

AREVIR-GenaFor-Meeting
Verbundprojekt HIV-HEP-MASTER
EuResist

When: 29.04.16 – 30.04.16 (9:00 am – 6:30 pm)

Where: Stadthotel am Römerturm, St. Apern-Str. 32, 50667 Köln

Registration is free like every year!

We have a restricted number of free rooms for the night from April 29th – 30th, 2016 for young investigators. Additional rooms and further accommodations are available for special room rates!

Contact:

Claudia.Mueller@med.uni-duesseldorf.de for registration and accommodation

Resistance testing is meanwhile „standard of care“. Different projects such as AREVIR, RESINA and RKI HIV-1 Serokonverter-Kohorte and the new HIV-/HEP-MASTER project contribute to better interpretation systems and analyze the risk of transmission of resistant HIV in Germany. On an European level the results of AREVIR and RESINA are continuously integrated into the EUResist project together with the Karolinska and ARCA data and other European partners (www.euresist.org). Our aim is the prediction of the most likely best working drug combinations. For that reason, geno2pheno-THEO (www.genafor.org) was developed and integrated into the EUResist prediction tool which is also freely available via internet. Nevertheless we need to understand the contribution of each resistance associated mutation and we have to agree on strategies for resistance testing and interpretation. These are the aims of HIV-GRADE (www.hiv-grade.de). New antiretroviral drugs in new classes require equivalent diagnostics. Within HIV-GRADE and geno2pheno such interpretation tools have been developed and are continuously updated. This includes the prediction of the coreceptor usage (tropism) prior to therapy with coreceptor blockers like maraviroc and resistance to the integrase inhibitors raltegravir, elvitegravir and dolutegravir. A workshop within the European project EucoHIV (www.eucohiv.org) for training and discussion on HIV-tropism is part of the meeting.

For HBV the technical expertise from the HIV-projects could be adapted, so that interpretation systems are already available. Geno2pheno and HIV-GRADE predict resistance, (sub-) genotype and escape mutants. New drugs seem to come and need probably new diagnostics which will be discussed on the meeting.

For HCV-therapy a new era has been entered with the availability of direct antiviral agents (DAAs). The DAAs are now established treatment options, they are extremely successful but also very expensive. Patient specific decisions are necessary and the diagnostic tools like the interpretation system geno2pheno_[HCV] support the clinical needs. Groups like HIV-GRADE try to meet the challenge of providing and evaluating such diagnostic tools.

A new topic for our meeting although an old challenge in immunocompromised patients is CMV. We will present and discuss the clinical situation, diagnostic tools and their application in therapeutic approaches.

Since 2000 the meeting is an exchange platform for clinicians, bioinformaticians and virologists. Participants have the chance to discuss clinical cases with other experts – the fasta file of the relevant case from HIV, HBV, HCV, CMV and clinical information is needed, while the interpretation systems can be utilized online at the meeting. The suppliers of the commercial systems will also be present. Furthermore, protocols are available at the meeting and will be visible on the internet after the meeting under www.genafor.org.

The language of the meeting is English.

Friday, 29.04.2016

09:00 – 09:10 **Opening Remarks Rolf Kaiser**

09:10 – 10:45 **EuResist /Eucohiv /EPISTEM
Geno2pheno tropism – update**

Chairs: Francesca Incardona, Matthias Döring

Speakers: Francesca Incardona, Prabhav Kalaghatgi, Annemieke Vandamme, Matthias Döring/Eugen Schülter, Ujjiwal Neogi, Thomas Klimkait

10:45 – 11:00 **Coffee break**

11:00 – 12:15 **CMV in immunocompromised patients**

Chairs: Claudia Müller, Rolf Kaiser

Speakers: Christoph Scheid, (bone marrow transplant), Mark Oette (HIV-patients), Detlef Michel

12:15 – 13:30 **HCV personalized medicine**

Chairs: Tobias Goeser, Jörg Timm

Speakers: Dirk Nierhoff, Andreas Walker, Benjamin Maasoumy

13:30 – 14:30 **Lunch**

14:30 – 15:45 **Workshop sessions part 1 (select one)**

1. HIV-resistance, HIV tropism Stefan Scholten, Alejandro Pironti, Hauke Walter
- 2 HCV resistance: Katja Römer, Prabhav Kalaghatgi, Saleta Sierra-Aragon
3. CMV diagnostics in immunocompromised patients: Veronica Di Christanziano, Marco Herling, Detlef Michel

15:45 – 16:15 **Coffee break**

16:15 – 17:30 **Workshop sessions part 2 (select one)**

1. HIV-resistance, HIV tropism Stefan Scholten, Alejandro Pironti, Hauke Walter
- 2 HCV resistance: Katja Römer, Prabhav Kalaghatgi, Saleta Sierra-Aragon
3. CMV diagnostics in immunocompromised patients: Veronica Di Christanziano, Marco Herling, Detlef Michel

17:30 – 18:15 **NGS – whats available and how to use?**

Chair: Rolf Kaiser

Speaker: Ronan Boulmé, Martin Däumer, Alex Thielen, Elena Knops

Saturday, 30.04.2016

09:00 – 10:30

**HIV-1 and 2 diagnostics and therapy - state of ART,
HIV-GRADE / new therapy guidelines for HIV-1 and HIV-2**

Chairs: Thomas Klimkait, Josef Eberle

Speakers: Hans-Jürgen Stellbrink, Hauke Walter, Jens Verheyen, Ricardo Camacho, Martin Obermeier

10:30 – 10:45

Coffee break

10:45 – 12:45

RESINA and RKI - seroconverter study HIV/HEP MASTER

Chairs: Björn Jensen, Rolf Kaiser

Speakers: Björn Jensen, Andrea Hauser, Kirsten Hanke, Nadine Lübke/Ulrike Haars

12:45 – 13:30

Lunch

13:30 – 14:15

Hepatitis B – the drug pipeline

Chair: Maria Neumann-Fraune

Speaker: Dieter Glebe

14:15 – 15:30

Viral load issues

Chairs: Heribert Knechten, Patrick Braun

Speakers: Gudrun Naeth, Johannes Vermehren, Christian Noah

15:30 – 16:00

Coffee break

16:00 – 17:30

EPISTEM / The Düsseldorf Patient

Chairs: Dieter Häussinger, Herbert Pfister

Speakers: Annemarie Wensing, Guido Kobbe, Thomas Harrer, Stefan Esser, Björn Jensen

17:30 – 18:00

Summary and outline
Rolf Kaiser

The Meeting is kindly supported by:

ViiV Healthcare	(1.500 €)	Bristol-Myers Squibb	(1.000 €)
MSD Sharp & Dohme	(1.500 €)	Gilead	(1.500 €)
Abbott Molecular	(750 €)	Hologic	(1.500 €)
QIAGEN	(750 €)	Abbvie	(1.000 €)
Roche	(750 €)	Cepheid	(1.500 €)
Janssen Cilag	(1.500 €)	Hexal	(700 €)
Vela	(750 €)	Siemens	(500 €)
ABL	(500 €)		

The meeting will be certified from the Ärztekammer Nordrhein with credit points.
The Meeting is organised by genafor e.V.

Organising committee: Björn Jensen, Thomas Lengauer, Francesca Incardona, Heribert Knechten, Patrick Braun, Mark Oette, Rolf Kaiser and
Claudia Müller

Stadthotel am Römerturm Anreise mit dem Auto:

Wenn Sie mit dem Navigationsgerät anreisen, geben Sie bitte folgende Adresse ein:

Helenenstraße 11, 50667 Köln

Autobahnkreuz Köln-Süd (A4/A555), A4 Richtung Aachen, Ausfahrt Köln Klettenberg, Richtung Zentrum auf die Luxemburger Straße, über Barbarossaplatz geradeaus in die Neue Weyerstraße, Ausschilderung WDR, Dom/Hauptbahnhof folgen, links auf die Nord- Süd- Fahrt, diese geht in die Tunisstraße über, dann Ausschilderung Friesenplatz folgen (links abbiegen). Durch die Komödienstraße auf die Zeughausstraße, dann eine Kehrtwendung, um rechts in die Straße Am Römerturm einzubiegen. Geradeaus befindet sich die Einfahrt zum Parkplatz.

Autobahnkreuz Köln-Ost (A3/A4), Richtung Köln Zentrum, Zoobrücke, Zoobrücke, Rhein überqueren, Innere Kanalstr. folgen, Richtung Köln - Süd/Lindenthal den Fernsehturm passieren bis Vogelsanger Straße, links abbiegen in Richtung Zentrum, an der Unterführung links einordnen und den Hinweisen Dom/Rhein/ Neumarkt/Ringe folgend in die Bismarckstraße einbiegen. An der Venloer- Straße rechts abbiegen Hinweis Dom/Rhein, Neumarkt/Ringe in Richtung Hauptbahnhof/Kölner Dom/Magnusstraße folgen, St.-Apern-Straße passieren, hinter dem Römerturm direkt rechts in die Straße Am Römerturm einbiegen. Geradeaus befindet sich die Einfahrt zum Parkplatz.