14:25	Sebastian MOYA	<p>Veterinarians and farmers are grouped separately.</p> <p>Identification of challenges and opportunities observed in the field that impact the implementation of best practices and further reduction of AMU, such as:</p> <ul style="list-style-type: none"> ✓ husbandry conditions, ✓ disease situation, ✓ biosecurity, ✓ animal health visits, ✓ diagnostic testing, ✓ prescription and use of antimicrobials, etc
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Group Exercise 2.A. Enhancing collaboration of veterinarians and farmers in finding solutions to address barriers and enforce the prudent use of antimicrobials

14:25 14:55	Sebastian MOYA	<p>Veterinarians and farmers will be grouped in mixed small groups per specie.</p> <p>This group exercise will be focused on how to improve <u>husbandry practices</u>.</p>
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Group Exercise 2.B. Enhancing collaboration of veterinarians and farmers in finding solutions to address barriers and enforce the prudent use of antimicrobials

14:55 15:25	Sebastian MOYA	<p>Veterinarians and farmers will be grouped in mixed small groups per specie.</p> <p>This group exercise will be focused on how to reduce the use and have a more responsible <u>use of antimicrobials</u>.</p>
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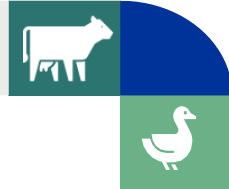
Group Exercise 3.A. Best practices to improved husbandry practices. Common presentation and discussion

15:25 15:50	Sebastian MOYA	<p>Collaboration between veterinarians and farmers is fostered by sharing solutions to <u>enhance husbandry practices</u>.</p> <p>The outcomes from the round tables 2A are presented.</p>
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Group Exercise 3.B. Best practices to enhance a responsible use of antimicrobials. Common presentation and discussion.

15:50 16:15	Sebastian MOYA	<p>Collaboration between veterinarians and farmers is fostered by sharing solutions to enhance <u>responsible use of antimicrobials and to reduce the need to use antimicrobials</u>.</p> <p>The outcomes from the round tables 2B are presented.</p>
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16:15 – 16:40 (25 MIN) Coffee break



Case studies – Selected best practices in promoting practices at farm level aiming at reducing AMR.
Discussion of success cases

16:40 -17:10	<p>Presentation of case studies or best practices:</p> <ul style="list-style-type: none"> - Sebastian MOYA, <i>Exploring the social factors affecting the implementation of biosecurity measures in Spain</i>
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Conclusions of the training

17:10 17:20	<p>Cristina MUÑOZ</p>	<p>Key contents are highlighted and a summary of the training is provided, including lessons learned, relevant questions and answers, among others.</p>
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Post-training test

17:20 17:25	<p>Andrea CASTRO</p>	<p>Self-assessment test to measure the impact of the training. Results are commented by the trainers.</p>
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Closing of the session and evaluation from participants

17:25 17:30	<p>Andrea CASTRO</p>	<p>It is your opportunity to rate several aspects of the training session.</p>
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17:30

End of the training session

Information about the training materials

All the presentations and training materials will be available on our webpage www.armfvtraining.eu

Our webpage also contains links to relevant organizations, as well as programs such as EPRUMA, DISARM and others.

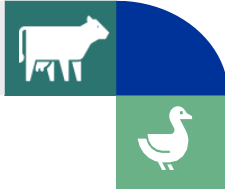
Training materials can be found in English and in national languages on our webpage for dissemination purposes. [We encourage you to use the training materials and to practice different dissemination methods](#), i.e. informing peers about the information received during the training, distributing training materials, giving presentations based on the training materials, among others.

Next steps

Two months after the training, participants will be contacted via email to fill in an online questionnaire to measure the training's effectiveness. This questionnaire will contain questions about the application of the acquired knowledge in daily work practice. By attending the training, you agree to be contacted for this purpose and to provide information through the online questionnaire.

It is expected that all participants compromise to disseminate the content of the training and knowledge acquired.





Information about the trainers' team

TRAINING COORDINATOR (T1): [Cristina MUÑOZ MADERO](#)



Coordinator of the National Plan of Antimicrobials in Spain – AEMPS and Member of the Committee for Veterinary Medicinal Products (CVMP)

She has more than 30 years of expertise in the veterinary field, and 17 years of professional experience in the fields of organization, management and development of antimicrobial resistant activities. She has been involved for years in the development of National Action Plans for the reduction of the risks of antibiotic resistance in both human and veterinary medicine.

Dr. Muñoz holds a deep understanding of the EU approach towards AMR, including involved EU Agencies, EU guidelines and relevant legislations, data monitoring and reporting. She has solid experience coordinating the collection of data related to antimicrobial consumption at a European level. She is in charge of coordinating the ESVAC Spanish Plan for collection of data. Dr Muñoz has extensive experience working in international projects within the field of veterinary medicine and public health. She has been involved and still is in several international working groups within Codex Alimentarius, WHO or FAO.

Trainer 2 – Michael KAKANIS



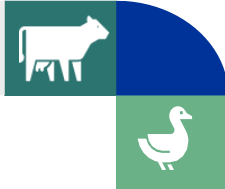
Official Veterinarian, Veterinary Department of Pieria Regional Unit

Mr. Kakanis holds a degree in Veterinary Medicine from Aristotle University of Thessaloniki (Greece) and an MSc in Environmental Policy and Management. Currently, he is pursuing a PhD in pig welfare. With over seventeen years of experience, he specializes in implementing EU legislation in farm animal production and surveillance programs for animal diseases. He is also responsible for organizing and managing official controls for the responsible use of medicines, ensuring compliance with international standards and best practices.

Mr. Kakanis played a key role in developing the National Action Plan for pig welfare and relevant national legislation in Greece by participating in the relevant national working group of experts. Additionally, he actively participates in European research programs focused on promoting best welfare practices for farm animals within the One Health framework.

Trainer 3 – Aikaterini PLEVRAKI

Official Veterinarian, Veterinary Department of Thessaloniki Regional Unit



Ms. Plevraki graduated from the Faculty of Veterinary Medicine of the Aristotle University of Thessaloniki and holds a PhD Degree in veterinary internal medicine in from the same Faculty.

She has worked as private practitioner and has taught in small animal internal medicine at the Faculty of Veterinary Medicine of the University of Thessaly.

She has been working as Official Veterinarian in the Thessaloniki Regional Unit since 2007, where she oversees the organization, coordination, evaluation and assessment, as well as participation, in the official controls in animal welfare (laying hens, chickens for meat production, pigs, calves, in slaughtering and killing, during transport, and in pets and stray animals) and trading, disposal and use of veterinary medical products in the Regional Unit of Thessaloniki.

She also oversees the implementation and monitoring of the programs of surveillance and control of Rabies, African Swine Fever and Sheep Pox in the Regional Unit of Thessaloniki. From April 2014 to May 2022 she was the Alternate National Representative of Greece in the Scientific Network of EFSA for Risk Assessment in Animal Health and Welfare.

[Trainer 4- Sebastian MOYA DURÁN](#)



Research fellow at the University of Nottingham, United Kingdom

Sebastian has focused on studying the psychosocial determinants influencing the implementation of biosecurity measures and the use of antibiotics in dairy cattle and poultry farms by private veterinarians, government veterinarians, farmers and farm workers in Spain and France. His interests are based on participatory methods and cross-cutting communication channels with all stakeholders on livestock farms.