

Workshop



# Liver-Gut-Axis

Online Live Event  
January 28-29, 2021



Preliminary  
Program

**Application for  
CME credits  
submitted**

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CME credits for the Workshop have been applied for at the European Union of Medical Specialists (UEMS). The number of credits awarded will be published in the final program.

## Preface

Dear colleagues, dear friends,

It is my great pleasure to invite you to the workshop „Liver-Gut-Axis“ organized by the Falk Foundation e.V. that will take place from January 28th until January 29th, 2021 preceding the 37th Annual Meeting of the German Association for the Study of the Liver (GASL). Being fully aware of the current pandemic COVID-19 situation both events have been planned as virtual meeting, appreciated and rewarded with an up-to-date agenda on the latest developments in the interplay between liver and gut.

The program of this meeting will therefore cover four areas of major interest:

First, hepatic regeneration in its different aspects spanning from antisense strategies in hereditary liver disease to artificial liver support as well as perioperative anticipation and avoidance of postoperative liver failure. Second, the current concepts in intestinal failure-associated liver disease, which will reflect the latest developments in intestinal rehabilitation and transplantation as well. Third, the field of liver transplantation in a broader sense, covering new concepts of allograft preservation and preconditioning, immune tolerance and living donation. Last, we will focus on the role of microbiota in the liver-gut-axis and its role in different disease entities.

During this workshop, outstanding international experts will discuss the most recent findings regarding these exciting topics. Complementary to the oral presentations there will be accompanying poster sessions on both days. The workshop will be followed by the annual meeting of the GASL to which you are also cordially invited.

I would like to thank all the speakers and participants of this workshop for taking the time to join us in Münster and share their latest findings. I am confident that we will have a highly stimulating workshop that will not only provide new insights into the various aspects of the interplay between liver and gut but also offer new opportunities for future collaborations. I have the privilege to be supported in the organization of this workshop by an experienced and very motivated interdisciplinary team, Hartmut Schmidt, Hauke Heinzow, Benjamin Strücker, and Haluk Morgül, whom I would like to give special thanks. This team represents our common idea of an interdisciplinary visceral medicine joining and amplifying the resources and forces of the field of gastroenterology and hepatology as well as visceral surgery. As a representative in the field of visceral surgery, it is my special concern to revitalize and enhance the contribution of surgical colleagues to the Workshop and the GASL Meeting as well.

Last but not least, I am most grateful to the Falk Foundation for the generous support of this workshop.

We wish you a most enjoyable and insightful meeting and very much look forward to welcoming you to our online live event.

Andreas Pascher  
GASL President 2020/2021  
Professor and Director  
Department of General, Visceral and Transplant Surgery  
Universitätsklinikum Münster

Workshop



# Liver-Gut-Axis

January 28-29, 2021

The 37<sup>th</sup> Annual Meeting of the German Association for the Study of the Liver will follow the Workshop:

January 29, 12.15 h to

January 30, 13.30 h (UTC)

## Scientific Organization:

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## Scientific Co-Organization:

B. Strücker, Münster (Germany)

H. Heinzow, Münster (Germany)

M. H. Morgül, Münster (Germany)

H. Schmidt, Münster (Germany)

## Registration:

For details see page 12

## Official Language:

English

## Call for Posters:

A poster session will take place.

For details see page 8

**The Workshop is organized  
by Falk Foundation e.V.**

## Publication Date of the Final Program:

January 2021

The final program will be available on the homepage [www.falk-foundation-symposia.org](http://www.falk-foundation-symposia.org) one week before the start of the workshop.



# Thursday, January 28, 2021

**12:00** Welcome and opening remarks

A. Pascher,  
Münster

## Session I Hepatic regeneration

**Chairs:** K.J. Oldhafer, Hamburg; A. Pascher, Münster

**12:05** Introduction to the topic

**12:10** Si-antisense strategy for hereditary liver disease

H. Schmidt,  
Münster

**12:25** Q&A

**12:35** Artificial liver support

R. Jalan,  
London

**12:50** Q&A

**13:00** Bioartificial livers – where do we stand?

A. Soto-Gutierrez,  
Pittsburgh

**13:15** Q&A

**13:25** Induction and anticipation of post-resection and post-transplant hepatic regeneration

P.-A. Clavien,  
Zurich

**13:40** Q&A

**13:50** Augmented reality and deep learning for liver surgery

A. Schenk,  
Bremen

**14:05** Q&A

**14:15** Summary & highlights

**14:30 Break**



**Thursday, January 28, 2021**

**Session II**  
**Liver transplantation**

**Chairs:** U. Neumann, Aachen; H. Schmidt, Münster

- 14:55** Introduction to the topic
- 15:00** Machine perfusion of the donor allograft P. Friend,  
Oxford
- 15:15** Q&A
- 15:25** Pretransplant conditioning of (steatotic) donor livers N. Raschzok,  
Berlin
- 15:40** Q&A
- 15:50** Immune tolerance in liver transplantation S. Feng,  
Los Angeles
- 16:05** Q&A
- 16:15** Minimal invasive and robotic-assisted living donor  
hepatectomy D.C. Bröring,  
Riad
- 16:30** Q&A
- 16:40** Summary & highlights
- 16:55** **Closing remarks** A. Pascher,  
Münster



# Friday, January 29, 2021

**7:00** Welcome

A. Pascher,  
Münster

## Session III Intestinal failure-associated liver disease

**Chairs:** J. Brockmann, Münster; U.-F. Pape, Hamburg

**7:05** Introduction to the topic

**7:10** IFALD - Current pathophysiologic concepts

L. Pironi,  
Bologna

**7:25** Q&A

**7:35** Current concepts in intestinal rehabilitation

P.B. Jeppesen,  
Copenhagen

**7:50** Q&A

**8:00** State-of-the-Art-Lecture: Parenteral nutrition

G. Lamprecht,  
Rostock

**8:15** Q&A

**8:25** State-of-the-Art-Lecture: Intestinal and multivisceral transplantation

J. Brockmann,  
Münster

**8:40** Q&A

**8:50** Summary & highlights

**9:05 Break**



# Friday, January 29, 2021

## Session IV Microbiota

**Chairs:** H. Heinzow, Münster; A. Pascher, Münster

- 9:30** Introduction to the topic
- 9:35** The role of the gut-liver axis in the pathogenesis of liver disease B. Schnabl, La Jolla
- 9:50** Q&A
- 10:00** The gut microbiota in dysfunction-associated fatty liver disease N. Lanthier, Louvain
- 10:15** Q&A
- 10:25** State of the art: Fecal microbiota transfer in immunocompromised patient M. Vehreschild, Frankfurt
- 10:40** Q&A
- 10:50** Gut-liver axis and probiotics: What do we know? J. S. Bajaj, Richmond
- 11:05** Q&A
- 11:15** Summary & highlights
- 11:30** Closing remarks A. Pascher, Münster
- 12:15** **Opening of the Annual Meeting of the GASL**



## Call for Posters

Please submit your poster abstract before **November 30, 2020**. Only one-page abstracts not exceeding 300 words and written in English will be accepted.

Abstracts must be submitted via our Internet Abstract Submission System (<https://poster.falkfoundation.com>) where further information regarding the submission format and the submission process is provided.

The abstracts will be selected by the scientific organizers, preference being given to those thematically related to one of the sessions of the program. The accepted abstracts will be published.

The authors will receive notification about acceptance and further instructions in **December 2020**.

Contact address for further information on the poster session:

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Web address for submitting poster abstracts:  
<https://poster.falkfoundation.com>

## Poster Session

There will be a virtual poster session on January 28-29, 2021. All authors of accepted posters will receive further information by email.

# List of Speakers, Moderators and Scientific Organizers

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## Congress Fees

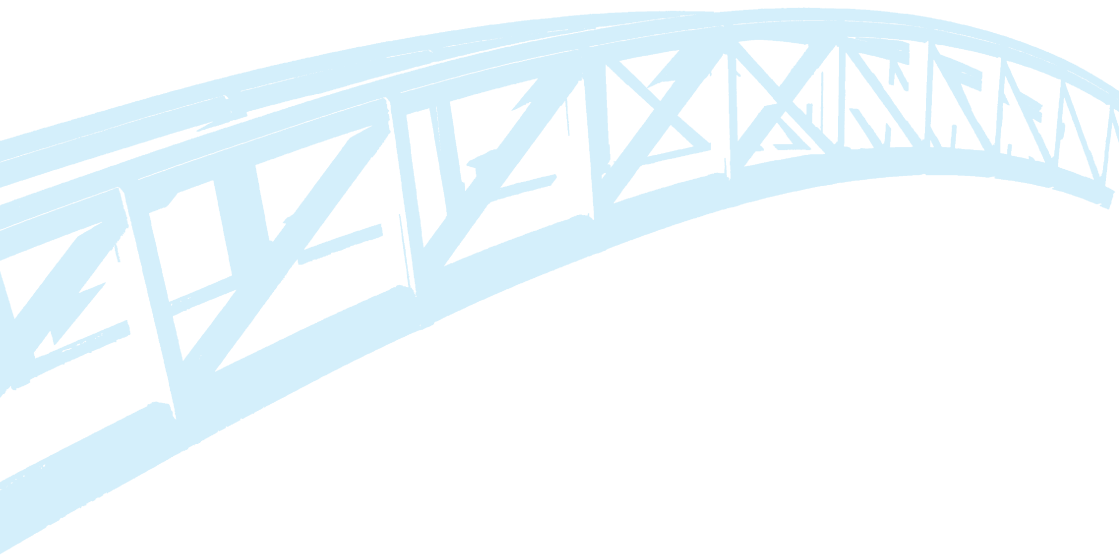
The Online Live Event „Liver-Gut-Axis“ is free of charge.

## Registration

You can register online under the following link:  
<https://register.falkfoundation.com>



After registration you will receive a confirmation with your login details.



## Organized by:

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