

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

**When: 08.05.15 – 09.05.15 (9:00 am – 18:30 pm)**

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

**Registration is free like every year!**

**We have a restricted number of free rooms for the night from 08. – 09. Mai for young investigators. Additional rooms and further accommodations are available for special room rates!**

**Contact:**

**[Claudia.Mueller@med.uni-duesseldorf.de](mailto: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 Serokonverter-Analyse and the new HI-/HEP-MASTER project contribute to better interpretation systems and analyze the risk of transmission of resistant HIV in Germany. On a 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](http://www.euresist.org)). Our aim is the prediction of the most likely best working drug combinations. For that reason, geno2pheno-THEO ([www.genafor.org](http://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](http://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 being 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](http://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.

For HCV-therapy a new era has been entered with the availability of direct antiviral agents (DAAs). The protease inhibitors boceprevir and telaprevir are established on the market already and sofosbuvir has reached as the first polymerase inhibitor. Interpretation systems for the prediction of therapy success are needed and geno2pheno<sub>[HCV]</sub> as well as HIV-GRADE are meeting this challenge.

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 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](http://www.genafor.org).

The language of the meeting is English.

**Friday, 08.05.2015**

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

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

**Chairs:**                Eugen Schülter, Claudia Müller

**Speakers:**            Francesca Incardona, Maurizio Zazzi, Prabhav Kalaghatgi  
Alejandro Pironti, Annemarie Wensing  
Matthias Döring/Eugen Schülter

10:45 – 11:00           **Coffee break**

11:00 – 13:00           **HCV personalized medicine**

**Chairs:**                Rolf Kaiser, Dieter Häussinger

**Speakers:**            Florian van Bömmel, Verena Keitel, Jörg Timm, Jörg Schlaak,  
Daniel Rupp, Bastian Beggel

13:00 – 13:30           **New Strategies for HCV**

**Chair:**                 Tobias Goeser

**Speaker:**             Thomas Pietschmann

13:30 – 14:30           **Lunch**

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

1. HIV-resistance: Björn Jensen, Alejandro Pironti, Hauke Walter
2. HIV tropism + PrEP: Stefan Scholten, Martin Obermeier, Nico Pfeifer
3. HCV resistance: Katja Römer, Bastian Beggel, Saleta Sierra-Aragon

15:45 – 16:30           **Coffee break**

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

1. HIV-resistance: Björn Jensen, Alejandro Pironti, Hauke Walter
2. HIV tropism + PrEP: Stefan Scholten, Martin Obermeier, Nico Pfeifer
3. HCV resistance: Katja Römer, Bastian Beggel, Saleta Sierra-Aragon

17:30 – 18:00           **Summary of the workshops**

Rolf Kaiser

**Saturday, 09.05.2015**

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09:00 – 10:30

**HIV-1 and 2 diagnostics and therapy - state of ART,  
HIV-GRADE**

**Chairs:** Thomas Klimkait, Mark Oette

**Speakers:** Hauke Walter, Martin Däumer, Alex Thielen, 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:** Dieter Häussinger, Herbert Pfister

**Speakers:** Björn Jensen, Karolin Meixenberger, Norbert Bannert, Daniel Schmidt,  
Lavinia Fabeni, Nadine Lübke

12:45 – 13:45

**Lunch**

13:45 – 15:15

**HIV & More**

**Chairs:** Hauke Walter, Lutz Gürtler

**Speakers:** Carsten Münk, Eva Heger, Thomas Harrer, Stefan Esser, Anna Feldmann

15:15 – 17:00

**Geno2pheno – update**

**Chairs:** Thomas Lengauer, Elena Knops

**Speakers:** Alejandro Pironti, Thomas Klimkait, Tomas Bastys, Achim Büch,  
Nico Pfeifer

17:00– 17:30

**Coffee break**

17:30 – 18:00

**Summary and outline**

Rolf Kaiser

## The Meeting is kindly supported by:

<b>ViiV Healthcare</b>	(2.000 €)	<b>Bristol-Myers Squibb</b>	(2.000 €)
<b>MSD Sharp &amp; Dohme</b>	(1.500 €)	<b>Gilead</b>	(1.500 €)
<b>Abbott</b>	(1.200 €)	<b>Hologic</b>	(1.500 €)
<b>QIAGEN</b>	( 600 €)	<b>Abbvie</b>	( 500 €)
<b>Roche</b>	(1.000 €)		

**Diese Veranstaltung wird von der Janssen Cilag GmbH mit einem Educational Grant in Höhe von 5.000 € unterstützt**

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,  
Maurizio Zazzi, 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.