

The NordicAST Bacteroides Study

Redacted version of presentation

NordicAST Workshop 2019

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Participants

- 45 participating labs
 - Norway: 17
 - Sweden: 17
 - Denmark: 6
 - Finland: 4
 - Iceland: 1
- All tested disk diffusion method
- 24 additionally tested their own routine AST method
- 11 performed carbapenemase testing

Strain collection

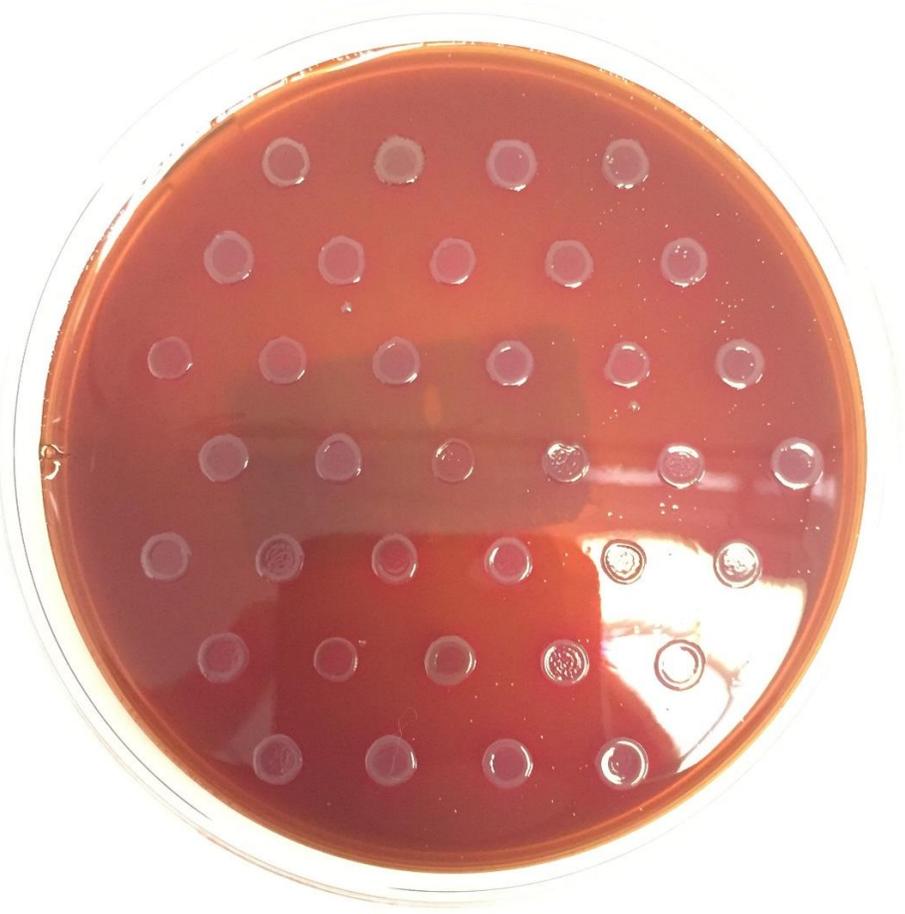
53 candidate strains originating from Vestfold Hospital, K-res and Odense University Hospital

Reference examination:

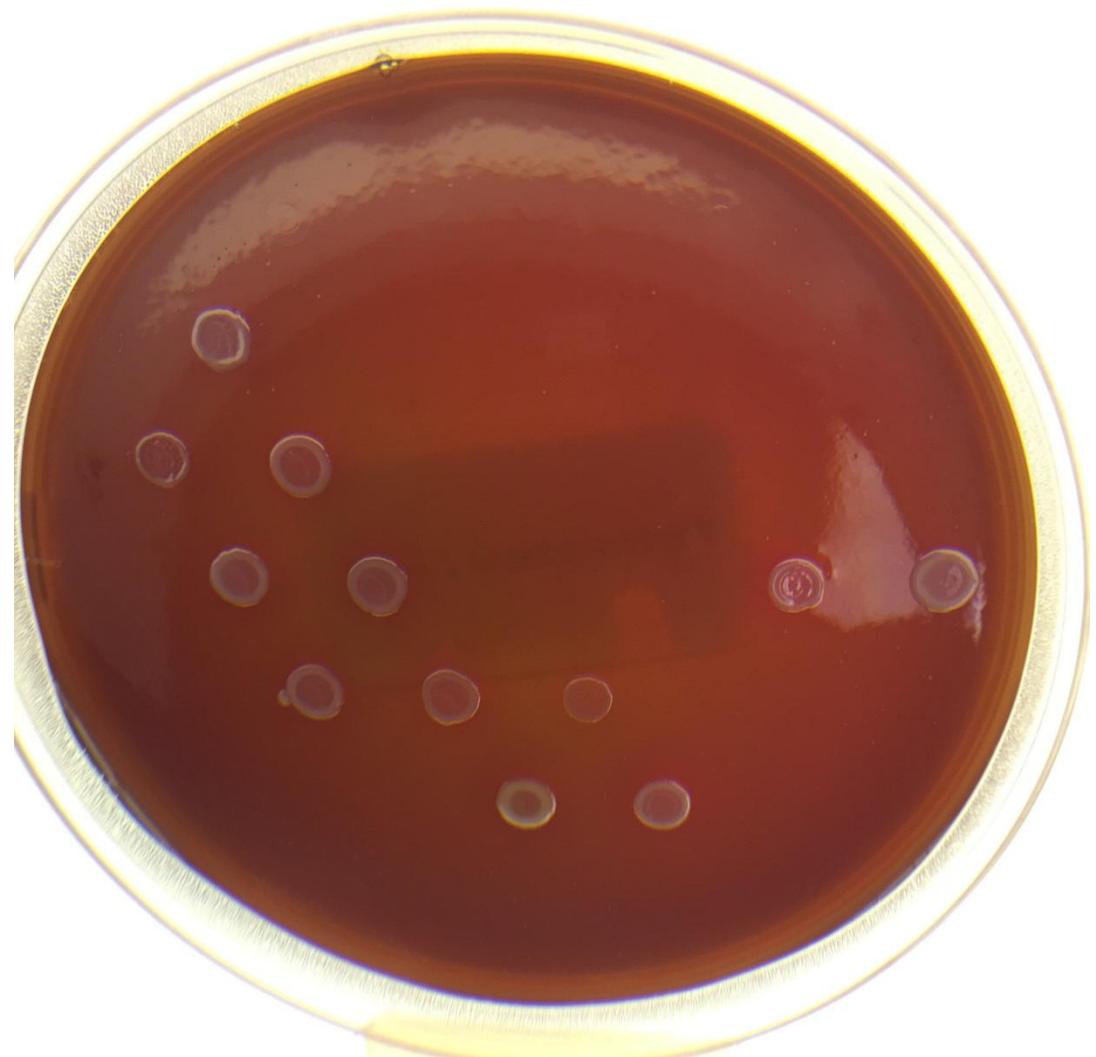
- MIC determination – agar dilution
- *cfiA* carbapenemase gene by PCR and MALDI-TOF
- *cfiA* expression by qRT-PCR

27 strains chosen

+ QC isolate ATCC 25285 included x 3

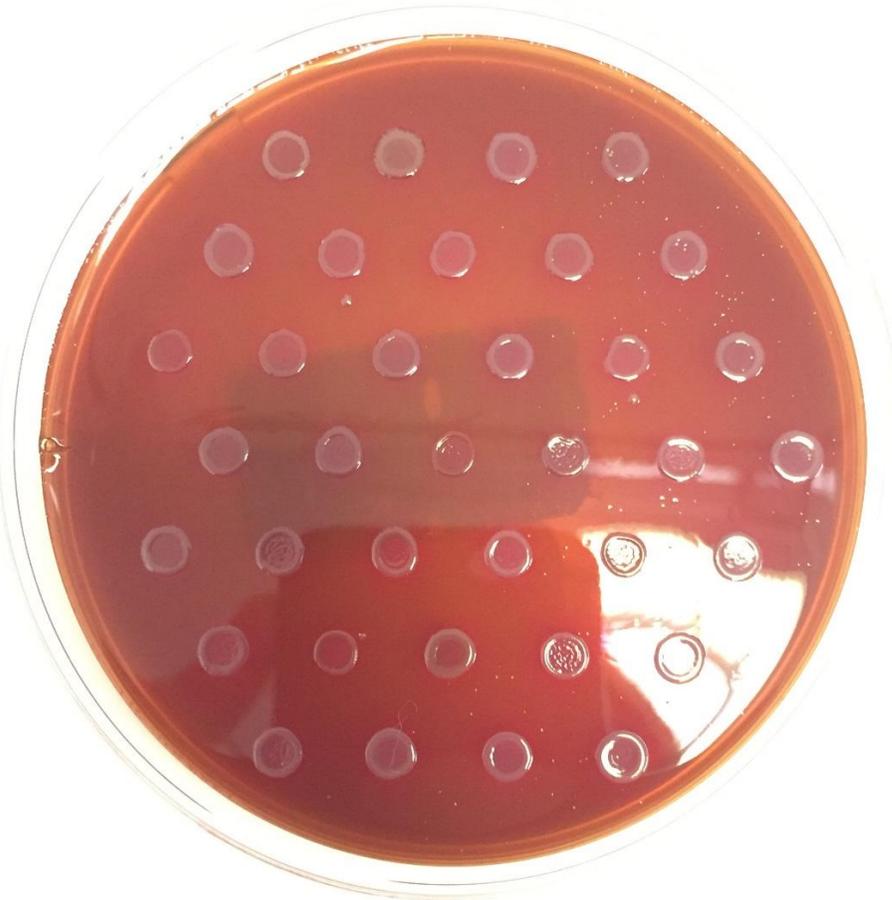


Kontroll-pre
Anaerob

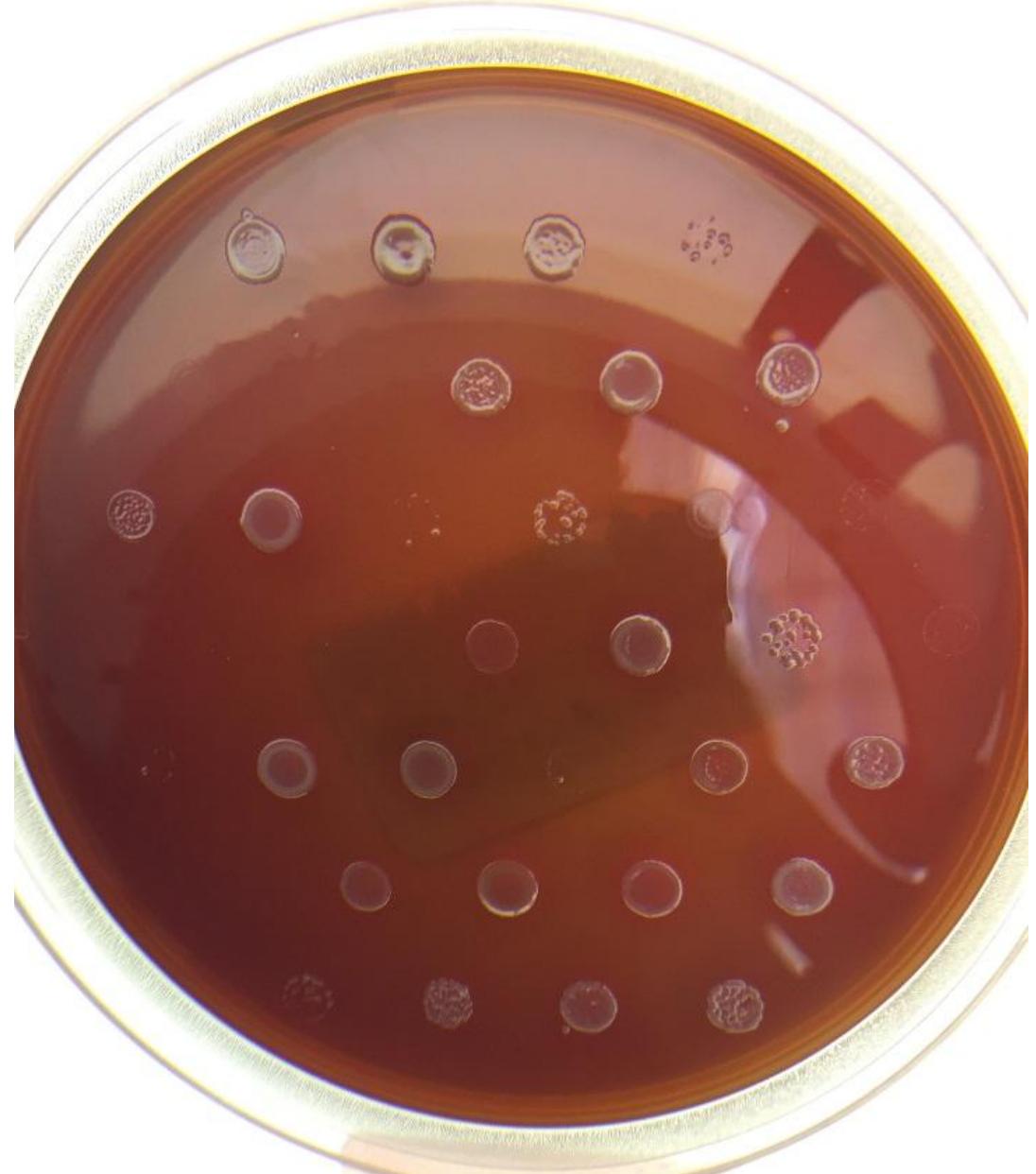


Metronidazol 2 mg/l





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Piperacillin 0,25 mg/L
Tazobactam 4 mg/L

Unpublished data have been left out

Unforeseen problems

- The practical aspects went remarkably smooth
- An ambiguous wording in the protocol resulted in a few labs not reporting clindamycin zones after 16-20 h
- Two labs needed extra FAA plates

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The road ahead

- The EDL continues work on the disk diffusion method
- EUCAST has formed a working group on anaerobic AST
- Some work left in analysing the results
- Feedback to participants
- Publication

Project group

- Christian Giske (Sweden)
- Ellen Haldis Josefsen (Norway)
- Ulrik Justesen (Denmark)
- Gunnar Kahlmeter (EDL/Sweden)
- Erika Matuschek (EDL/Sweden)
- Ørjan Samuelsen (Norway)
- Dagfinn Skaare (Norway)
- Tore Taksdal Stubhaug (Norway)
- Arnfinn Sundsfjord (Norway)



A big thank you to all participants