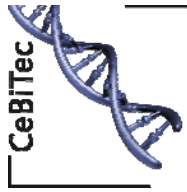


Medical Microbial Genomics Centre



Workshop 'Rapid NGS for Public Health Microbiology' March 4th – 8th, 2013; Univ. Münster

Sponsors



In co-operation with



Objectives and Organization

Objectives

It is our great pleasure to welcome you to the Workshop 'Rapid Next-Generation-Sequencing for Public Health Microbiology' in Münster. Next-Generation-Sequencing (NGS) technology has developed rapidly during the last years. Innovative benchtop NGS platforms broaden application opportunities, especially for diagnostic use and surveillance. The program highlights opportunities and challenges posed by this technology. The workshop has been designed to boost practical knowledge exchange as well as ample discussions with your colleagues from all over Europe.

Participation fees

No participation fees will be charged for members of SeqNet.org, EU PathoNGenTrace & Antigone, BMBF German National Research Platform for Zoonoses, or DGHM Division of Population Genetics & Infectious Disease Epidemiology.

Organization

Dr. **Dag Harmsen**, Dr. **Alexander Mellmann**, Dr. **Ulrich Dobrindt** (Medical Faculty, University Münster) & Dr. **Alexander Goesmann** (CeBiTec, Bielefeld University).

Registration and information

Workshop places are limited. Therefore, please **register before 21st of January 2013**. To do so, fill in the registration form (at the end of this document), sign it, and fax it to the following number: **+49-(0)251-83 47134**.

Venue

Department Periodontology, University Münster
Waldeyerstr. 30, 48149 Münster
Germany

NOTE – Save the dates!

March 2014 we will organize in Münster, Germany again a larger 'Rapid NGS for Clinical & Public Health Microbiology' conference (MMGC 2014). **For 2013** we refer to the Wellcome^{trust} '[Applied Bioinformatics and Public Health Microbiology](#)' conference (May 15th - 17th, 2013; Cambridge, UK).

Monday - Wednesday, 4th – 6th March 2013 (max. 32 participants)

08.00-17.00 Ion Torrent PGM & Illumina MiSeq Microbial Whole Genome Shotgun (WGS) Sequencing Wet Laboratory Workshop

including presentations & demonstrations of PGM and MiSeq laboratory workflow (e.g., amplicon & mate pair sequencing) and automatisisation.

Wednesday, 6th March 2013

19.00-23.00 Evening Dinner in a typical Westphalian Cottage (max. 60 participants)

[Mühlenhof-Freilichtmuseum Münster](#) (no fees).

Thursday, 7th March 2013

09.00-17.00 Rapid NGS for Public Health Microbiology Conference (max. 40 additional participants)

See following page for speaker and topics.

Friday, 8th March 2013

09.00-17.00 Computer Class for NGS WGS Data Analysis

CLCbio Genomics Workbench, BIGSdb, Ridom SeqSphere⁺, CLoVR, and MIRA(?) NGS WGS data analysis.

Rapid NGS for Public Health Microbiology

Jonathan Green, Health Protection Agency, Colindale, United Kingdom

De-novo Assembly Strategies & MIRA (to be confirmed)

Bastien Chevreux, Basel, Switzerland

Benchmark NGS Platform & de-novo Assembler Comparison

Sebastian Jünemann, CeBiTec Bielefeld Univ. & Univ. Münster, Germany

WGS NGS *Campylobacter* spp. & BIGSdb

Keith Jolley, Univ. Oxford, United Kingdom

Manual & Automated Microbial Genome Annotation

Alexander Goesmann, CeBiTec Bielefeld Univ., Germany

NGS Cloud Computing & CLoVR

W. Florian Fricke, Univ. Maryland, USA

Reconstructing Disease Outbreaks from Pathogen Genome Sequences: a Bayesian Approach

Thibaut Jombart, Imperial College London, United Kingdom

WGS NGS Analysis of *Neisseria* and *Pseudomonas* spp.

Ulrich Vogel, Univ. Würzburg, Germany

WGS NGS Analysis of *Staphylococcus aureus* & *Clostridium difficile*

Ulrich Nübel, Robert Koch Institute Wernigerode, Germany

WGS NGS Analysis of *Mycobacterium tuberculosis* complex

Stefan Niemann, Research Centre Borstel, Germany



General Information

Münster is a convention city in the German federal state of North Rhine-Westphalia with European tradition - envoys from Austria, France, Sweden, the Netherlands and Germany gathered there as early as 1648. In Münster City Hall they officially sealed the end of the Thirty Years War with the Treaty of Westphalia.

Historical gabled buildings, baroque treasures, lots of green spaces and delightful surroundings all conspire to make visitors to Münster loath to say farewell. - 200 years of history, bikes, and a pulsating student community lend one of the largest German University Cities charm and character.

How to get to Münster

1.) By plane

Nearest airports:

Münster/Osnabrück (IATA code: FMO) Airport is approx. 35 min by bus (line 51)

Düsseldorf (IATA code: DUS) Airport is approx. 1.5 h by train (very convenient!)

Hannover (IATA code: HAJ) Airport is approx. 2 h by train

2.) By train

Münster is easy to reach by train via high-speed Intercity Express trains. Choose Münster Central Station ("Hauptbahnhof") as your destination (<http://www.bahn.de/view/USA/en/index.shtml>).

3.) By car

Münster is situated in the North-West of Germany. It is located directly at the A1 and A43 Autobahn.

Accommodation

Factory Hotel

An der Germania Brauerei 5
48159 Münster, Germany

WWW: <http://www.factoryhotel-muenster.de/en/>

From Münster Central Station via bus lines 6 or 15 (both from track B2 and direction: Kinderhaus Brüningheide) until "Germania-Campus" stop (approx. 15 min; 2.5 €) or via taxi (approx. 10 min; 10 €).

We made a **hotel room contingent reservation** at the Factory Hotel that is **valid until January 21st 2013**. If you register via phone (+49 [0]251 4188-0), fax (+49 [0]251 4188-999), or Email (mail@factoryhotel.de) by naming the code '**Münster Rapid NGS**' a room will be available for **89 € per night** (no price difference for 1 or 2 person occupation; exclusive breakfast).

If you arrived in Münster, how do you find the Department of Periodontology?

By bus/taxi

The Department of Periodontology (named 'Zahnklinik' on the following map) is located in the Waldeyer Street 30, 48149 Münster.

From the Central Station: Busses leave every 10 min at the Central Station, i.e., line 11 (track C1), line 12 or 14 (both track B1). Suitable bus stops are "Hüfferstiftung", "Jungeblodtplatz", and "Domagkstraße" (takes about 12 min drive). A travel with a taxi from the Central Station takes about 10 min and costs about 10 €.

From the Factory Hotel: The bus line 3 leaves at the "Kanonierplatz" (5 min walk from the hotel; direction Uni-Klinikum') in about 10 min to the stop "Uni-Klinikum". By taxi the drive takes about 5 min (about 7.5 €).

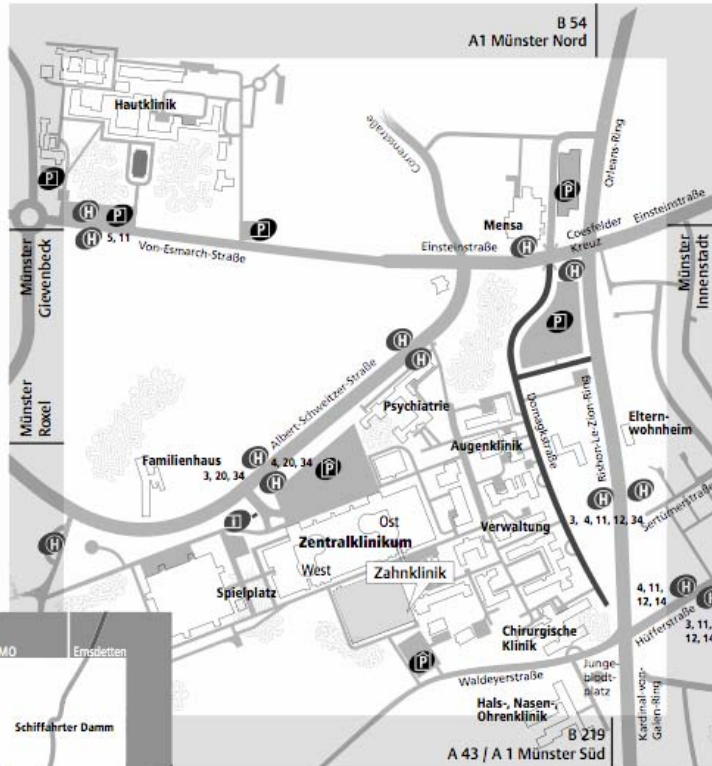
Münster Transportation and Accommodation

So erreichen Sie uns

Poliklinik für
Parodontologie

Waldeyerstraße 30
48149 Münster

Information:
(02 51) 83 - 4 70 01 / - 4 70 02



Parkhaus Zentralklinikum:
Durchgehend geöffnet. Gebührenpflichtig Montag bis Samstag von 6.00 bis 18.00 Uhr, Einzelparkscheine 2,- Euro, 10er-Karte 16,- Euro

Parkhaus Waldeyerstraße:
Geöffnet von 6.00 bis 22.00 Uhr. Gebührenpflichtig: die ersten 15 Minuten kostenfrei, ansonsten 1,- Euro pro Stunde.

Parkplatz Domagkstr./Coesfelder Kreuz:
Durchgehend geöffnet. Gebührenpflichtig rund um die Uhr, Tagessatz 1,- Euro

Parkhaus Universität (Mensa II):
Montag bis Freitag von 6.00 bis 21.00 Uhr, gebührenfrei



Please register before 21st of January 2013. To do so, please fill in the following form completely, sign it, and fax it back to (*we will confirm your participation within 3 working days; book only your accommodation after confirmation*).

Fax-number +49(0)251-83 47134

**Registration
Rapid NGS for Public Health Microbiology**

- Ms.
 Mr.

| | | | |
|-----------------------------------|-----------|---------|---------|
| Title | Last name | Surname | |
| Institute / Clinic / Organisation | | | |
| Street | ZIP | City | Country |
| Phone | Fax | Email | |

Workshop 'Rapid NGS for Public Health' (max. 32 participants; March 4th – 8th 2013)

ONLY Conference 'Rapid NGS for Public Health' (max. 40 additional participants; Thursday, March 7th 2013)

Social Event 'Mühlenhof' (max. 60 participants; Wednesday evening, March 6th 2013)

If Workshop 'Rapid NGS for Public Health' already occupied, then make at least a reservation for the **Conference 'Rapid NGS for Public Health'** (March 7th 2013)

| | | |
|------|------|-----------|
| City | Date | Signature |
|------|------|-----------|

Contact

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