

Workshop



Liver-Gut-Microbiome Interactions

January 25 – 26, 2018

Radisson Blu Hotel
Hamburg, Germany



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) – European Board of Gastroenterology (EBG). The number of credits awarded will be printed in the final program.

Preface

Dear colleagues,

It is a great pleasure for us to welcome you to the GASL Research Workshop 2018 organized by the Falk Foundation e.V. entitled “Liver-Gut-Microbiome Interactions” in Hamburg.

Over the last decade immune-mediated diseases in several organs including the liver such as autoimmune hepatitis (AIH) and primary sclerosing cholangitis (PSC) have been increasing. These diseases are characterized by a dysregulated immune response promoting a vicious circle leading to chronic disease and organ failure. Over recent years it has been shown that the intestine impacts on these immune-mediated liver diseases. This connection between the intestine and the liver is obvious in PSC, which is strongly associated with inflammatory bowel disease (IBD). However, recent findings also imply a key role of the intestine in the development of non-alcoholic steatohepatitis (NASH) and AIH. The microbiome is one key component which influences the intestinal immune system and thereby probably also liver disease.

In general, the relationship between the host and the microbiota is considered peaceful and even mutualistic. Mammals have evolved indeed a complex mucosal immune system, composed of epithelial cells, stromal cells and hematopoietic cells, including regulatory and effector T cells to avoid inflammation in the intestine as a response to microbiota. Interestingly, the balance between all these players does not only impact intestinal disease, but also liver disease. However, the cellular and molecular mechanisms explaining the connection between the intestine, the microbiota and the liver are unclear.

For this reason, the focus of the GASL Research Workshop is liver-gut-microbiome interactions. During this workshop, outstanding international experts will discuss the most recent findings regarding this exciting topic. There will be an accompanying poster session on both days. The workshop will be followed by the annual meeting of the German Association for the Study of the Liver 2018, to which we would also like to extend an invitation to you.

We hope that you will enjoy the workshop and the opportunity to take part in fruitful discussions in a familiar atmosphere. Last but not least, we hope that you will enjoy staying in Hamburg, one of the biggest European metropolitan areas located in the north of Germany.

Nicola Gagliani Samuel Huber Ansgar W. Lohse Christoph Schramm

Workshop



Liver-Gut-Microbiome Interactions

January 25 – 26, 2018

Radisson Blu Hotel

Hamburg, Germany

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Scientific Co-Organization:

N. Gagliani, Hamburg
S. Huber, Hamburg
C. Schramm, Hamburg

Official Language:

English

Call for Posters:

A poster session will take place.
For details see page 9.

Publication Date of the Final Program:

January 2018

The final program will be available on the homepage www.falk-foundation-symposia.org one week before.

The **34th Annual Meeting of the German Association for the Study of the Liver** will follow the Workshop:

January 26, 13.15 h to
January 27, 14.30 h

Workshop Venue:

Radisson Blu Hotel
Marseiller Str. 2
20355 Hamburg

The Workshop is organized by Falk Foundation e.V.



Thursday, January 25, 2018

12.00 Lunch with poster session

13.00 Welcome and opening remarks

A.W. Lohse,
Hamburg

Session I Intestinal inflammation

Chair: S. Huber, Hamburg; H. Tilg, Innsbruck

13.10 Intestinal inflammation and its relevance for the liver

M.F. Neurath,
Erlangen

13.35 DC as central players of mucosal immunology

E.J. Villablanca,
Stockholm

14.00 Mucosal barrier function in health and disease

J. Wehkamp,
Tübingen

14.25 State-of-the-Art Lecture:

Control of inflammatory responses via regulatory T cells

M.G. Roncarolo,
Stanford

15.00 Coffee break with poster session



Thursday, January 25, 2018

Session II Microbiome

Chair: J.G. Bode, Düsseldorf; A. Stallmach, Jena

- | | | |
|--------------|---|--------------------------|
| 15.30 | Diet and microbiota: Potential for therapeutic interventions | S.C. Bischoff, Stuttgart |
| 15.55 | How genes shape our microbiota | A. Franke, Kiel |
| 16.20 | Neonatal imprinting of tolerogenic properties in gut-draining lymph nodes by microbiota | J. Huehn, Braunschweig |
| 16.45 | Regulation of mucosal immunity and barrier function by the intestinal microbiota | T. Strowig, Braunschweig |
| 17.10 | Lipid metabolism, microbiota and inflammation | J. Heeren, Hamburg |
| 17.35 | Oral poster presentation | N.N. |
| 17.45 | Oral poster presentation | N.N. |
| 17.55 | Oral poster presentation | N.N. |
| 18.05 | Oral poster presentation | N.N. |
| 18.15 | Scientific discussion with snacks | |



Friday, January 26, 2018

Session III

Metabolism and inflammation

Chair: N. Gagliani, Hamburg; M.F. Neurath, Erlangen

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|--------------|--|------------------------|
| 8.30 | Fatty liver disease: Role model of immunometabolic diseases? | F. Tacke,
Aachen |
| 8.55 | Influence of diurnal factors on the microbiome | E. Elinav,
Rehovot |
| 9.20 | State-of-the-Art Lecture:
How to maintain liver immune tolerance | P.A. Knolle,
Munich |
| 10.05 | Coffee break with poster session | |

Session IV

Liver inflammation

Chair: R. Thimme, Freiburg; C. Trautwein, Aachen

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|--------------|--|--------------------------------|
| 10.45 | Type I IFN in liver fibrosis; an indisputable harassing factor | Z. Abdullah,
Bonn |
| 11.10 | Adaptive immune cells and liver inflammation | M. Iannacone,
Milan |
| 11.35 | Consequences of liver inflammation | M. Heikenwälder,
Heidelberg |
| 12.00 | Therapeutic targets in the liver gut axis –
Evolving concepts | D.H. Adams,
Birmingham |
| 12.25 | Closing remarks | |
| 12.30 | Lunch with poster session | |
| 13.15 | Opening of the Annual Meeting of the GASL | |

Poster Session

Posters will be exhibited on January 25 – 26, 2018 at Radisson Blu Hotel (Germany). The authors will be in attendance during coffee and lunch breaks on both days.

Call for Posters

Please submit your poster abstract before **October 31, 2017**. Only one-page abstracts not exceeding 300 words, written in English and saved in Microsoft Word format will be accepted.

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

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 printed and distributed to the participants of the congress together with the documents of the meeting.

The authors will receive notification about acceptance and further instructions in **November 2017**.

Contact address for further information on the poster session:

Falk Foundation e.V.
Congress Department
Leinenweberstr. 5
79108 Freiburg (Germany)
Telephone: +49 (0)761/1514-125
Telefax: +49 (0)761/1514-359
Web address for submitting poster abstracts:
<http://www.falkfoundation.org/poster>

The first author of an accepted poster will receive refund of travel/hotel expenses for the Workshop up to EUR 300,- (original expense vouchers obligatory).

List of Speakers, Moderators and Scientific Organizers

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General Information

Prior to the opening of the Workshop in Hamburg

Falk Foundation e.V.
Congress Department
Leinenweberstr. 5
79108 Freiburg
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Telephone: +49 (0)761/1514-125
Telefax: +49 (0)761/1514-359
E-mail: symposia@falk-foundation-symposia.org

Congress Office

During the Workshop in Hamburg

Congress Office Telephone: +49 (0)175/7795327

Opening Hours:

Thursday, January 25, 2018	10.00 – 18.30 h
Friday, January 26, 2018	7.30 – 12.30 h

Radisson Blu Hotel
Marseiller Str. 2
20355 Hamburg

Congress Fees

Scientific program of the Workshop	EUR 100,-
For students (copy of student ID required)	EUR 50,-

OR

Day ticket	EUR 50,-
For students (copy of student ID required)	EUR 25,-

The congress fees include:

- Refreshments during coffee breaks
- Lunch on January 25 and 26, 2018
- Snacks during scientific discussion on January 25, 2018
- A copy of the abstract volume
- A copy of the final program

Registration

Workshop registrations must reach the Falk Foundation e.V. **by January 15, 2018 at the latest.**

After receipt of the registration form each participant will be provided with confirmation of his registration/invoice. On presentation of this confirmation at the Congress Office in Hamburg participants will receive the congress folder containing name badge and the abstract volume.

All participants will receive a written confirmation of attendance and CME credits at the meeting.

Admission to Scientific Program

For admission to scientific events your name badge should be clearly visible.



The **34th Annual Meeting of the German Association for the Study of the Liver** will take place immediately following the Workshop (January 26 and 27, 2018).

Directions to Workshop Venue

By Car:

From A7, A24 or A1 follow the signs "Innenstadt (City Center) / Centrum CCH (Congress Center Hamburg)". The hotel is located on Marseiller Straße.

Parking:

The Hotel provides an underground carpark (approx. 25,00 € per day)

Address for navigation systems: "DAG-Hammarskjöld-Platz, Hamburg"

By Train:

All IC- and ICE trains will stop at "Dammthor" Station, which is located only 50 meter from the hotel. Also the Subway Lines S11, S21 and S31 will stop at this station.

From Hamburg Airport:

The hotel is approx. 12km from the airport away. By taxi you will need approx. 20-30 min. or you can take the train within approx. 20 min. to "Dammthor" Station.

Directions to GASL Venue:

The main building of the University of Hamburg is just across the Radisson Blu Hotel and can be reached within 3 minutes by foot.



Scientific Dialogue in the Interest of Therapeutic Progress



HALF A CENTURY OF PROMOTING MEDICAL EXCHANGE

Conferences that advance medicine and research: 50 years ago, Herbert Falk, MD, PhD, organized a week-long event in Freiburg devoted to the liver – it was his first symposium and the start of an extraordinary success story.

Since then, 207 additional events have been held worldwide, featuring speakers who are pioneers in their fields. To date, more than 130,000 physicians and researchers from around the world have participated in our symposia, and the strong interest in our upcoming events shows that this concept remains appealing. We take great pride in this! Since the very beginning, all of our events – whether large or small – have been based on the principle of providing neutral continuing medical education

that benefits research, treatment, and ultimately the patient.

We would like to offer our deepest thanks to everyone who has participated, and we look forward to further advancing scientific dialogue as we continue to advocate for more knowledge sharing and therapeutic progress!

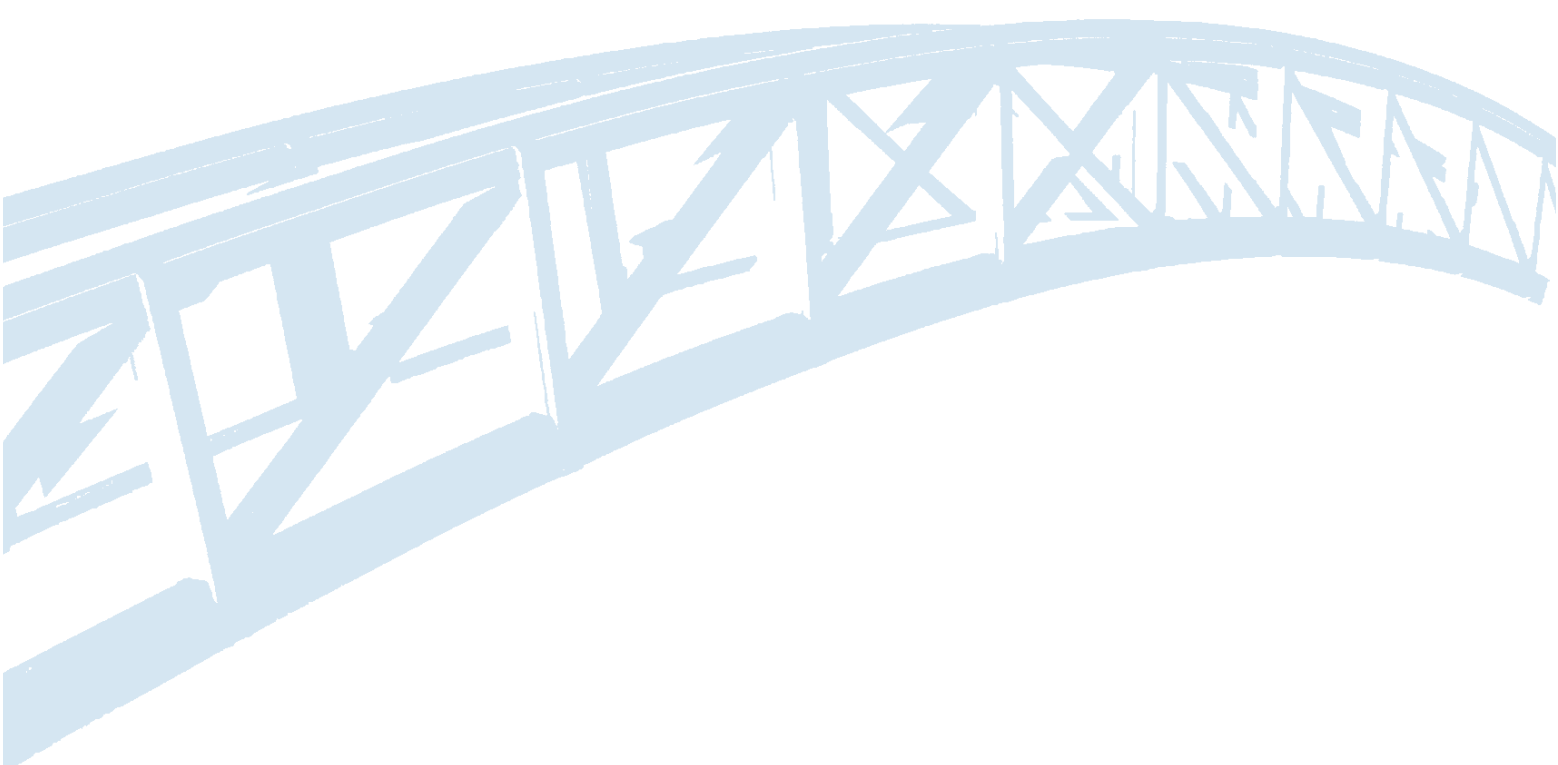
Allow us to welcome you to the Falk Foundation symposia – now and for many years to come!

FALK FOUNDATION e.V.



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79108 Freiburg
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www.falk-foundation-symposia.org



Organized by:

FALK FOUNDATION e.V.



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