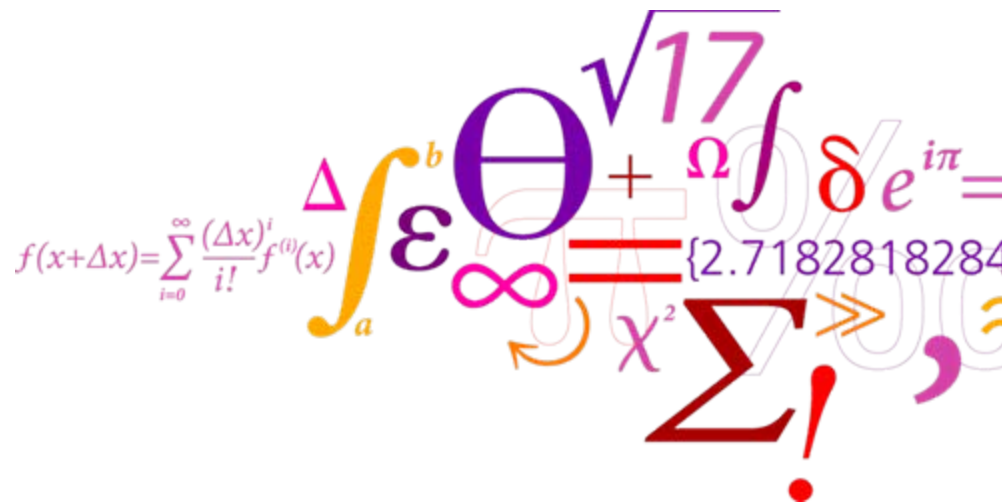


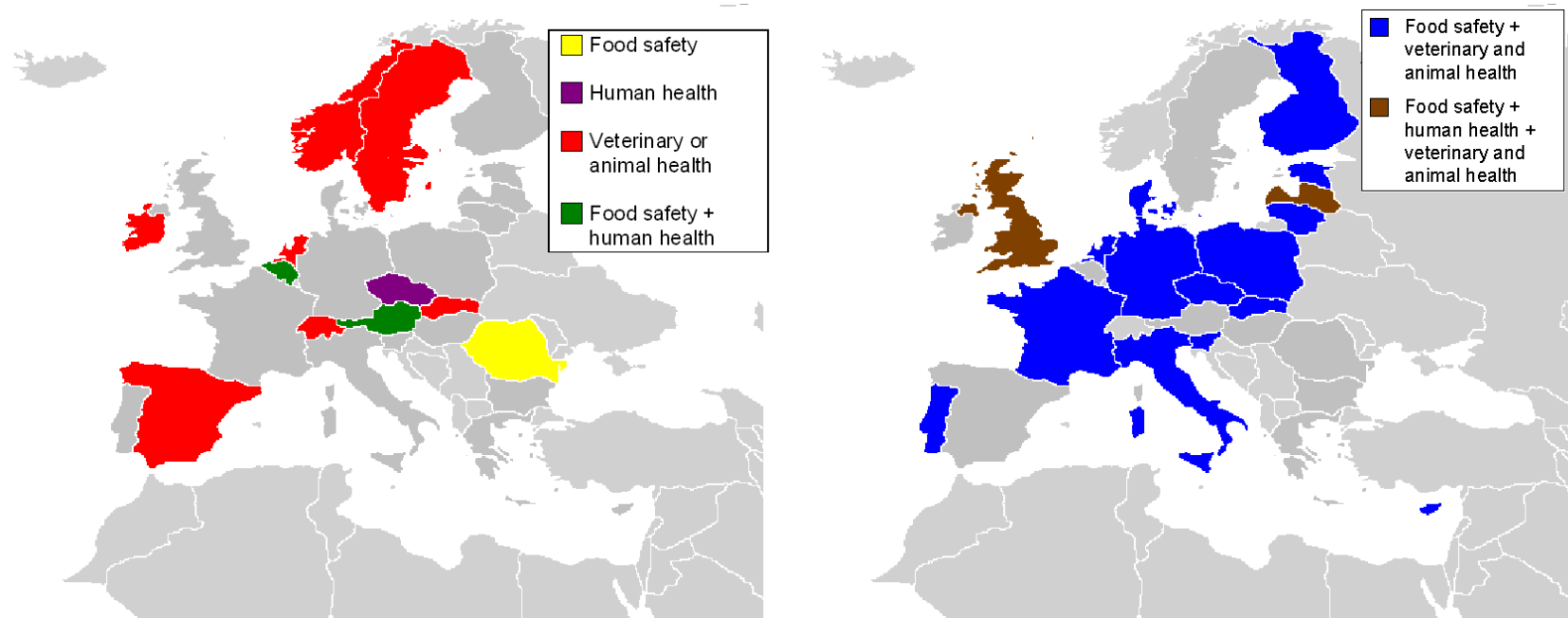


# NRL questionnaire

30 questionnaires



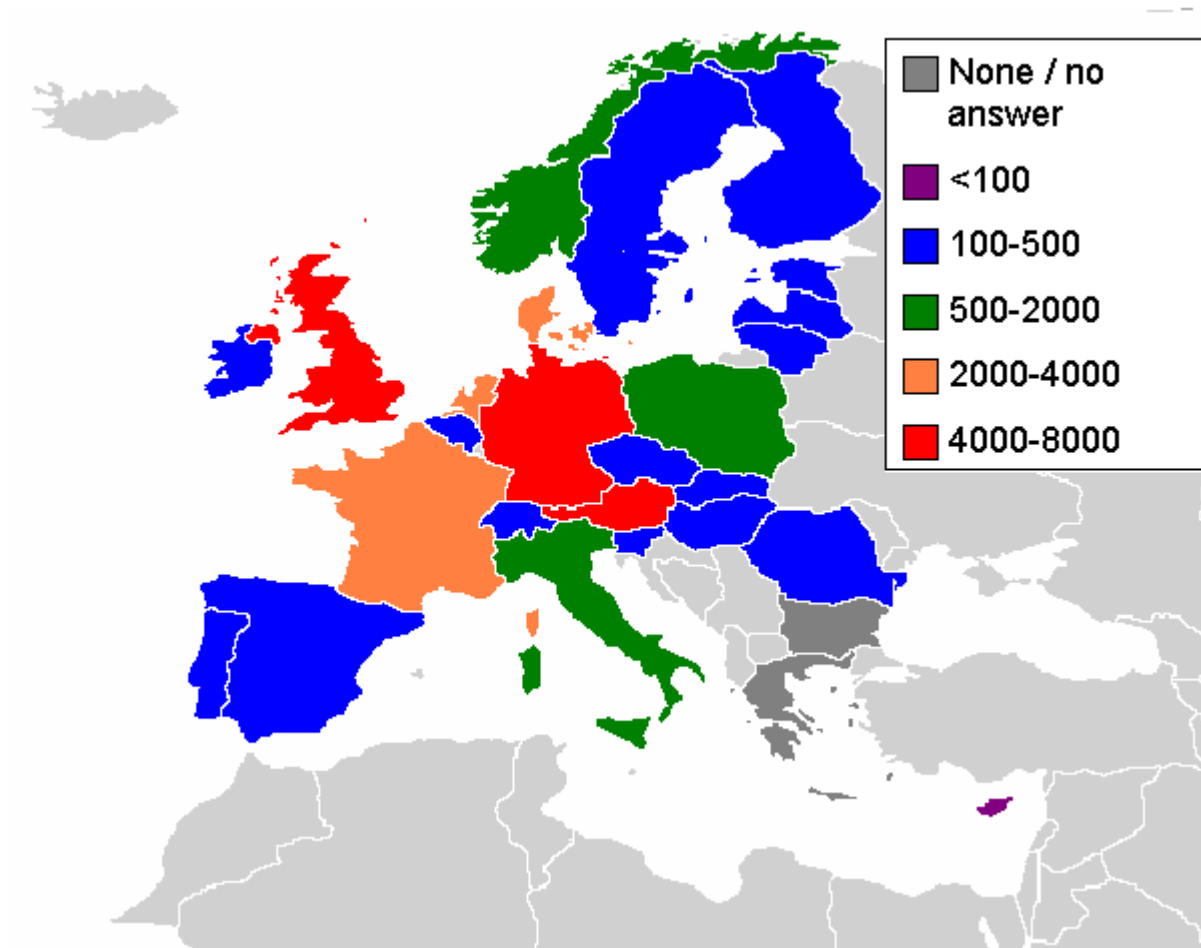
# The participants' responsibilities



Please note that some countries have more than one laboratory as NRL-AR

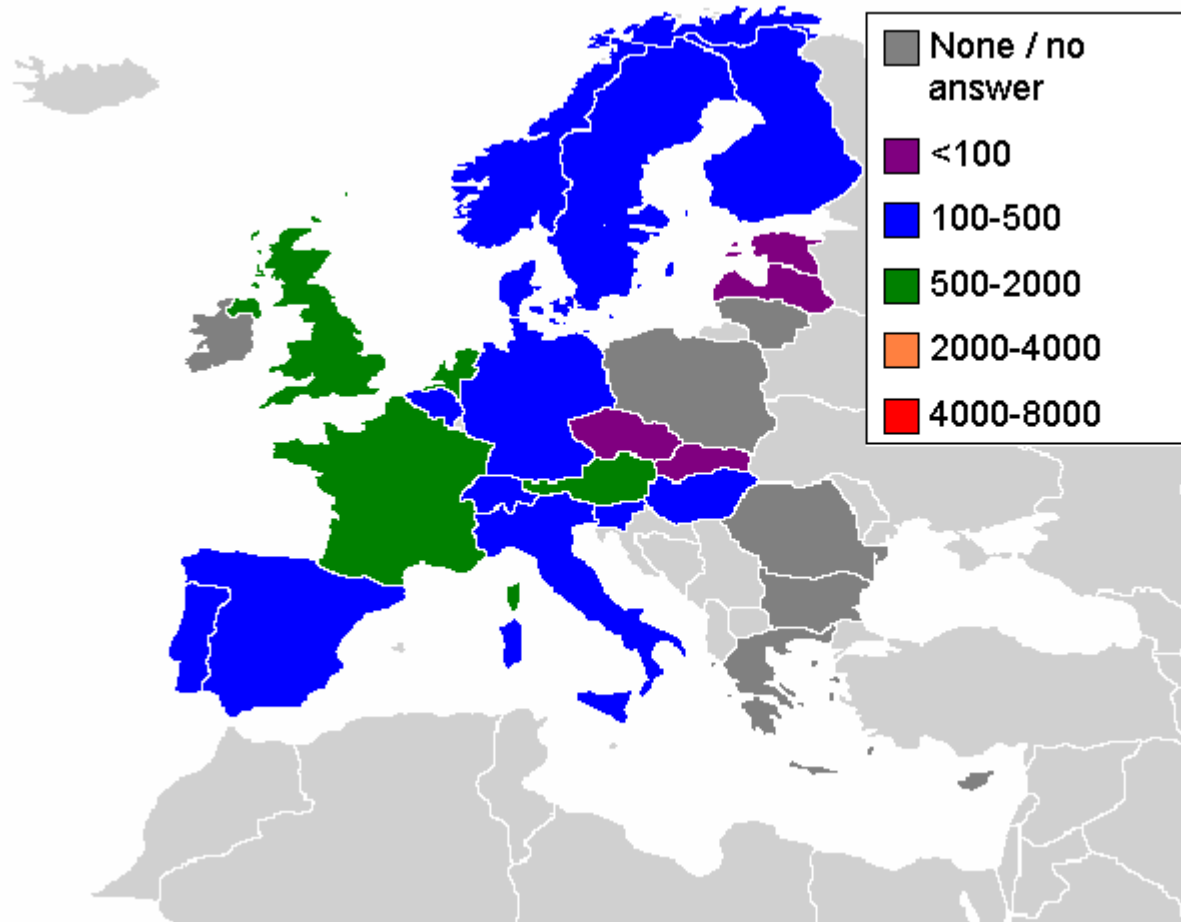
# *Salmonella*

Number of isolates susceptibility tested in your laboratory pr year



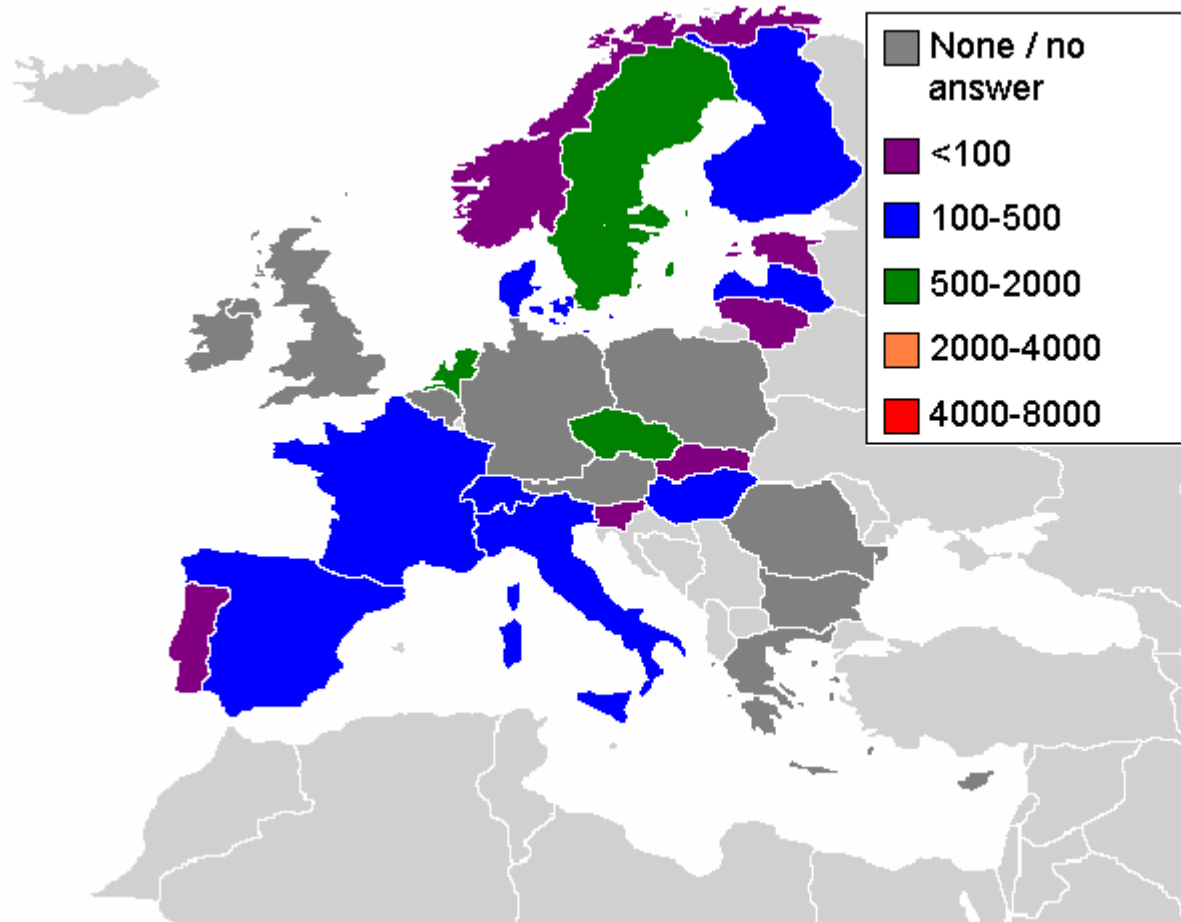
# *Campylobacter*

Number of isolates susceptibility tested in your laboratory pr year



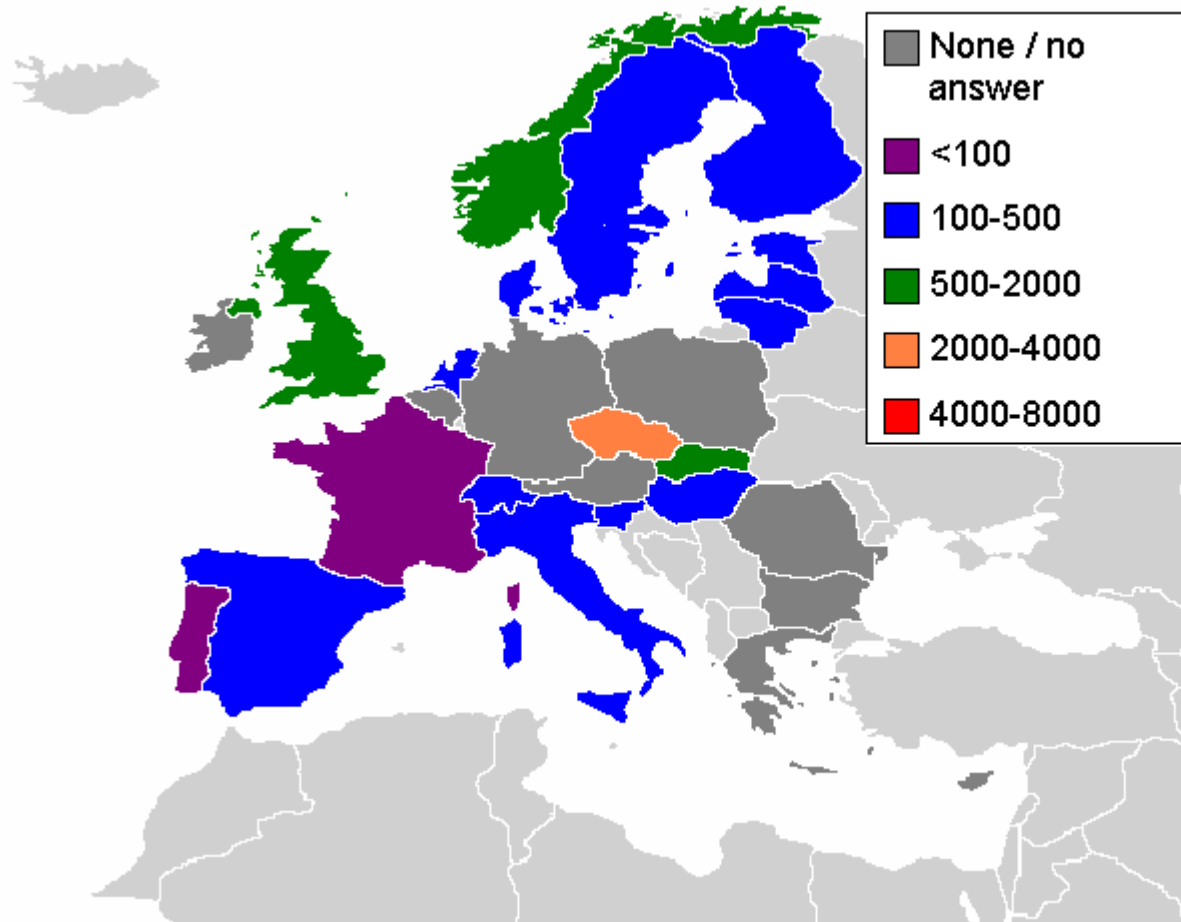
# Enterococci

Number of isolates susceptibility tested in your laboratory pr year



# Staphylococci

Number of isolates susceptibility tested in your laboratory pr year

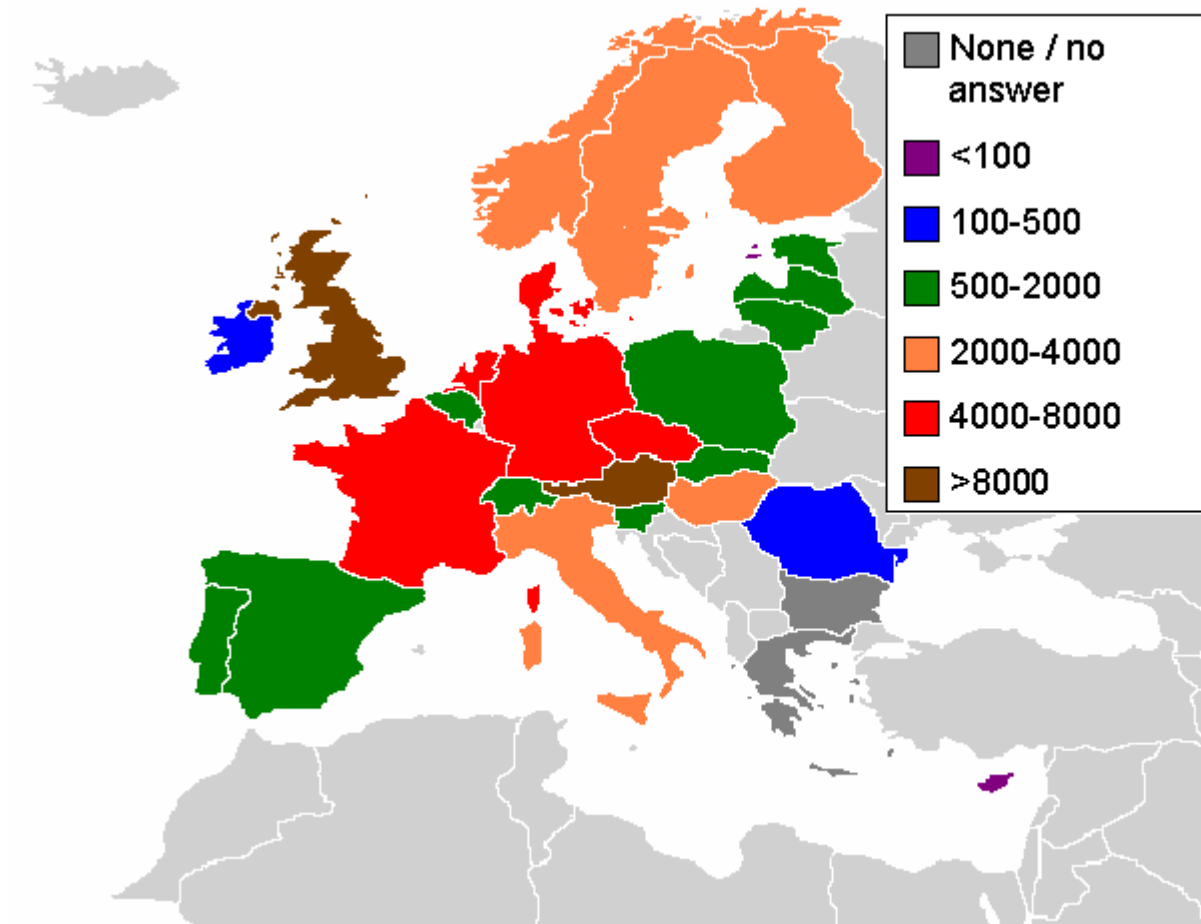




# Total

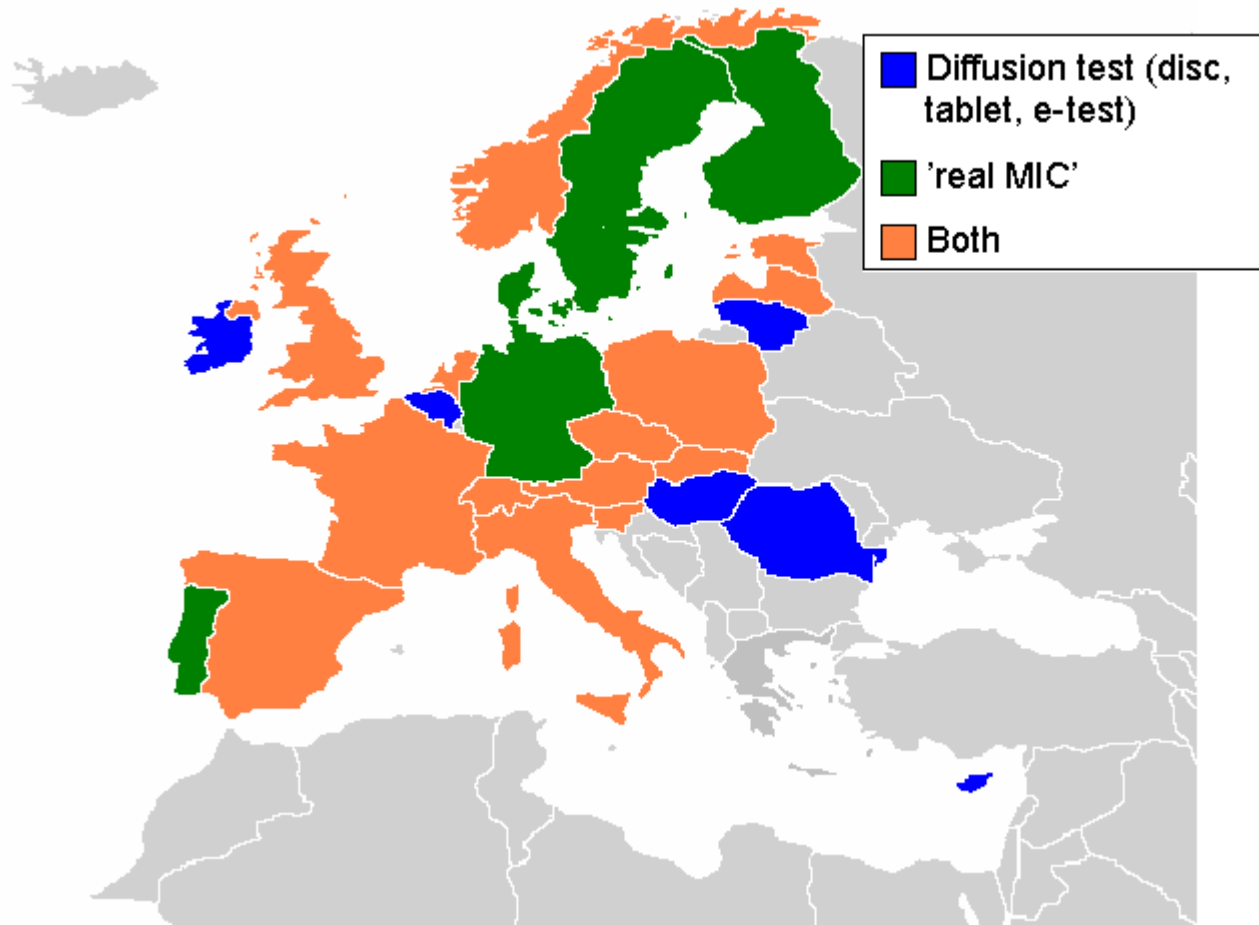
(of the five mentioned)

Number of isolates susceptibility tested in your laboratory pr year





# Method routinely used for AST



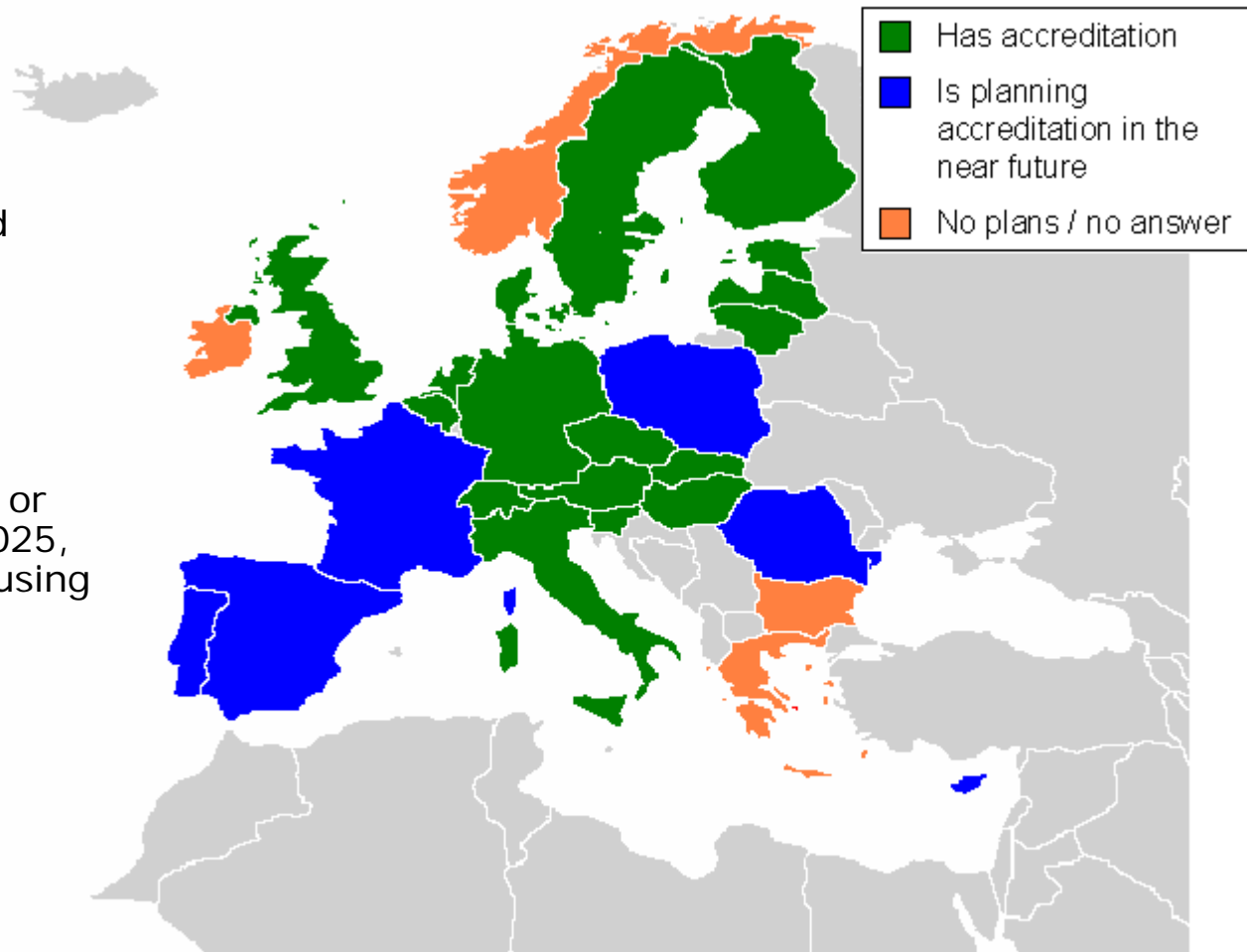


# QC-system – accreditation/certification

Differences in which methods that are accredited/ certified

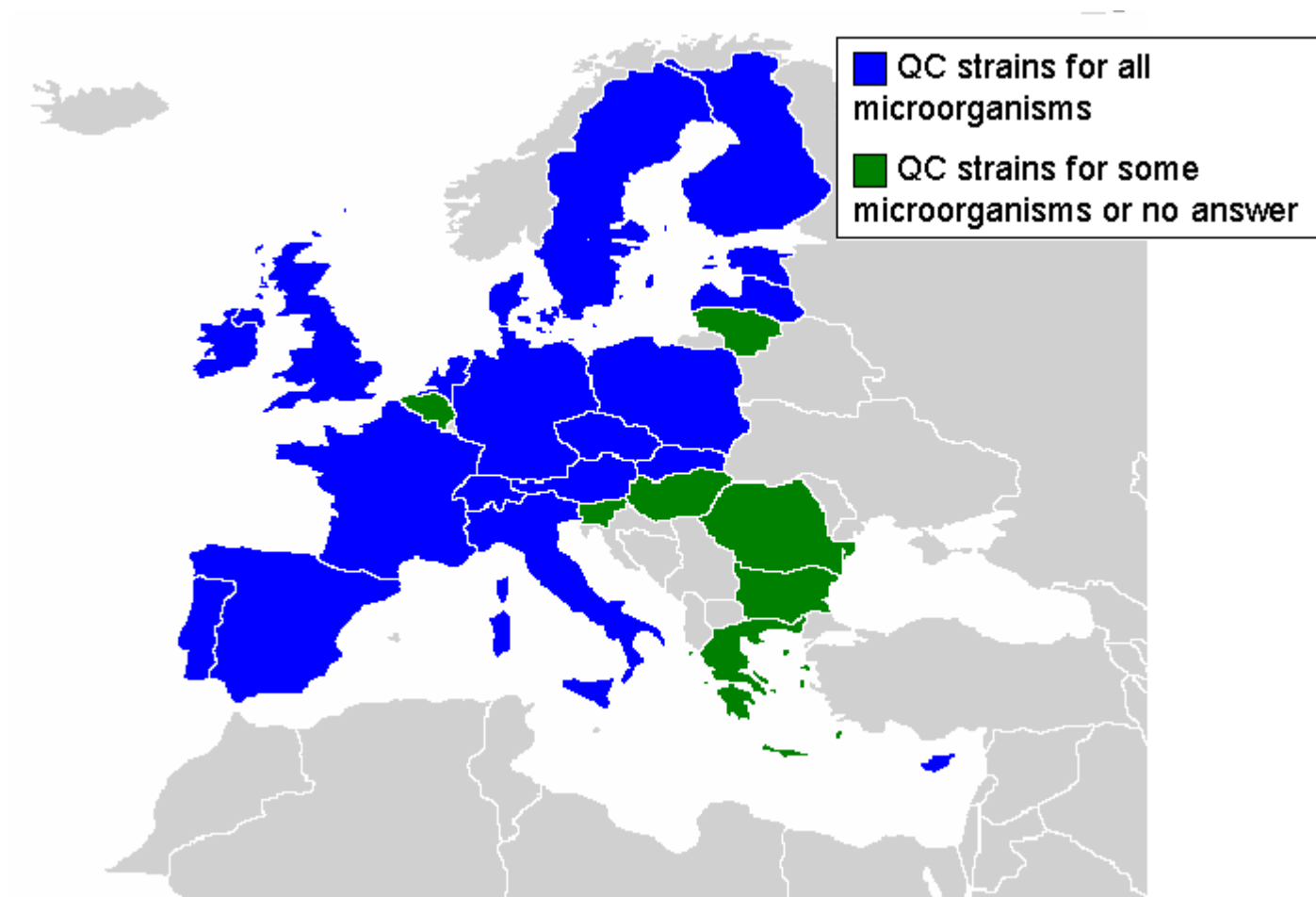
Differences between laboratories within countries

Most laboratories use or plan to use ISO 17025, one is planning on using ISO 15189

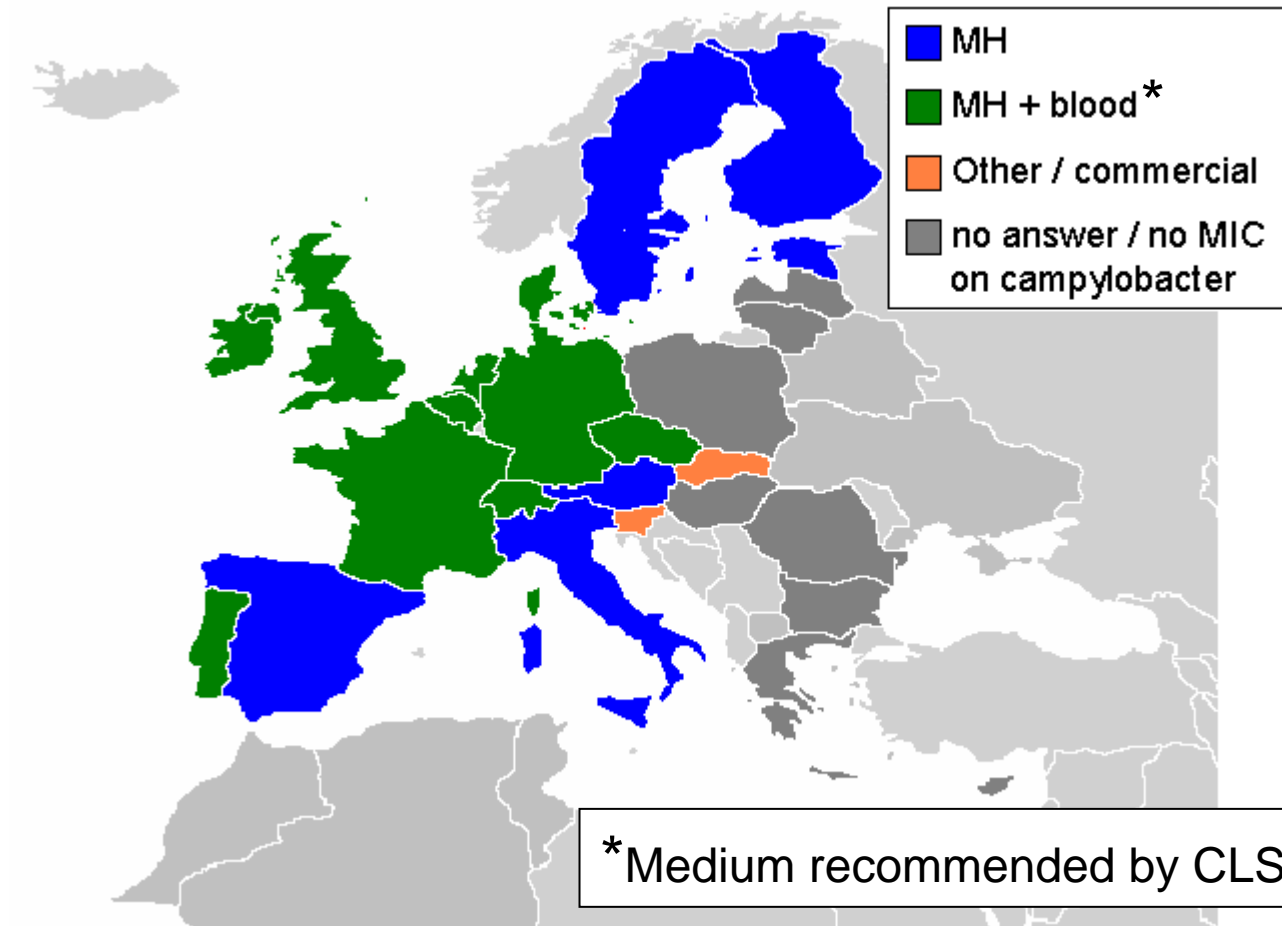




# QC strains for AST



# Substrate used for AST of *Campylobacter* - MIC



# Incubation of *Campylobacter*

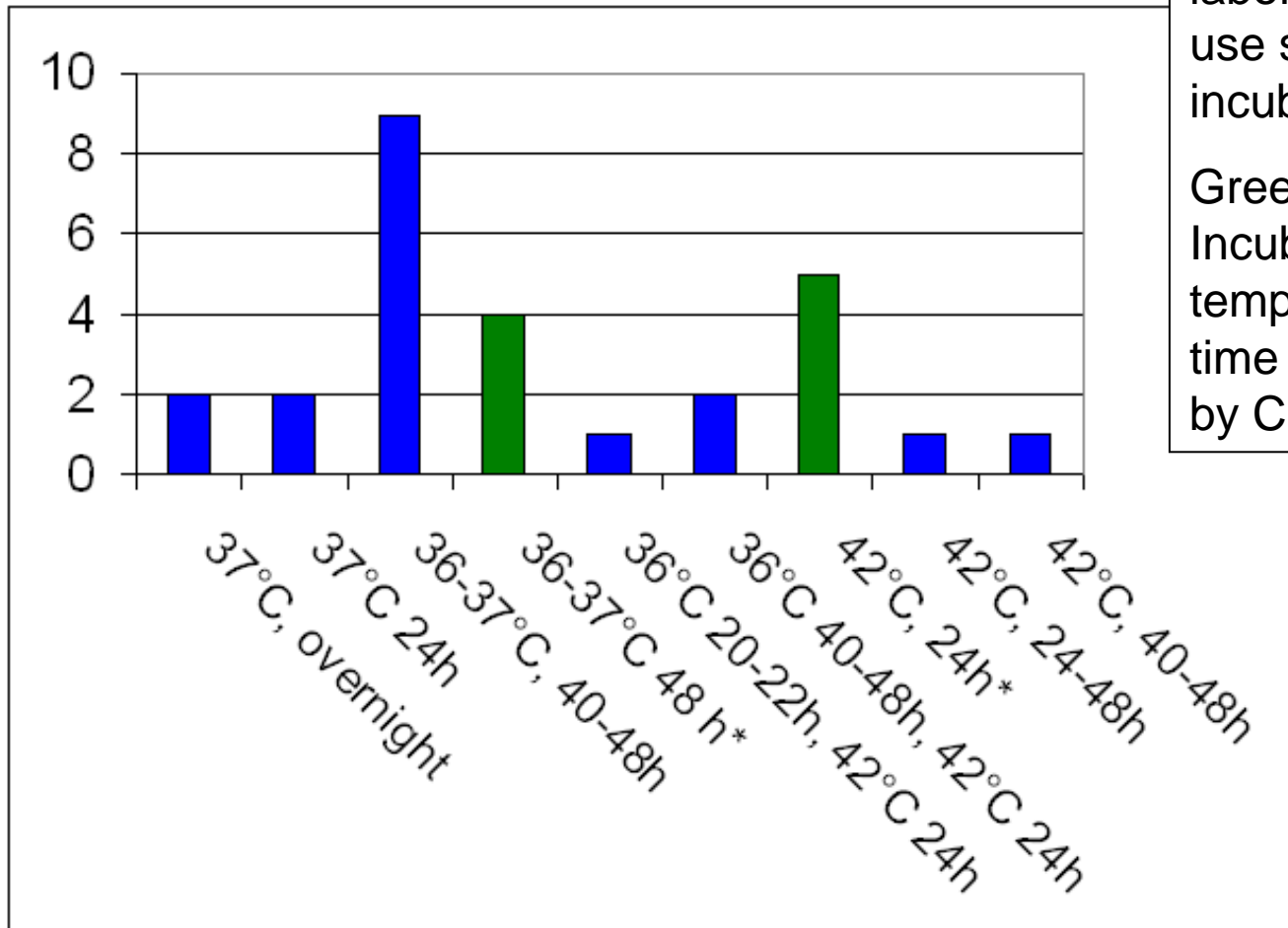
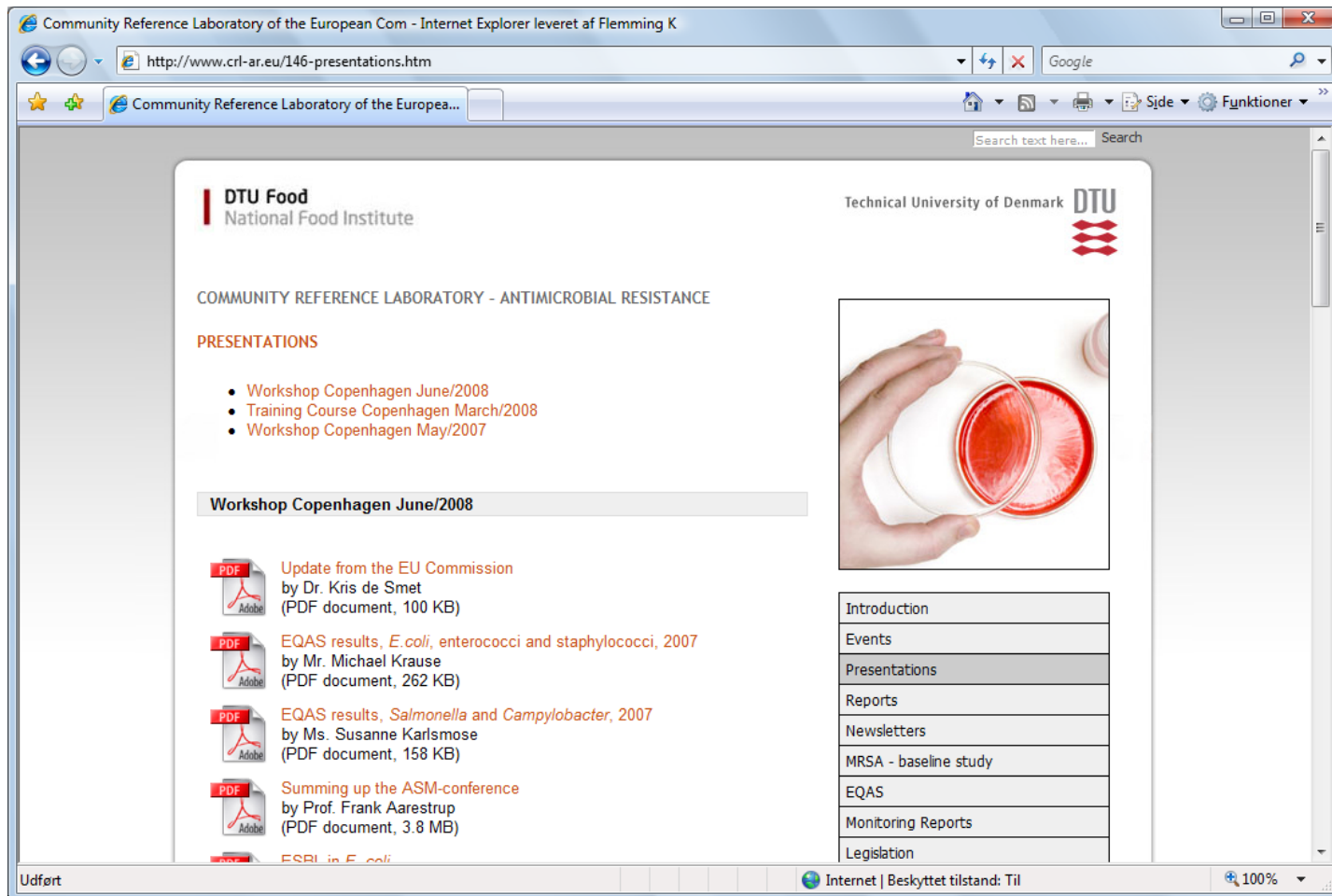


Chart shows number of laboratories that use specific incubation terms

Green columns: Incubation temperature and time recommended by CLSI (M45-A)

# www.crl-ar.eu



Community Reference Laboratory of the European Com - Internet Explorer leveret af Flemming K

http://www.crl-ar.eu/146-presentations.htm

Community Reference Laboratory of the Europea...

Search text here... Search

**DTU Food**  
National Food Institute

Technical University of Denmark **DTU**

COMMUNITY REFERENCE LABORATORY - ANTIMICROBIAL RESISTANCE

**PRESENTATIONS**

- Workshop Copenhagen June/2008
- Training Course Copenhagen March/2008
- Workshop Copenhagen May/2007

**Workshop Copenhagen June/2008**

**PDF** Update from the EU Commission  
by Dr. Kris de Smet  
(PDF document, 100 KB)

**PDF** EQAS results, *E.coli*, enterococci and staphylococci, 2007  
by Mr. Michael Krause  
(PDF document, 262 KB)

**PDF** EQAS results, *Salmonella* and *Campylobacter*, 2007  
by Ms. Susanne Karlsmose  
(PDF document, 158 KB)

**PDF** Summing up the ASM-conference  
by Prof. Frank Aarestrup  
(PDF document, 3.8 MB)

**PDF** ESBL in *E. coli*

Introduction

Events

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Newsletters

MRSA - baseline study

EQAS

Monitoring Reports

Legislation

Udført Internet | Beskyttet tilstand: Til 100%



# [www.antimicrobialresistance.dk](http://www.antimicrobialresistance.dk)



The screenshot shows a web browser window titled "Antimicrobial Resistance - Windows Internet Explorer". The address bar displays "http://www.antimicrobialresistance.dk/". The browser interface includes navigation buttons (back, forward, stop, refresh), a search bar with "Live Search", and a menu with options like "Filer", "Rediger", "Vis", "Favoritter", "Funktioner", and "Hjælp".

The website content is as follows:

**DTU Food**  
National Food Institute

Technical University of Denmark **DTU**

**ANTIMICROBIAL RESISTANCE**

The Research Group for Antimicrobial Resistance and Molecular Epidemiology at The National Food Institute, DTU focus at performing surveillance of antimicrobial resistance among bacteria from food animals, and at conducting targeted research with the aim of reducing the occurrence of antimicrobial resistant bacteria among food animals and food products.

 The National Food Institute is CRL for antimicrobial resistance within the EU, and is responsible for providing scientific advice to the European Commission and to member countries on matters in relation to antimicrobial resistance

**CRL-AR (Community Reference Laboratory – Antimicrobial Resistance)**

 The National Food Institute is WHO Collaborating Centre for antimicrobial resistance among foodborne pathogens. Through this work the institute is involved with global *Salmonella* surveillance (Global Salm-Surv) which includes training courses, EQAS and the Country Databank

**WHO Collaborating Centre – Antimicrobial Resistance**

**Related sites:**

- ARBAO II
- CLSI
- Food DTU >> Antimicrobial Resistance
- EUCAST
- EARSS
- EFSA
- APUA
- Europe >> Antimicrobial Resistance