



EXPERIMENTAL HEPATOLOGY DAYS

May 18-20, 2023

Symposium 233

ZURICH, SWITZERLAND



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An application has been made to the UEMS EACCME® for CME accreditation of this event. The number of credits awarded will be printed in the final program.

PREFACE



Dear colleagues,

We welcome you to the new format of the Falk Experimental Hepatology Days. In the tradition of the Basel Liver Days, it is our goal to bring together leading experts from all around the world, who are focused on different aspects of basic and translational hepatobiliary research. In recent years, we have made tremendous progress in the understanding of molecular, immunological and metabolic mechanisms of liver diseases and carcinogenesis with a high potential for translation into clinical practice. The Falk Experimental Hepatology Days comprise two interlinked parts. Part A will focus on hepatic injury, inflammation and immunology, while part B will be about regeneration, fibrosis and carcinogenesis. We expect lively and stimulating discussions in the panel discussion, but also the poster pitch sessions.

We are confident that the Falk Experimental Hepatology Days will provide a unique format to discuss and address relevant open questions in the field and bring together leading experts from all around the world. We specifically encourage young researchers and clinician scientists to participate in this new format and present their ongoing research projects. We are very much looking forward to seeing you in Zurich.

Andreas E. Kremer

Frank Tacke

Robert Thimme

EXPERIMENTAL HEPATOLOGY DAYS

May 18-20, 2023

Scientific Organization:

Andreas E. Kremer, Zurich
Frank Tacke, Berlin
Robert Thimme, Freiburg

Start of Registration:

Thursday, May 18, 2023
13:00-18:30 h
at the congress office

Congress Venue:

Zurich Convention Center
Claridenstraße 5
8002 Zurich
Switzerland

Poster Session Set-up:

Thursday, May 18, 2023
13:00 -14:00 h

Call for Posters:

A poster session will be held.
For details see page 13.

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

Accompanying persons are not
permitted during the conference at
any time.

**Publication Date of the Final
Program:**

May 2023

The final program will be
available on the website
www.falkfoundation.org one week
before the start of the symposium.

Thursday, May 18, 2023

14:00 Welcome and opening remarks
Andreas E. Kremer, Zurich; Robert Thimme, Freiburg

PART A: HEPATOCYTE INJURY, INFLAMMATION & IMMUNOLOGY

SESSION I

Hepatocyte Injury and Inflammation

Chairs: *Natalie Krahmer, Munich; Andreas E. Kremer, Zurich*

14:05 Keynote lecture I: Our current understanding of liver injury and repair
Klaus H. Kaestner, Philadelphia

14:35 Hepatic lipid droplet homeostasis and fatty liver disease
Natalie Krahmer, Munich

14:55 Two faces of necroptosis
Tom Lüdde, Dusseldorf

15:15 Mitochondrial dysfunction and liver injury
Kristina Schoonjans, Lausanne

15:35 Poster presentation

15:50 **Coffee break with poster session**

SESSION II

Poster pitches session

Chairs: *Kristina Schoonjans, Lausanne; Heiner Wedemeyer, Hannover*

16:20 6 poster pitches (each 5' pitch plus 2' discussion)

Thursday, May 18, 2023

SESSION III

Methods and challenges (ex vivo)

Chairs: *Frank Tacke, Berlin*

17:15 Introductory talk: Cellular model of liver disease
Ludovic Vallier, Berlin

17:30 Panel discussion
*Massimo Pinzani, London; Fotios Sampaziotis, Cambridge;
Ludovic Vallier, Berlin*

SESSION IV

Inflammation

Chairs: *Bertram Bengsch, Freiburg*

18:00 Keynote lecture II: Immune mediators of liver inflammation
Percy A. Knolle, Munich

18:30 **Welcome dinner**

Friday, May 19, 2023

SESSION V

Immunology/NASH

Chairs: *Magdalena Filipowicz Sinnreich, Basel; Robert Thimme, Freiburg*

09:00 Keynote lecture III: Immune control of hepatitis B virus infection
Antonio Bertoletti, Singapore

09:30 MAIT cells in the liver
Magdalena Filipowicz Sinnreich, Basel

09:50 HCV specific CD8+ T cell immunity
Maike Hofmann, Freiburg

10:10 Microbiome and fatty liver disease
Max Nieuwdorp, Amsterdam

10:30 Poster presentation

10:50 **Coffee break with poster session**

SESSION VI

A deep multidimensional look at the liver and liver disease

Chairs: *Maike Hofmann, Freiburg; Robert F. Schwabe, New York*

11:20 Unraveling liver disease biology and discovery of novel therapeutics using single cell RNASeq
Thomas F. Baumert, Strasbourg

11:40 Spatiotemporal insights (IMC, MALDI, tissue CyToF etc.)
Bertram Bengsch, Freiburg

12:00 Single cell techniques
Martin Guilliams, Ghent

12:20 Intravital liver imaging and dynamic techniques
Moritz Peiseler, Berlin

Friday, May 19, 2023

12:40 Panel discussion

13:00 **Lunch break with poster session**

PART B: REGENERATION, FIBROSIS & CARCINOGENESIS

SESSION I

Regeneration and fibrosis

Chairs: *Mathias Heikenwalder, Tubingen; Verena Keitel, Magdeburg*

14:00 Keynote lecture IV: Cellular cross-talk in regeneration and fibrosis
Robert F. Schwabe, New York

14:30 Poster presentation

14:50 Regenerative medicine in liver fibrosis?
Massimo Pinzani, London

15:10 Tissue engineering of the biliary tract and modelling of cholestatic disorders.
Fotios Sampaziotis, Cambridge

15:30 FGFs in liver regeneration
Sabine Werner, Zurich

15:50 **Coffee break with poster session**

SESSION II

Poster pitches session

Chairs: *Andreas E. Kremer,, Zurich; Sabine Werner, Zurich*

16:20 6 poster pitches (each 5' pitch plus 2' discussion)

Friday, May 19, 2023

SESSION III

Methods and challenges (in vivo)

Chairs: *Jordi Gracia-Sancho, Barcelona; Jessica Zucman-Rossi, Paris*

17:15 Overview talk: Animal models of liver disease
Jordi Gracia-Sancho, Barcelona

17:30 Panel discussion
*Jordi Gracia-Sancho, Barcelona; Mathias Heikenwalder, Tubingen;
Robert F. Schwabe, New York; Jessica Zucman-Rossi, Paris*

SESSION IV

Fibrosis

Chairs: *Tim F. Greten, Bethesda; Robert Thimme, Freiburg*

18:00 Keynote lecture V: Myth or reality: antifibrotic therapies in the clinics
Scott L. Friedman, New York

18:30 **Networking with light refreshments**

Saturday, May 20, 2023

SESSION V

Carcinogenesis

Chairs: *Tom Lüdde, Dusseldorf; Anna Saborowski, Hannover*

09:00 Keynote lecture VI: From molecular to clinical management of HCC
Jessica Zucman-Rossi, Paris

09:30 Models of HCC: from mice to men
Mathias Heikenwälder, Tübingen

09:50 Immunopathogenesis of HCC
Tim F. Greten, Bethesda

10:10 Epigenetics and HCC
Matías Ávila Zaragoza, Pamplona

10:30 Molecular carcinogenesis of CCC
Anna Saborowski, Hannover

10:50 **Coffee break with poster session**

SESSION VI

Gut liver cross-talk

Chairs: *Claudia Günther, Erlangen; Frank Tacke, Berlin*

11:20 Wildling model for liver disease
Stephan Rosshart, Erlangen

11:40 Interorgan cross-talk
Claudia Günther, Erlangen

12:00 Final discussion

12:20 Closing words
Frank Tacke, Berlin

LIST OF SPEAKERS, MODERATORS AND SCIENTIFIC ORGANIZERS

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POSTER SESSION

Posters will be exhibited on May 18-20, 2023. The authors will be in attendance during coffee and lunch breaks on both days. Posters can be set up starting on Thursday, May 18, 2023 at 13:00 h. We request that all posters be set up on Thursday.

CALL FOR POSTERS

Please submit your poster abstract before March 15, 2023.

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 available.

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

accepted abstracts will be printed and distributed to congress participants along with the other meeting information.

Poster authors will receive notification about acceptance and further instructions in March 2023.

For the first author of an accepted poster, accommodation expenses (May 18-20, 2023) and fees for the scientific program will be covered during Symposium 233. Travel expenses will not be covered.

POSTER AWARDS

Three prizes will be awarded for the best poster presentations. Winners will be asked to give a short presentation (2 - 5 minutes) of their poster during the award ceremony.

Award winners will be presented with a certificate and prize money of EUR 3000, EUR 2000 and EUR 1000.

Travel expenses will also be covered for the first authors of the three winning posters.

REGISTRATION

You can register for the event via our homepage:
www.falkfoundation.org

Registration is only possible online.



CONGRESS FEES

Scientific Program of Symposium 233	EUR 300
Students (copy of student ID required)	EUR 150

The congress fees include:

- Refreshments during coffee breaks
- Welcome dinner on Thursday, May 18, 2023
- Lunch on Friday, May 19, 2023 & Saturday, May 20, 2023
- Snacks during networking on Friday, May 19, 2023
- A copy of the final program

CONGRESS OFFICE AND REGISTRATION

Opening Hours:

Thursday, May 18, 2023	13:00 – 18:30
Friday, May 19, 2023	8:00 – 18:30
Saturday, May 20, 2023	8:00 – 12:45

ARRIVAL

Zurich Convention Center
Claridenstraße 5
8002 Zurich
Switzerland

By plane

From Zurich airport you can get to the Kongresshaus by train or taxi. The journey with the train to Zurich central station takes about 30 minutes. The taxi drive takes about 20 min.

By train

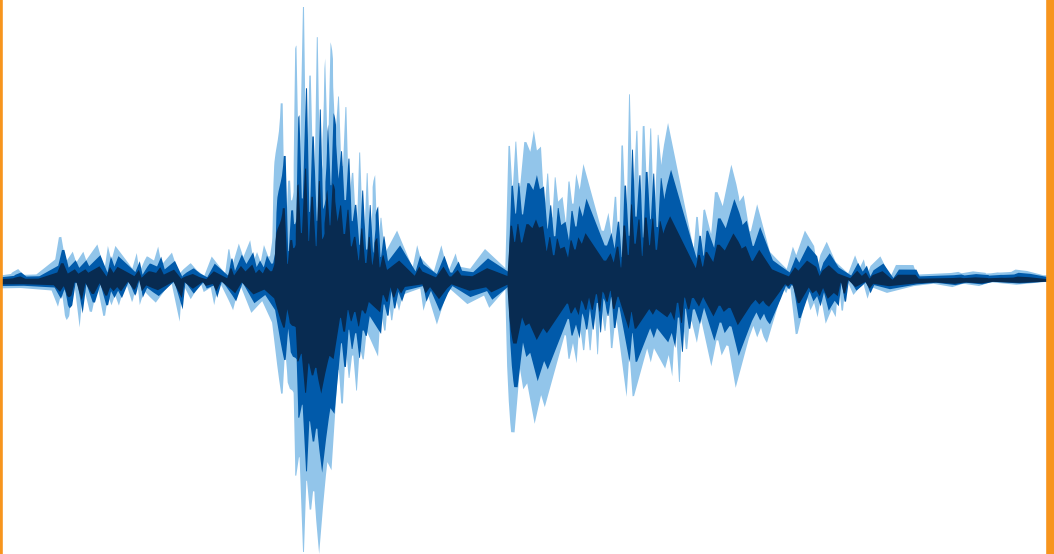
You can take Tram lines 6, 7 or 13 direktion “Bahnhof/Enge”. The stop for the Kongresshaus is “Stockerstraße”.

By car

In the vicinity of Kongresshaus Zurich you will find several car parks (Carpark Hyatt Zurich or Carpark Bleicherweg), but the ideal way to reach the city centre of Zurich is to use public transportation.



**Registration via www.falkfoundation.org
or simply scan and register:**



Together we know more. Together we do more.

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