



Disseminating Innovative Solutions to Antibiotic Resistance Management

#StudyMonday

New research shows that there are more countries developing systems to quantify antimicrobial use at farm level. [This scientific paper](#) describes the available options, taking into consideration a selection of systems that currently exist.

#QuestionTuesday

Did you know that intracellular bacteria are very difficult to treat with antibiotics because too many antibiotics do not enter the cells?

Example of intracellular bacteria:

Mycobacterium tuberculosis, *Coxiella*, *Listeria monocytogenes*, *Staph. Aureus* (this can explain cases of mastitis that we never get rid of – the bacteria are intracellular).

Did you know that B-lactam antibiotics (ceftiofur for example) do not enter cells and are ineffective in getting rid of intracellular bacteria?

Poll: What do you think of the hygiene practices at birth and during first weeks of animals' lives (navel disinfection, ear tagging, dehorning, tail docking)?

Most answered good or acceptable, but insufficient was given as an answer, with no votes for excellent. Can we improve further?

General



Image: An employee installed a system for washing hands in his van. [Link](#)

#FreeFriday

Veterinarians are encouraged to check and consider EMA's updated [scientific advice](#) on the [categorisation of antibiotics](#) when prescribing these medicines for animals in their care. This categorisation can also be used as a tool for the preparation of treatment [guidelines](#).

Poultry



#StoryWednesday

Read [here](#) about 3 poultry health innovations ready to advance the industry.

#MakeItEasyThursday

#Water: [Here](#) is a useful article on keeping water pipe work clean to maintain flock health.

#Biosecurity: Following the Avian influenza crisis in France in 2017, ITAVI has released numerous good practice practical sheets to manage biosecurity on farms for all kinds of productions (meat, eggs, in-house or raised outside...). You can download them [here](#) on the dedicated website (in French).



#MakeItEasyTuesday

#youngstock: [Here](#) you can find a useful set of videos about rearing healthy youngstock calves.

#QuestionTuesday

There was a poll about colostrum management: is it easy or challenging? All answered with “colostrum management can be inconsistent on farm”.

#Breeding: Does breeding for better udder health in dairy cows pay off on your farm? Proper management strategies are undoubtedly the most influential part in keeping cows healthy, but the genetic component is a recognizable contributing factor. Daughters of sires with a breeding value of 96 for clinical mastitis have up to five percent more clinical mastitis in the first three lactations than daughters of sires with a breeding value of 104 for this trait. As a dairy farmer, how important is the breeding value for udder health when selecting a bull?

Cattle



#StoryWednesday

Teaching antibiotic use in dairy farms to students? Key-role of [this interactive documentary](#) (in French).

Thierry and Sebastien, two French farmers have reduced their use of antimicrobials to reduce their costs and contribute to the joint effort to reduce resistance. [Here](#) are their stories.

Pigs

#QuestionTuesday

#Youngstock: Food for thought! Curious what our CoP members in pig production feel about this figure below, pro's and con's. Do you see opportunities behind the challenges in delayed weaning? [More info](#)

Pros and cons of delayed weaning

PRO's	CON's
+ improvement of the piglet's and finisher's welfare	- litter index decreases
+ less unwanted behaviour in piglet and finisher	- keeping less sows, without investing in barn space
+ less use of antibiotics	- technical results go down, which has a negative mental impact on the sow farmer
+ delayed weaning yields more vital piglets	- relatively more farrowing pens needed
+ less space needed for breeding piglets	- yield of sow farm is put under pressure
+ less rounds in the finisher barn	

#Studymonday

Oyster mushrooms seems to be a remedy for diarrhea for piglets. Learn more [here](#).

#MakeItEasyThursday

Improve the biosecurity on pig farms with the digital tool Biorisk. Watch this [video](#) to find out more (EN-ES).

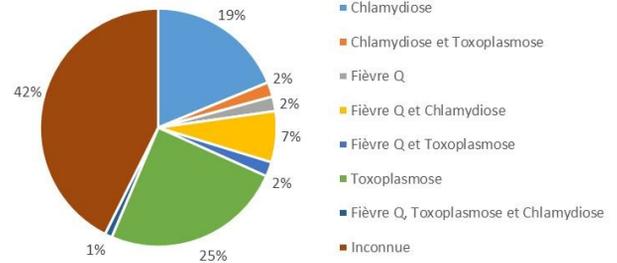


#Storywednesday

In Aveyron, an area where sheep farms have been recruited for the DISARM project's farm health teams, abortions among ewes are a growing concern. A health screening is carried out as part of the OSCAR programme. In 2019, the system has not always been able to identify an infectious cause. Nevertheless, the main causes detected are Chlamydia and Toxoplasmosis. A similar pattern has been found in the Netherlands.

Sheep

Pathologies recensées en 2019 sur 101 boîtes OSCAR.
Source GDS 12



CoP Activity

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