Content and purpose
This workshop is meant to build capacity for sequence based typing in S. aureus. Modern techniques, such as spa typing, MLVA, MLVF and MLST will be presented together with up-to-date software tools. Lectures and wet-lab and E-lab training will be performed.

Information/Registration
University Medical Center
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To provide written notification until 1st of October 2011 by fax (+ 31 (0) 50 3619105) or by e-mail is requested due to the limited number of participants.

Programme

Wednesday 12.10.2011

09.00 – 10.00  Coffee/Tea
10.00 – 11.00 Welcome and Registration
Prof. dr. A.W. Friedrich
11.00 – 12.00 Introduction to the course and the wet lab.
Prof. dr. H. Grundmann and Dr. A. Sabat
12.00 – 13.00 Lunchbreak
13.00 – 15.00 DNA-Extraction
Dr. A. Sabat and V. Akkerboom
(Lab)
15.00 – 16.00 PCR
Dr. A. Sabat and V. Akkerboom
(Lab)
17.00 – 18.00 SPA-MLVA-MLST Typing
Dr. A. Sabat
Thursday 13.10.2011

08.00 – 09.00  Coffee/Tea

09.00 – 10.00  Introduction to the day  
Prof. dr. A.W. Friedrich

10.00 – 11.00  Capillary DNA-seperation  
Dr. A. Sabat and V. Akkerboom  
(Lab)

11.00 – 12.00  Purification of PCR-products  
Dr. A. Sabat and V. Akkerboom  
(Lab)

12.00 – 13.00  Seqnet.org and spa Typing in daily infection control  
Prof. dr. A.W. Friedrich

13.00 – 14.00  Lunchbreak

14.00 – 15.00  Sequencing proces  
Dr. A. Sabat

15.00 – 16.00  SRL-Study  
Prof. dr. H. Grundmann

16.00 – 17.00  Typing methods-today  
Prof. dr. A.W. Friedrich

17.00 – 18.00  Future of typing methods  
Prof. dr. H. Grundmann

Friday 14.10.2011

08.00 – 09.00  Coffee/Tea

09.00 – 10.00  Introduction to software  
Dr. A. Sabat

10.00 – 11.00  Staph – Type  
Dr. A. Sabat and V. Akkerboom  
(E-lab)

11.00 – 12.00  From sequence to bed  
Prof. dr. A.W. Friedrich

12.00 – 13.00  Future collaboration  
All

13.00  Lunch and End

Organizers:

Dr. A. Sabat, Senior Researcher for Molecular Biology, Groningen
Prof. dr. A.W. Friedrich, Professor and Chair for Medical Microbiology, Groningen
Prof. dr. H. Grundmann, Professor for Infectious Disease Epidemiology, Groningen
V. Akkerboom, Technician, Medical Microbiology, Groningen
C.B.M.B. Bartelds-Jager, Communication Officer, Medical Microbiology, Groningen