



## Disseminating Innovative Solutions to Antibiotic Resistance Management

### General



#### #MakeItEasyThursday

**#Vaccination:** [Here](#) you can read about the differences between live and killed vaccines. [Click here](#) to see a clear factsheet about the different categories of antibiotics (A, B, C, D).

#### #QuestionTuesday

**#ABFeed:** What would you like to add to the drinking water or feed of livestock to optimize animal health and thus reduce the use of antibiotics? Some answers were about products that breaks down biofilms, such as 'friendly' bacteria and a mixture of organic acids formic and propionic.

#### #StoryWednesday

**#Biosecurity:** Check out [this interview](#) with Jeroen Dewulf about the BioCheck tool.

#### #StudyMonday

**#Water:** A pipe-cleaning protocol is essential to limit development of biofilm and preserve animal health. In [this study](#) about the validation of biofilm measurement indicators can be found (in French).



### Pigs



### Poultry



#### #QuestionTuesday

Who knows somebody to share some effective strategies to lower the burden of coccidiosis in broilers?

#### #StudyMonday

**#Housing:** On-farm hatching is being promoted as an innovative solution to avoid the stress of feed and water deprivation, handling and transport before placement in the bird house. Sounds from practice are that these on-farm hatched birds are healthier and easier to manage.

[This study](#) (in Dutch) provides field results of antibiotic use data on 2 farms in Flanders changing their practices from conventionally hatched to on-farm hatched broilers, applying the Nestborn concept. Results show an average decrease in antibiotic use of 62% and show several production cycles without antibiotic treatments.



## Dairy Cattle

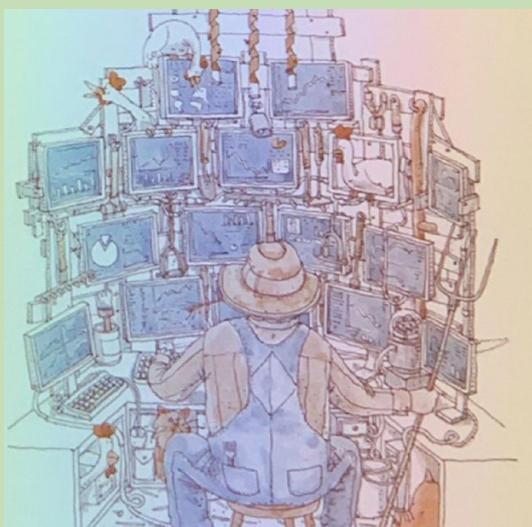


### #MakeItEasyThursday

**#Biosecurity:** [find out more](#) about practices for Dairy Operations.

### #StudyMonday

**#Youngstock:** Project ACTIVE-GOAT studies the role of the transfer of passive immunity to young goats. The first results suggest that there is no effect of the transfer of passive immunity on growth and mortality. [Click here](#) to read the full report.



### #Studymonday

Read good management practices against mastitis [here](#).

**#Genetics:** A new breeding index will improve health in new calf generations. [Read more](#).

**#PrecisionTechology:** In July 2019, Frontiers in Bioengineering and Biotechnology published "Biosensors for On-Farm Diagnosis of Mastitis". This review highlights current approaches for mastitis diagnosis and describes the latest outcomes in biosensors and lab-on-chip devices. Focus is given to technologies that, in a near future, will enable on-farm diagnosis of mastitis.

**#Youngstock:** [This paper](#) is about the perceptions of colostrum management on dairy farms in England – Could you name all the five 'Q's for colostrum management?

## Goats



## CoP Activity

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