



REPUBLIC OF CYPRUS

**MINISTRY OF AGRICULTURE, RURAL DEVELOPMENT AND
ENVIRONMENT**

VETERINARY SERVICES

**LABORATORY FOR THE CONTROL OF
FOOD OF ANIMAL ORIGIN
(LCFAO)**

22nd EURL-Salmonella workshop, 29-30 May 2017, Zaandam, the Netherlands

Activities NRLs to fulfill tasks and duties, and information on national *Salmonella* control programs,
NRL-Salmonella Cyprus

Konstantinos Arsenoglou, Veterinary Officer, Technical Manager of LCFAO

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- ▶ The *Laboratory for the Control of Food of Animal Origin* (LCFAO) of Cyprus Veterinary Services is accredited to ISO 17025 in 30 methods, since 2004.
- ▶ It is the NRL of Cyprus for *Salmonella*, *Listeria Monocytogenes*, *Campylobacter*, *Coagulase Positive Staphylococcus*, *Verotoxinogenic Echerichia coli* and other *E. coli*, *Milk and Milk products*, *Trichinella*, *Marine Biotoxins*.

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- ▶ In 2016 the LCFAO has examined 1 156 batches (x 5 samples) of food samples of animal origin after official sampling.
- ▶ 753 of them were samples from meat and meat products and 403 were from dairy products.
- ▶ 66 out of the 1 156 were positive, meaning a 5,7%.
- ▶ From them there were 0 positive from dairy samples and 52 out of the 66 were poultry related samples, meaning 79% of the positive.
- ▶ Moreover, as NRL we have examined 76 feed samples, after official sampling, with 6 of them being positive, meaning 7.9%.

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- ▶ Serotyping:
- ▶ Serotypes of *Salmonella* that have been isolated in LCFAO during 2016:
 - ▶ *Salmonella* *Infantis*
 - ▶ *Salmonella* *Virchow*
 - ▶ *Salmonella* *Anatum*
 - ▶ *Salmonella* *Mishmarhaemek*
 - ▶ *Salmonella* *Kedougou*
 - ▶ *Salmonella* *Telaviv*
 - ▶ *Salmonella* *Kentucky*
 - ▶ *Salmonella* *Give*
 - ▶ *Salmonella* *Schwarzengrund*
 - ▶ *Salmonella* *Seftenberg* (feed)
 - ▶ *Salmonella* *Tennessee* (feed)
 - ▶ *Salmonella* *Agona* (feed)
 - ▶ *Salmonella* *Mbandaka* (feed)
 - ▶ *Salmonella* *O:42:1*
 - ▶ *Salmonella* *Group E4:1* (feed)
 - ▶ *Salmonella* *Typhimurium* from a pigeon
 - ▶ *Salmonella* *Enteritidis* from a hare

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- ▶ Regarding *Cyprus national Salmonella control programs*, they were redesigned in 2012.
- ▶ New manuals were developed and a list of approved laboratories was made after a procedure consisting of application, audit and evaluation.
- ▶ 8 private laboratories were included in the approved list, together with the 1 already existed governmental lab.
- ▶ Since then they are audited once yearly by us (NRL) and after 2016 they have remained 7 private and 1 governmental labs.

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Thank you

