



EXPERIMENTAL HEPATOLOGY DAYS

April 24-26, 2025

Symposium 240
LYON, FRANCE



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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 cordially invite you to attend the second symposium of the Falk Foundation Experimental Hepatology Days in Lyon. After the big success of our first Symposium 2023 in Zürich, we are very pleased to bring together again leading scientists and clinician-scientists from around the world who are united in one major aspect: Their interest in innovative aspects of basic and translational hepatology. The structure of the symposium will remain the same: Part A will focus on hepatic injury, inflammation and immunology, while Part B will be about regeneration, fibrosis and carcinogenesis. Both parts will include keynote lectures, panel discussions, poster pitches sessions and talks ranging from novel methodologies and basic mechanisms to clinical applications, thus providing plenty of opportunities for lively and stimulating discussions.

We are confident that building on the tradition of the Falk Foundation Basel Liver days and the success of the first Falk Foundation Experimental Hepatology Days, our symposium will provide the perfect format to discuss and address the emerging open questions in the dynamic area of experimental hepatology. We therefore specifically encourage young scientists and clinician-scientists to participate and present their research projects!

See you in April 2025 in Lyon!

Matías Ávila Frank Tacke Robert Thimme Fabien Zoulim
Jessica Zucman-Rossi

EXPERIMENTAL HEPATOLOGY DAYS

April 24-26, 2025

Scientific Organization:

Matías Ávila, Pamplona

Frank Tacke, Berlin

Robert Thimme, Freiburg

Fabien Zoulim, Lyon

Jessica Zucman-Rossi, Paris

Congress Venue:

Marriott Lyon Cité International

70 Quai Charles de Gaulles

69006 Lyon

France

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

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

Start of Registration:

Thursday, April 24, 2025

13:00-18:30 h

at the congress office

Call for Posters:

A poster session will be held.

For details see page 15.

Publication Date of the Final Program:

April 2025

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

Thursday, April 24, 2025

14:00 Welcome and opening remarks
Fabien Zoulim, Lyon

PART A: HEPATOCYTE INJURY, INFLAMMATION & IMMUNOLOGY

SESSION I

Hepatocyte injury, metabolism and inflammation

Chairs: *José C. Fernández-Checa, Barcelona; Sophie Lotersztajn, Paris*

14:05 Keynote lecture I: Metabolism and disease progression in the liver
Eyal Gottlieb, Houston

14:35 Impact of intestinal neoglucogenesis on liver metabolism and steatosis
Gilles Mithieux, Lyon

14:55 Liver resident T cells
Mala Maini, London

15:15 Role of autophagy in liver inflammation/chronic disease progression
Sophie Lotersztajn, Paris

15:35 Oral poster presentation

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

SESSION II

Poster pitches session

Chairs: *Verena Keitel-Anselmino, Magdeburg; Mala Maini, London*

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

Thursday, April 24, 2025

SESSION III

Translation from discovery to the clinics

Chairs: *Barbara Testoni, Lyon; Robert Thimme, Freiburg*

17:15 Cell therapies / CAR T cell therapies
Ulrike Protzer, München

17:30 Therapeutic vaccines
Eleanor Barnes, Oxford

17:45 iRNA-based therapeutics for metabolic liver diseases
Eliane Sardh, Stockholm

18:00 From a clinical observation to a start-up
Rajiv Jalan, London

18:15 Panel discussion

18:45 **Welcome Evening**

Friday, April 25, 2025

SESSION IV

Immunology

Chairs: *Eleanor Barnes, Oxford; Mirjam Zeisel, Lyon*

09:00 Keynote lecture II: Immunobiology of HBV infection
Matteo Iannacone, Milan

09:30 Metabolic programming of innate-like MAIT cells in MASLD
Katrin Böttcher, Munich

09:50 T cells and viral hepatitis: Lessons from HCV
Georg M. Lauer, Boston

10:10 T cell immunity in HEV infection
Tobias Böttler, Freiburg

10:30 Oral poster presentation

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

SESSION V

Multidimensional analysis of the liver

Chairs: *Matteo Iannacone, Milan; Massimo Levrero, Lyon*

11:20 Novel personalized strategies in times of big data
Carolin Schneider, Aachen

11:40 Multiparametric analysis of the liver disease
Valérie Paradis, Clichy

12:00 Human precision-cut liver slices as a platform to study liver diseases
Elena Palma, London

12:20 Strategies for using AI in diagnosis and prognosis of liver disease
Julien Calderaro, Créteil

Friday, April 25, 2025

12:40 Panel discussion

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

PART B: REGENERATION, FIBROSIS AND CARCINOGENESIS

SESSION I

Regeneration and fibrosis

Chairs: *Jordi Gracia-Sancho, Barcelona; Frank Tacke, Berlin*

14:00 Keynote lecture III: Gut-liver axis as a modulator for regeneration and fibrosis
Bernd Schnabl, Ja Jolla

14:30 Oral poster presentation

14:50 Molecular mechanisms of liver fibrosis: Lessons learned from single cell studies
Neil Henderson, Edinburgh

15:10 Role of polyploidy in transition from NASH to HCC
Chantal Desdouets, Paris

15:30 Morphogens, metabolism and metabolic dysfunction-associated liver disease
Anna Mae Diehl, Durham

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

Friday, April 25, 2025

SESSION II

Poster pitches session

Chairs: *Andreas Kremer, Zurich; Jennifer Rieusset, Lyon*

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

SESSION III

Liver cell plasticity

Chairs: *Annalisa Berzigotti, Bern; Neil Henderson, Edinburgh*

17:15 Cell plasticity in acute-on-chronic liver failure
Schalk Van Der Merwe, Leuven

17:35 Liver organoids for the study of liver disease and plasticity
Ludovic Vallier, Berlin

17:55 Liver zonation
Shalev Itzkovitz, Rehovot

18:15 Dynamic cell heterogeneity in homeostasis and chronic liver disease
Jan Tchorz, Basel

18:35 Presentation of poster awards

19:00 **Networking with light refreshments**

Saturday, April 26, 2025

SESSION IV

Carcinogenesis

Chairs: *Matías Ávila, Pamplona; Jessica Zucman-Rossi, Paris*

09:00 Keynote lecture IV: Immunology and immunotherapy of cholangiocarcinoma
Tim F. Greten, Bethesda

09:30 Role of liver microenvironment in HCC
Daniela Sia, New York

09:50 Cholangiocarcinoma-on-a-chip
Ana Lleo, Rozzano

10:10 Role of immune responses in the development of MASLD-associated liver cancer
Matthias Heikenwälder, Heidelberg

10:30 Metabolic reprogramming in liver cancer
Renaud Dentin, Paris

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

Saturday, April 26, 2025

SESSION V

Opportunities and risks of emerging therapies

Chairs: *Patrizia Burra, Padova; Heiner Wedemeyer, Hannover*

11:20 AAV vectorisation for gene therapy
Federico Mingozzi, Philadelphia

11:40 Gene therapy in liver disease: new approaches
Pasquale Piccolo, Pozzuoli

12:00 mRNA based therapy for liver metabolic diseases
Sonam Gurung, London

12:20 New targets for HCC: from genomics to the clinics
Jean-Charles Nault, Bobigny

12:40 Closing words
Jessica Zucman-Rossi, Paris

LIST OF SPEAKERS, MODERATORS AND SCIENTIFIC ORGANIZERS

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POSTER SESSION

ePosters will be exhibited on our ePoster screens on April 24-26, 2025. The authors will be in attendance during coffee and lunch breaks on both days.

CALL FOR POSTERS

Please submit your poster abstract before January 15, 2025.

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 published in the final program of the meeting.

Poster authors will receive notification about acceptance and further instructions in January, 2025.

For the first author of an accepted poster, accommodation expenses (April, 24-26, 2025) and fees for the scientific program will be covered during Symposium 240. 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.



You will receive an automatic confirmation of registration by e-mail.
Please transfer the congress fee to the bank account listed in the e-mail
within two weeks.

CONGRESS FEES

Scientific Program of Symposium 240	EUR 300
Students (copy of student ID required)	EUR 150

The congress fees include:

- Refreshments during coffee breaks
- Welcome dinner on Thursday, April 24, 2025
- Lunch on Friday, April 24, 2025 & Saturday, April 25, 2025
- Snacks during networking on Friday, April 25, 2025
- A copy of the final program

CONGRESS OFFICE AND REGISTRATION

Opening Hours:

Thursday, April 24, 2025	13:00 - 19:00
Friday, April 25, 2025	08:00 - 19:00
Saturday, April 26, 2025	08:00 - 12:45

The Falk Foundation will take pictures during the meeting. Additionally, parts of the meeting might be recorded. By participating all attendees consent and agree with the recording and the photo shoots.

ARRIVAL

Marriott Lyon Cite International
70 Quai Charles de Gaulles
69006 Lyon
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By plane

From Lyon Airport (LYS) you can get by taxi to Marriott Lyon Cité International, it takes about 30 minutes.

By train

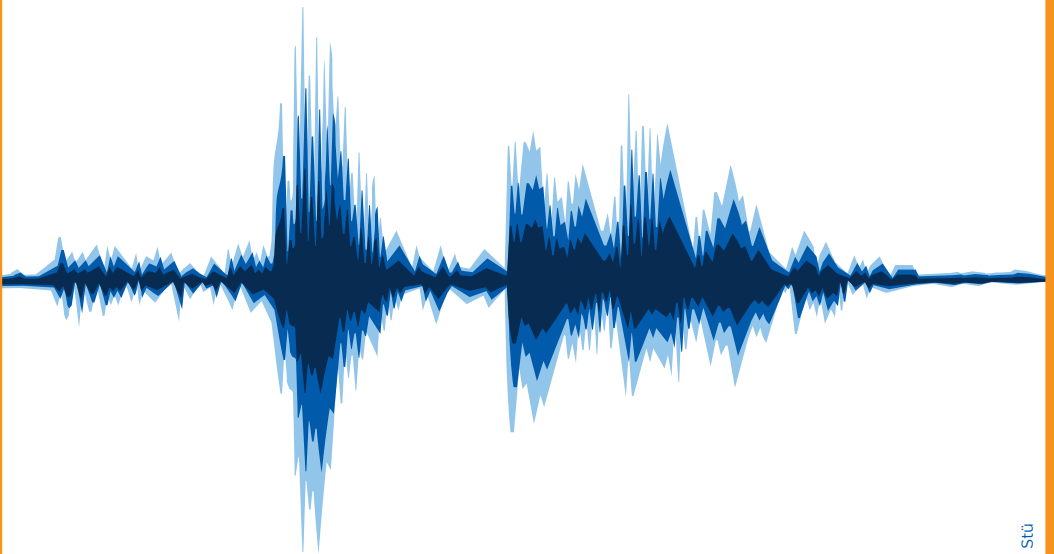
From the train station Lyon Part Dieu you can take the bus C1, direction Cuire. Stop at “Musée d’Art contemporain”, the Hotel is located in front of the bus stop.

By car

After arrival in Lyon follow the signs to “Cité internationale (Tête d’Or). Arriving at Cité International, you find new red buildings on your right side, where the Marriott Hotel is located.



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



Together we know more. Together we do more.

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