



Academic Medical Center Department of Gastroenterology & Hepatology  
Meibergdreef 9, 1105 AZ Amsterdam, The Netherlands

## Symposium on Liver Function Tests (21st January 2017)

Dear Colleagues,

LiSyM, the German research network on Systems Medicine of the Liver, will organize a symposium on Liver Function Tests attached to the upcoming 2017 annual meeting of the German Association for the Study of the Liver (GASL) in Essen.

The aim of the symposium is to discuss recent test methods, their advantages for MDs and patients, and to assess their diagnostic potential conclusiveness.

You are cordially invited to attend the meeting in Essen and to discuss liver tests with us.

Kind regards,

Prof. Dr. Frank Lammert

Prof. Dr. Peter LM Jansen





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## LiSyM Special Symposium

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### 1 Topic

**Liver function tests as clinical endpoints: *What do they measure?*  
*When are they useful?***

### 2 Team

Prof. Dr. Matthias Glanemann  
Department of General, Visceral, Vascular and Pediatric Surgery, University  
of Saarland, Homburg, Germany

Prof. Dr. Peter L.M. Jansen  
Program Director LiSyM – Liver Systems Medicine, Academic Medical  
Center, Amsterdam, The Netherlands

Prof. Dr. Frank Lammert  
Department of Medicine II, Saarland University Medical Center, Saarland  
University, Homburg, Germany

#### 2.2 Organizing committee

Johannes Bausch  
LiSyM – Liver Systems Medicine, Albert Ludwig University of Freiburg,  
Germany

Dr. Maciej Malinowski  
Department of General, Visceral, Vascular and Pediatric Surgery, University  
of Saarland, Homburg, Germany



## 3 Location

University Hospital Essen  
University of Duisburg-Essen  
Hufelandstraße 55  
45147 Essen

### Traveling by car

A2 Exit Essen/Gladbeck, turn right to B224, from junction Glad- becker Straße/Grillostraße follow the signs to „Universitätsklinikum“ folgen | A42 interchange Essen-Nord, B224 Glad- becker Straße drive towards Essen; from junction Gladbecker Straße/Grillostraße follow the signs to „Universitätsklinikum“ | A40 exit Essen-Holsterhausen/Altendorf: from the direction of Dortmund go left, from the direction of Duisburg turn right. Follow the signs to „Universitätsklinikum Essen“ | A52 exit Essen-Rüttenscheid: follow the signs to „Universitätsklinikum Essen“

### Traveling by Public Transport

U17 underground line: Station „Holsterhauser Platz“: approx. 5 minutes walk to the venue | Tramway 106: Station „Klinikum“ | Bus line 160/161: Station „Klinikum“: approx. 5 minutes walk to the venue

## 4 Key Dates

- 4.1 Registration deadline: December 31, 2016  
4.2 Meeting: **Saturday, January 21, 2017**

## 5 Registration

The participation is free of charge. Please register online here before the end of the year:

<https://goo.gl/forms/H3ZujQQzr9uisiFJ3>

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## 6 Program

### Session 1

#### **Chairs:**

Matthias Glanemann

Department of General, Visceral, Vascular and Pediatric Surgery, Saarland  
University Medical Center, Homburg, Germany

Gustav Paumgartner

Department of Medicine III, Medical University, Vienna, Austria

10:30 – 10:40

#### **Introduction**

Matthias Glanemann (Department of General, Visceral, Vascular and  
Pediatric Surgery, University of Saarland, Homburg, Germany)

10:40 – 11:00

#### **Maximum (enzymatic) liver function capacity (LiMAX Test): the clinical evidence to date**

Martin Stockmann (Department of General, Visceral, and Vascular Surgery,  
Hospital Wittenberg, Germany)

11:10 - 11:30

#### **LiMAX Test: computational integration into systems analysis of liver function**

Matthias König (Charité, Computational Systems Biochemistry Group,  
Berlin, Germany)

11:40 – 12:00

#### **Hepatobiliary scintigraphy to test the functional liver volume**

Thomas van Gulik (Department of Surgery, Academic Medical Center,  
University of Amsterdam, Amsterdam, The Netherlands)

12:10 – 13:00

Coffee break

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## Session 2

### Chairs:

Peter LM Jansen  
Program Director LiSyM – Liver Systems Medicine

Hermann-Georg Holzhütter  
Charité, Computational Systems Biochemistry Group, Berlin, Germany

13:00 – 13:20

### Physiologically based pharmacokinetic (PBPK) modeling as liver function test

Lars Küpfer (System Biology Group, Bayer Technology Services GmbH, Leverkusen, Germany)

13:30 – 13:50

### [N-Methyl-11C]cholylsarcosine, a novel bile acid tracer for PET/CT of hepatic excretory function

Kim Frisch (PET Centre, Aarhus University Hospital, Denmark)

14:00 – 14:30

### How to define the best test? “GEC as a measure of galactose Vmax” Vs. “FDGal clearance as an indirect measure of hepatic galactose Vmax”

Susanne Keiding (Department of Nuclear Medicine and PET Centre, Aarhus University Hospital, Aarhus, Denmark)

14:40 – 15:00

### Liver Function Tests dataBASE (LFT-BASE): How to compare the liver function tests? Proposal for a registry trial

Maciej Malinowski (Department of General, Visceral, Vascular and Pediatric Surgery, University of Saarland, Homburg, Germany)

15:10 – 15:25

### Closing remarks

Frank Lammert (Department of Medicine II, Saarland University Medical Center, Homburg, Germany)



## 7 Accommodation

We kindly ask you to book your accommodation at one of the following hotels:

### Motel One Essen

Kennedyplatz 3 | 45127 Essen | Phone: +49 201 4375 37-0

[www.motel-one.com/de/hotels/essen](http://www.motel-one.com/de/hotels/essen)

Distance to the venue: 3.5 km

### Hotel Franz

Steeler Str. 261 | 45138 Essen | Phone: +49 201 50707 - 301

[www.hotel-franz.de](http://www.hotel-franz.de)

Distance to the venue: 5 km

### InterCityHotel Essen

Hachestraße 10 | 45127 Essen | Phone: +49 201 869996-75

[www.intercityhotel.com](http://www.intercityhotel.com)

Distance to the venue: 2.9 km

### ATLANTIC Congress Hotel Essen

Norbertstr. 2a | 45131 Essen | Phone: +49 201 94628-0

[www.atlantic-congress-hotel-messe-essen.de](http://www.atlantic-congress-hotel-messe-essen.de)

Distance to the venue: 1 km

### Hotel Arosa

Rüttenscheider Straße 149 | Phone: +49 201 7226-0

[www.hotelarosaessen.de](http://www.hotelarosaessen.de)

Distance to the venue: 1.4 km

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