



umcg



spa-Typing WORKSHOP
University Medical Center Groningen, The Netherlands

12/10/2011 to 14/10/2011

at the

Department of Medical Microbiology,
UMCG, Hanzeplein 1, 9713 GZ Groningen

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

Thursday 13.10.2011

08.00 – 09.00	<i>Coffee/Tea</i>
09.00 – 10.00	Introduction to the day <i>Prof. dr. A.W. Friedrich</i>
10.00 – 11.00	Capillary DNA-seperation <i>Dr. A. Sabat and V. Akkerboom</i> (Lab)
11.00 – 12.00	Purification of PCR-products <i>Dr. A. Sabat and V. Akkerboom</i> (Lab)
12.00 – 13.00	Seqnet.org and spa Typing in daily infection control <i>Prof. dr. A.W. Friedrich</i>
13.00 – 14.00	<i>Lunchbreak</i>
14.00 – 15.00	Sequencing proces <i>Dr. A. Sabat</i>
15.00 – 16.00	SRL-Study <i>Prof. dr. H. Grundmann</i>
16.00 – 17.00	Typing methods-today <i>Prof. dr. A.W. Friedrich</i>
17.00 – 18.00	Future of typing methods <i>Prof. dr. H. Grundmann</i>

Friday 14.10.2011

08.00 – 09.00	<i>Coffee/Tea</i>
09.00 – 10.00	Introduction to software <i>Dr. A. Sabat</i>
10.00 – 11.00	Staph – Type <i>Dr. A. Sabat and V. Akkerboom</i> (E-lab)
11.00 – 12.00	From sequence to bed <i>Prof. dr. A.W. Friedrich</i>
12.00 – 13.00	Future collaboration <i>All</i>
13.00	<i>Lunch and End</i>

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,
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