Preliminary Program

Workshop

From Viral Hepatitis to Chronic Inflammation and Liver Cancer

February 21–22, 2019
Hörsaalzentrum Chemie
Heidelberg, Germany

Organized by:
FALK FOUNDATION e.V.
Leinenweberstr. 5
79108 Freiburg
Germany

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E-Mail: symposia@falk-foundation-symposia.org
www.falk-foundation-symposia.org

Please print or legibly stamp your name and professional address!

In case of cancellation a fee of EUR 20 will be deducted from the refundable amount.
CME credits for the Workshop have been applied for at the European Union of Medical Specialists (UEMS). The number of credits awarded will be printed in the final program.
Preface

Dear Colleagues,

On behalf of my co-organizers Mathias Heikenwälder and Peter Schirmacher it is my great pleasure to welcome you to the workshop „From Viral Hepatitis to Chronic Inflammation and Liver Cancer” that takes place in Heidelberg in association with the 35th Annual Meeting of the German Association for the Study of the Liver.

Viral hepatitis and ensuing liver diseases are major medical problems that have sparked global scientific interests aiming at better understanding of the pathogens and the pathogenesis they are inducing with the ultimate goal to control or even eradicate these infections. Without doubt, major progress has been made as witnessed e.g. by the prophylactic hepatitis B vaccine and the recently approved drugs eliminating hepatitis C virus infection in the vast majority of patients. Nevertheless, important scientific and medical challenges remain in all fields of viral hepatitis, some of which will be addressed during this workshop.

The program of this meeting is centered on three major aspects. First, all five conventional hepatitis viruses, in spite of their exquisite hepatotropism, have a distinct biology, each of which setting the stage to make ground-breaking discoveries in molecular and cell biology as well as immunology, while at the same time offering new opportunities for antiviral therapy. Second, three of the five hepatitis viruses frequently establish persistent infections, thus triggering a chronic inflammation that promotes liver damage. Therefore, understanding the pathogenesis of viral hepatitis is not possible without careful dissection of the (dysfunctional) immune response induced by these viruses. Third, infections with three of the hepatitis viruses are associated with liver cancer, most notably hepatocellular carcinoma. In fact, around 70% of all hepatocellular carcinoma cases are linked to infections with hepatitis C or hepatitis B virus, the latter occasionally in association with hepatitis D virus. Taking these considerations into account we have assembled a program that covers all three aspects that are bridged by a session focusing on important novel in vivo systems and technologies of high relevance for future studies of these topics.

Complementary to the oral presentations that are dedicated to these four topics, we will have an accompanying poster session on both days. The workshop will be followed by the annual meeting of the GASL 2019 to which you are also cordially invited.

We would like to thank all the speakers and participants of this workshop for taking time out of their busy schedules to share with us their most recent data and to contribute to a most stimulating meeting that will not only provide new insights into viral hepatitis and liver diseases, but hopefully offer new opportunities for future productive collaborations. We are also most thankful to the Falk Foundation for the generous support of this workshop.

We wish you all a most enjoyable meeting and very much look forward to welcome you in Heidelberg.

Ralf Bartenschlager
GASL President 2018/2019
Professor and Chairman
Department of Infectious Diseases,
Molecular Virology
University Clinic Heidelberg
Coordinator of the Collaborative Research Center (SFB) 179
From Viral Hepatitis to Chronic Inflammation and Liver Cancer

February 21–22, 2019
Hörsaalzentrum Chemie
Heidelberg, Germany

The 35th Annual Meeting of the German Association for the Study of the Liver will follow the Workshop:
February 22, 13.15 h to February 23, 14.30 h

Workshop Venue:
Hörsaalzentrum Chemie
Chemisches Institut
Im Neuenheimer Feld 252
69120 Heidelberg

The Workshop is organized by Falk Foundation e.V.

Scientific Organization:
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Scientific Co-Organization:
M. Heikenwälder, Heidelberg
P. Schirmacher, Heidelberg

Official Language:
English

Call for Posters:
A poster session will take place.
For details see page 8.

Publication Date of the Final Program:
February 2019

The final program will be available on the website www.falk-foundation-symposia.org one week before the start of the Workshop.
Thursday, February 21, 2019

12.00 Lunch with poster session

13.00 Welcome and opening remarks  R. Bartenschlager, Heidelberg

**Session I**
**What’s new in viral hepatitis?**

*Chair:* V.L. Dao Thi, Heidelberg; R. Thimme, Freiburg

13.10 Understanding HAV-host interaction by using a novel mouse model  S.M. Lemon, Chapel Hill

13.40 Immune control of chronic hepatitis B: Towards curative approaches  U. Protzer, Munich

14.10 Exploiting HDV entry for antiviral therapy  S. Urban, Heidelberg

14.40 Towards a prophylactic HCV vaccine  E. Barnes, Oxford

15.10 Hepatitis E virus  E. Steinmann, Bochum

15.40 Coffee break with poster session

**Session II**
**Chronic inflammation**

*Chair:* E. Barnes, Oxford; U. Protzer, Munich

16.10 Lymphotoxin β receptor signaling-dependent control of virus clearance in chronic HCV and HBV infection  M. Heikenwälder, Heidelberg

16.40 Infection, inflammation and liver disease  A. Bergthaler, Vienna

17.10 Dysfunctional T cell responses and their role in viral hepatitis  R. Thimme, Freiburg

17.40 Bile acids and their therapeutic application  V. Keitel, Düsseldorf

18.10 Networking with light refreshments
Friday, February 22, 2019

Session III
Liver cancer

Chair: M. Heikenwälder, Heidelberg; P. Schirmacher, Heidelberg

8.30 Viral liver cancer
T.F. Baumert, Strasbourg

8.55 Epigenetic regulation of tumor cell plasticity
D. Tschaharganeh, Heidelberg

9.20 Viro-/Immunotherapy
F. Kühnel, Hannover

9.45 Molecular diagnostics
T. Longerich, Heidelberg

10.10 Coffee break with poster session

Session IV
Bridging the gap

Chair: T.F. Baumert, Strasbourg; V. Lohmann, Heidelberg

10.40 Functional target discovery
L. Zender, Tübingen

11.05 Towards an immune competent HCV mouse model
T. Pietschmann, Hannover

11.30 In vivo imaging of immune cells
M. Gunzer, Essen

11.55 Linking the microbiota, chronic disease, and the immune system
D. Haller, Freising

12.25 Lunch with poster session

13.15 Opening of the annual meeting of the GASL
Poster Session

Posters will be exhibited on February 21–22, 2019. The authors will be in attendance during coffee and lunch breaks on both days. The setting up of the poster session starts on Thursday, February 21, 2019 at 10.00 h. The authors are asked to mount their poster on Thursday.

Call for Posters

Please submit your poster abstract before December 1, 2018. 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.org/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 January 2019.

Contact address for further information on the poster session:

Falk Foundation e.V.
Congress Department
Leinenweberstr. 5
79108 Freiburg
Germany
Telephone: +49-761-1514-125
Telefax: +49-761-1514-359

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). Time and place have to be related directly with the Workshop.
List of Speakers, Moderators and Scientific Organizers

Prof. Dr. Eleanor Barnes
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**General Information**

**Prior** to the opening of the Workshop in Heidelberg

Falk Foundation e.V.  
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Leinenweberstr. 5  
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Telephone: +49-761-1514-125  
Telefax: +49-761-1514-359  
E-mail: symposia@falk-foundation-symposia.org

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**Congress Office**

**During** the Workshop in Heidelberg

**Congress Office Telephone:** +49-175-7795-327

**Opening Hours:**
- Thursday, February 21, 2019 10.00 – 18.00 h
- Friday, February 22, 2019  8.00 – 12.30 h

Hörsaalzentrum Chemie  
Chemisches Institut  
Im Neuenheimer Feld 252  
69120 Heidelberg  
Germany

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**Congress Fees**

<table>
<thead>
<tr>
<th>Description</th>
<th>Fee</th>
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<tbody>
<tr>
<td>Scientific Program of Workshop</td>
<td>EUR 100</td>
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<td>Students (copy of student ID required)</td>
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***OR***

<table>
<thead>
<tr>
<th>Description</th>
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<tr>
<td>Day Ticket</td>
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<tr>
<td>Students (copy of student ID required)</td>
<td>EUR 25</td>
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</tbody>
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**The congress fees include:**
- Refreshments during coffee breaks
- Lunch on February 21 and 22, 2019
- Networking with light refreshments on February 21, 2019
- A copy of the abstract volume
- A copy of the final program
Registration

Congress registrations must reach the Foundation e.V. by December 31, 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 Heidelberg participants will receive the congress folder containing name badges, admission tickets and the abstract volume.

In the event of registration cancellations, a handling fee of EUR 20 will be deducted from the refund. All participants will receive a written confirmation of attendance at the end of the meeting.

With the registration to this congress, participants agree that their personal data, especially name, address, abstracts, email, phone, bank details etc. are collected, saved, processed and passed on to third parties like hotels, congress centers, travel agencies, service suppliers etc. Furthermore, participants agree that photos taken during the congress are processed for congress documentation and congress reports. Participants consent to the processing of personal data voluntarily. In accordance with Art. 13ff GDPR, participants may at any time request information on the data processed or request its deletion, correction or limitation. Furthermore, participants can make use of their right of objection at any time without stating reasons and amend or completely revoke the declaration of consent with effect for the future. Revocations can be sent to the following email address: datenschutz@falkfoundation.de.

Admission to Scientific Program

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

The workshop will be held at Heidelberg University Campus “Im Neuenheimer Feld”:

Chemisches Institut
Hörsaal Chemie (Chemistry Lecture Hall Building)
Im Neuenheimer Feld 252
69120 Heidelberg

The campus is located about 2 km from the city centre and can be reached easily by public transport.

By car
Coming from motorway A5, change to A 656 towards Heidelberg at the intersection Heidelberg. Coming from motorway A6, change to A656 at the intersection Mannheim.

Turn left towards “Chirurgie” at the end of the motorway. Having crossed river Neckar on Ernst-Waltz-Brücke (bridge) turn left to the institute buildings.

By train / Public transport:
Heidelberg central station can be reached via Deutsche Bahn: www.bahn.de

From central station, take tram line 21 (direction “Handschuhsheim, Hans-Thoma-Platz) or line 24 (direction “Handschuhsheim, Burgstraße) and get off at “Bunsengymnasium”.

From the old city centre take bus line 31 (direction Neuenheim, Chirurgische Klinik) departing at University Square and get off at “Technologiepark”.

Airport
From Frankfurt international airport train station the best way to get to Heidelberg would be to take the train to Heidelberg central station, which takes one hour.

A car ride would take approx. 50 min, depending on traffic.