

**Dutch Methicillin-resistant *Staphylococcus aureus* of Unknown Origin**

1. The number of MUO and MUO CC398 should be determined yearly as part of the MRSA surveillance. (*This thesis*)
2. Successful MRSA eradication therapy should be determined by four follow-up swabs in two months post-eradication therapy, followed by a fifth after six months or a year depending on the risk of early recurrence. (*This thesis*)
3. Seafarers should be included as risk group for MRSA carriage of the MRSA guideline by the WIP. (*This thesis*)
4. Individual risk categories must be reformed into a risk algorithm including the new risk factors for MUO. (*This thesis*)
5. To reduce the number of MUO and misclassification of MKO, the RIVM and medical microbiological laboratories should cooperate together. (*This thesis*)
6. To reduce the number of MUO, typing results must be shared amongst medical microbiological laboratories. (*Lekkerkerk et al., submitted*)
7. As LA-MRSA contaminated soil is found 300 meters downwind of barns, then this should be considered a potential transmission route for MUO CC398.  
(*Schulz et al. Longitudinal Study of the Contamination of Air and of Soil Surfaces in the Vicinity of Pig Barns by Livestock-Associated Methicillin Resistant Staphylococcus aureus; Applied and Environmental Microbiology, 2012; PMID 22685139*)
8. The future of antimicrobial therapy lies outside antibiotics.  
(*Ram et al. Conversion of staphylococcal pathogenicity islands to CRISPR-carrying antibacterial agents that cure infections in mice. Nature biotechnology, 2018; PMID: 30247487*)
9. The introduction of medical scribes will not only improve the productivity of medical doctors who treat patients, but also that of clinical microbiologists.  
(*Walker et al. Impact of scribes on emergency medicine doctors' productivity and patient throughput: multicentre randomised trial. BMJ. 2019; PMID 30700408*)
10. If decade long cohort studies with six hundred thousand children and clear conclusions supported by additional literature fail to convince anti-vaxxers, the money is best spend elsewhere.  
(*Hviid et al. Measles, Mumps, Rubella Vaccination and Autism: A Nationwide Cohort Study; Annals of Internal Medicine, 2019; PMID 30831578*)
11. The European Union should reform into an European Federation.  
(*Young European Federalists and personal opinion*)