

EMGM Meeting on Current Practical Implementation of Genome Sequencing for Typing of Invasive Bacterial Pathogens (Men, Hi, Pc)

&

Annual Meeting of the IBD-labnet consortium

2nd December 2014

**Venue: Frankfurt Sheraton Airport Hotel
Conference Room 1020-1021**

1st December: Arrival in the evening, overnight stay at the Frankfurt Sheraton Airport Hotel	
2nd December:	
	EMGM Meeting on Current Practical Implementation of Genome Sequencing for Typing of Invasive Bacterial Pathogens (Men, Hi, Pc)
8.30-8.45	Welcome (Ulrich Vogel) & Presentation of the results of the questionnaire (Gaby Gerlach)
8.45-9.20	Keynote: Overview of Software for Rapid High-throughput Sequence Analysis in Clinical & Public Health Microbiology (<i>Dag Harmsen, Muenster, Germany</i>)
9.20-9.55	Keynote: How can genome sequence data be used to help address specific public health issues in meningococci, <i>H. influenzae</i> and pneumococci? (<i>Martin Maiden, Oxford, England</i>)
	<u>Presentations given by representatives of the NRLs:</u>
9.55-10.20	<i>Pneumococcus:</i> England, Carmen Sheppard: <i>"Application of whole genome sequencing to deliver pneumococcal reference services"</i>
10.20-10.35	<i>Meningococcus:</i> Sweden, Paula Mölling: <i>Implementation of NGS in a smaller laboratory</i>
10.35-10.50	Italy, Paola Stefanelli: <i>NGS for surveillance purposes and outbreak investigation</i>
10.50-11.15	France, Germany: MK Taha: <i>Joint project combining genomics and proteomics to unravel mechanisms of transmission among MSM</i>
11.15	Coffee Break
11.45-12.30	Discussion <ul style="list-style-type: none"> • Target selection and nomenclature • Timelines of reporting • Possibilities for centralized platforms • Extended use of EMERT and integration of genome information • Non-culture typing • Role of NGS for Haemophilus typing • Defining an EMGM position
12.30	<i>Lunch</i>
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13.30-13.40	Welcome (Matthias Frosch, Germany)
13.40-13.50	Molecular typing of β -lactamase negative ampicillin-resistant (BLNAR) invasive <i>H. influenzae</i> isolates (Olivier Gaillot, France)
13.50-14.20	EMSC (<i>European Meningococcal Strain Collection</i>) WGS (whole genome sequencing) project (Martin Maiden, England)
14.20-14.45	The Strategy for EU molecular surveillance and epidemic preparedness for invasive meningococcal disease (Marc Struelens, ECDC Stockholm)
14.45-15.30	Presentation of the results of the EQAs 2014
15.30	End of the meeting