

# EUCAST uudised 2016

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LTKH

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Töörühma koosolek


# EUCAST Steering Committee


- The ESCMID-appointed Steering Committee consists of the **Chairman**, the **Scientific Secretary**, the **Clinical Data Co-ordinator**, the **Technical Data Co-ordinator**, a representative from each of the European national breakpoint committees and two representatives from the EUCAST general committee. Proposals, draft documents and tentative decisions are submitted for consultation to the General Committee, external expert groups and an email distribution list of pharmaceutical and susceptibility testing device manufacturing industries.
- **Chairman (2016):**  
Christian Giske, Sweden
- **Scientific Secretary (2011-16):**  
Derek Brown, UK
- **Scientific Secretary (2016 - ):**  
John Turnidge, Australia
- **Clinical Data Co-ordinator (2016-):**  
Rafael Canton, Spain
- **Technical Data Co-ordinator and Webmaster (2016-):**  
Gunnar Kahlmeter
- **BSAC (The United Kingdom):**  
Alasdair MacGowan; Robin Howe
- **CA-SFM (France):**  
Francois Jehl, Gerhard Lina
- **CRG (The Netherlands)**  
Johan Mouton
- **German NAC (Germany)**  
Sören Gatermann
- **NWGA (Norway):**  
Christoffer Lindemann
- **SRGA (Sweden)**  
Christian Giske
- **EUCAST Representative 1 (Turkey, 2016 -2018):**  
Denise Gür
- **EUCAST Representative 2 (Croatia, 2016-2018):**  
Arjana Tambic


# Implementation of EUCAST breakpoints, April 2016

## % Laboratories

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 No information





# Adoption of the EUCAST disk diffusion method, April 2016

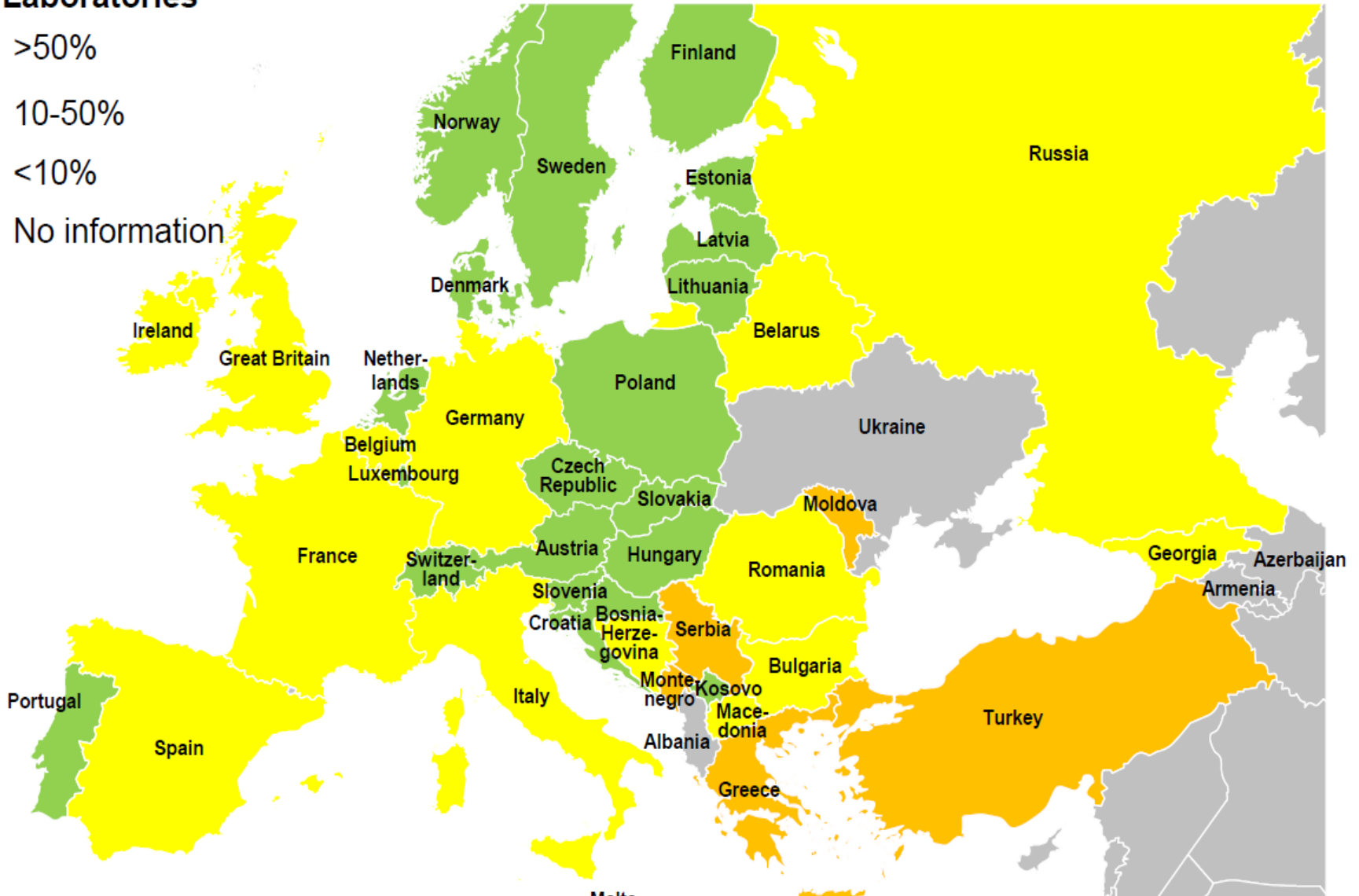
## % Laboratories

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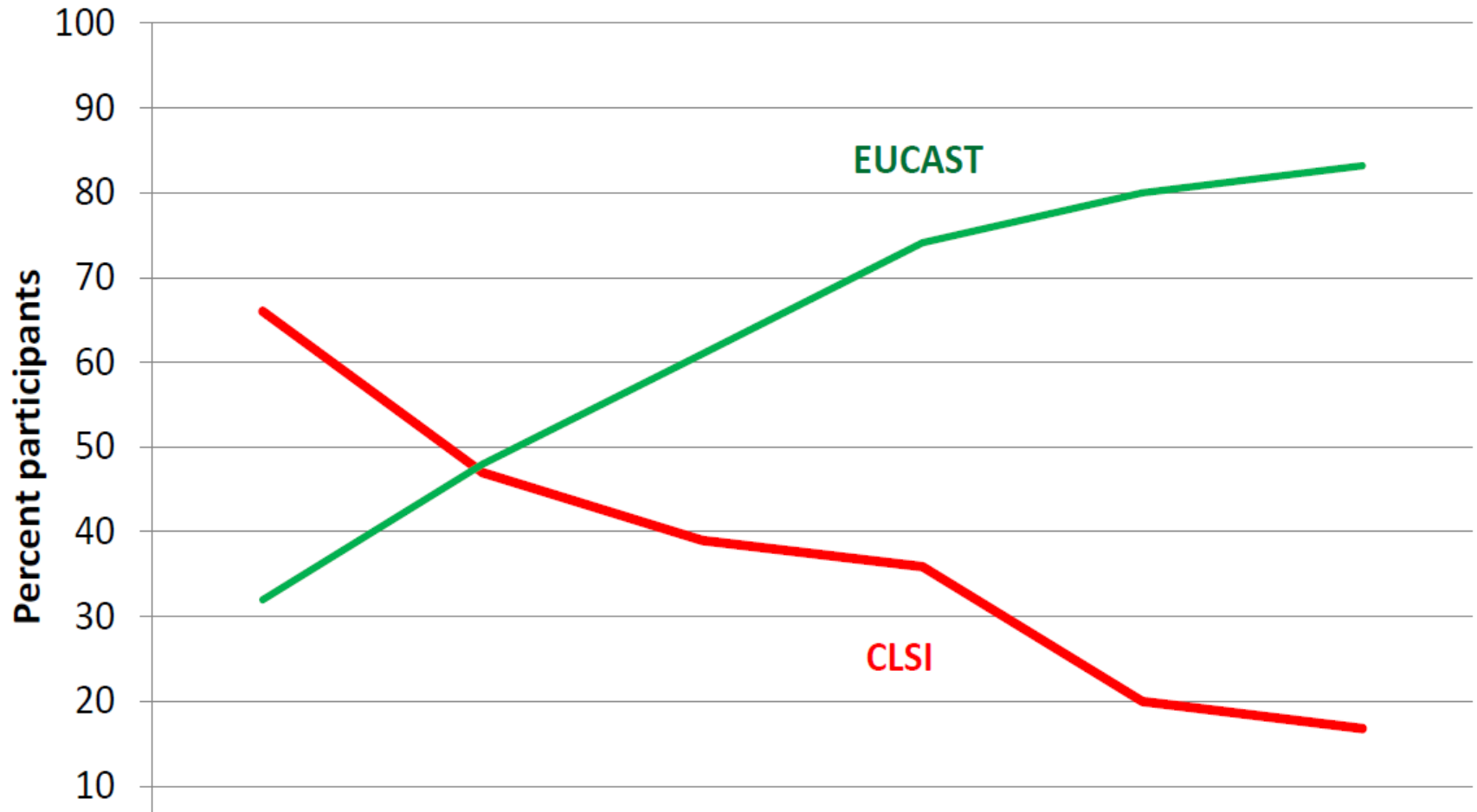
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# AST guidelines used in EARS-Net External Quality Assurance

(872-911 participants a year from a total of 31 countries)



# 10 videojuhendit metodoloogias

## Instruction videos from EUCAST

- [https://www.youtube.com/channel/UCnrmDMcJrI\\_IW7JDRDJaTkw](https://www.youtube.com/channel/UCnrmDMcJrI_IW7JDRDJaTkw)
- In collaboration with the World Health Organisation (WHO), EUCAST publishes instruction videos on how to perform antimicrobial susceptibility testing (AST) using EUCAST recommended methods and interpretation. During 2016, five videos have been completed and 5 more are under construction.
- The videos are published on Youtube™ and have an English speaker voice and English subtitles. There is a mechanism by which subtitles can be translated to other languages. We are now preparing German, French, Spanish, Russian and Turkish versions.
- 1. [Preparation of inoculum \(english\)](#)
- 2. [Inoculation of agar plates for disk diffusion \(english\)](#)
- 3. [Application of antibiotic disks and incubation of plates \(english\)](#)
- 4. [Reading of inhibition zone diameters \(english\)](#)
- 5. [Guidance on the use of the breakpoint table \(english\)](#)

# ECDC documents of WGS relevance to antimicrobial susceptibility testing

- **First indications of improved capability and capacity of public health microbiology laboratories in the European Union** (<http://bit.ly/2bvRYxG>)
- **EU Laboratory Capability Monitoring System (EULabCap): Report on 2014 survey of EU/EEA country capabilities and capacities** <http://bit.ly/EuLabCap>
- **Whole genome sequencing empowers disease surveillance and outbreak investigation** <http://bit.ly/2bav4HM>

PDF-report: Expert opinion on whole genome sequencing for public health surveillance - Strategy to harness whole genome sequencing <http://bit.ly/2bs5sqC>

PF-report: ECDC roadmap for integration of molecular typing and genomic typing into European-level surveillance and epidemic preparedness – Version 2.1, 2016-19 <http://bit.ly/2brVFSO>

# Juhendmaterjalid EUCAST kodulehel I

- Wide variation in disk quality in 16 disks from nine manufacturers
- Guidance document on use of daptomycin to treat enterococcal endocarditis
- EUCAST Expert Rules Version 3.1. Intrinsic Resistance and Exceptional Phenotypes Tables
- Antimicrobial susceptibility testing of *Legionella pneumophila*
- Antimicrobial susceptibility tests on groups of organisms or agents for which there are no EUCAST breakpoints



# Juhendmaterjalid EUCAST kodulehel II

- Recommendations for MIC determination of colistin (polymyxin E) As recommended by the joint CLSI-EUCAST Polymyxin Breakpoints Working Group
- Consultation on proposal to reduce colistin breakpoints for *Pseudomonas aeruginosa* to susceptible  $\leq 2$  mg/L, resistant  $> 2$  mg/L
- Implications of breakpoints splitting the wild type and/or resistant populations

# Juhendmaterjalid EUCAST kodulehel III

- Proposed breakpoints for *Aerococcus* spp. and *Kingella kingae*
- Proposed modification of fluoroquinolone breakpoints
- Wide variation in disk quality in 16 disks from nine manufacturers