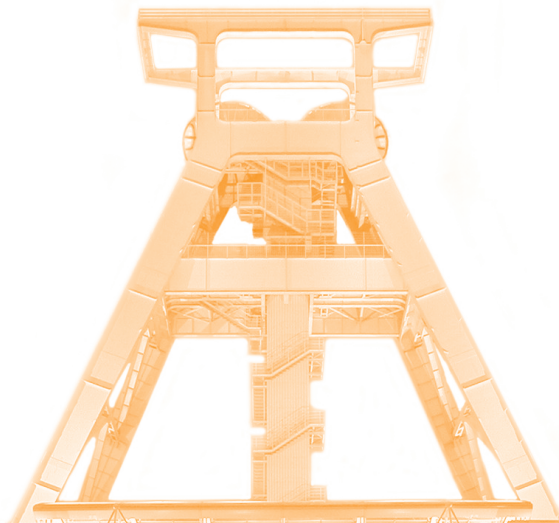




TIME FOR THE LIVER – CHRONOBIOLOGY, AGING, AND CURRENT MATTERS IN HEPATOLOGY

January 26-27, 2023

Symposium
BOCHUM, GERMANY



DEUTSCHES BERGBAU-MUSEUM



Preface	2
Scientific Program	4
List of Speakers, Moderators and Scientific Organizers	8
Posters	10
Information	11



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 and friends,

Hereby I would like to invite you cordially to the Symposium „**Time for the liver – chronobiology, aging, and current matters in hepatology**“, organized by the Falk Foundation e.V. that will take place from January 26th until January 27th, 2023 in Bochum, Germany.

This Symposium was planned as a hybrid event, that will allow personal meeting and feature talks and posters on site. All talks and posters will also be available online, in case local restrictions regarding the COVID-19 pandemic may preclude your participation on short notice. Please be aware, that if the global pandemic situation would prohibit a meeting on site, we will postpone the symposium to a later time point!

This year we would like to discuss current and novel questions in the field of hepatology that did not receive much scientific attention up to now. These under-explored topics include effects of aging on the liver and liver disease, chronobiology of the liver, specifics of hepatocellular carcinoma in non-alcoholic fatty liver disease, and the influence of the gut microbiome on the liver and liver disease. We hope you share our interest in these special fields of hepatologic research and the host of unanswered questions within their scope.

Complementary to the oral presentations, there will be accompanying poster sessions on both days. As is tradition the symposium precedes the 39th Annual Meeting of the German Association for the Study of the Liver (GASL) to which I also invite you with great pleasure.

I would like to thank all the speakers and participants of this symposium for providing their findings, views, and opinions and for joining us in Bochum. I hope we can create an inspiring symposium on open questions of hepatology and stimulate many new projects and collaborations. I am particularly thankful to the Falk Foundation for the generous support and the professional organization of this event. I wish you a most enjoyable and insightful meeting and very much look forward to welcoming you to our event at the Ruhr University Bochum.

Best wishes and hoping to see you soon in Bochum,

Ali Canbay
GASL President 2022/2023

TIME FOR THE LIVER - CHRONOBIOLOGY, AGING, AND CURRENT MATTERS IN HEPATOLOGY

January 26-27, 2023

Scientific Organization:

Prof. Dr. Ali Canbay
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Scientific Co-Organization:

Jan-Peter Sowa, Bochum

Congress Venue:

Veranstaltungszentrum der
RUB Bochum
Universitätsstraße 150
44801 Bochum
Germany

For admission to scientific events your name badge should be clearly visible. Accompanying persons are not permitted during the conference at any time.

Call for Posters:

A poster session will be held.
For details see page 10.

Start of Registration:

Thursday, January 26, 2023
14:00 - 18:00 h
at the congress office

Poster Session Set-up:

Thursday, January 26, 2023
14:00 - 15:00 h

Publication Date of the Final Program:

January 2023

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

Thursday, January 26, 2023

15:00 Welcome and opening remarks
Ali Canbay, Bochum

SESSION I

Aging of the liver

Chairs: *N.N.; Andrea Tannapfel, Bochum*

15:05 General and morphological changes of the liver during aging
N.N.

15:20 Cellular and Epigenetic effects of liver aging
N.N.

15:35 Metabolic changes in the liver during aging
Manlio Vinciguerra, Brno

15:50 Effect of age on liver transplantation
Aristotelis Perrakis, Magdeburg

16:05 Summary & End of the Session

16:20 **Coffee break with poster session**

Thursday, January 26, 2023

SESSION II

Chronobiology of the liver

Chairs: *Shadab A. Rahman, Boston; Wolfgang Schmidt, Bochum*

16:45 Introduction to Chronobiology
Mustafa Özçürümez, Bochum

17:00 Liver specific, zonal rhythms
N.N.

17:15 Interplay of metabolism and circadian rhythms
N.N.

17:30 Synchronization and desynchronization of liver rhythms
Shadab A. Rahman, Boston

17:45 Summary & End of the Session

17:50 Closing remarks
Ali Canbay, Bochum

18:00 **Networking and light refreshments**

Friday, January 27, 2023

9:25 Coffee with poster session

9:45 Welcome
Ali Canbay, Bochum

SESSION III

HCC in NAFLD

Chairs: *Ramazan Idilman, Ankara; Michael Trauner, Vienna*

9:50 Epidemiologic trends and risk factors for NAFLD-associated HCC
Hashem B. El-Serag, Houston

10:05 Clinical course and outcomes of NAFLD-associated HCC
Andreas Geier, Würzburg

10:20 Screening and diagnosing of HCC in NAFLD - challenges and developments
Rohit Loomba, La Jolla

10:35 Specific management of NAFLD-associated HCC
Helen Reeves, Newcastle upon Tyne

10:50 Summary & End of the Session

10:55 **Coffee break with poster session**

Friday, January 27, 2023

SESSION IV

Gut microbiome and liver

Chairs: *Hikmet Akkiz, Balcali; Stefan Schreiber, Kiel*

- 11:15** Introduction to gut microbiome-liver-interaction
Stefan Schreiber, Kiel
-
- 11:30** Gut-liver axis in obesity, NAFLD, and metabolic syndrome
Stan van de Graaf, Amsterdam
-
- 11:45** Interplay of microbiota in treatment of metabolic diseases
Frank Tacke, Berlin
-
- 12:00** Microbiome transplantation as treatment for metabolic diseases
Vanessa Stadlbauer-Köllner, Graz
-
- 12:15** Summary & End of the Session
-
- 12:20** **Lunch with poster session**
-
- 13:15** Opening of the annual meeting of the GASL

LIST OF SPEAKERS, MODERATORS AND SCIENTIFIC ORGANIZERS

Prof. Hikmet Akkiz

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POSTER SESSION

Posters will be exhibited on January 26-27, 2023. The authors will be in attendance during coffee and lunch breaks on both days. Posters can be set up starting on Thursday, January 26, 2023 at 14:00 h. We request that all posters be set up on Thursday.

CALL FOR POSTERS

Please submit your poster abstract before December 1, 2022.

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 December 2022.

For the first author of an accepted poster, travel expenses (up to EUR 300) and fees for the scientific program will be covered during the symposium .

REGISTRATION

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

Registration is only possible online.



The event will take place hybrid. When registering, please ensure that you register either for the event on site (Bochum) or for the event online.

CONGRESS FEES

Scientific Program of Symposium	EUR 150
Students (copy of student ID required)	EUR 75

The congress fees include:

- Refreshments during coffee breaks
- Lunch on Friday, January, 27, 2023
- Snacks during scientific discussion on Thursday, January 26, 2023
- A copy of the final program

CONGRESS OFFICE AND REGISTRATION

Opening Hours:

Thursday, January 26, 2023	14:00 - 18:00 h
Friday, January 27, 2023	9:00 - 12:30 h

ARRIVAL

Veranstaltungszentrum der RUB Bochum
Universitätsstraße 150
44801 Bochum
Germany

By car

Motorists can reach the Ruhr-Universität easily via Germany's – and especially North Rhine-Westphalia's – dense motorway network. The fastest route is that via the motorway junction Bochum/Witten, where the motorways A43 and A44 meet. Simply take the exit for Bochum-Querenburg, follow the signs for "Ruhr-Universität" and, once there, look for the (electronic) information boards.

Parking: P9

By plane

The travelling distance between the airports in Dortmund, Münster/Osnabrück, Cologne/Bonn and Düsseldorf and the Ruhr-Universität is two hours at the most. Düsseldorf airport is the most easily accessible one, with up to eight direct trains per hour running between the airport and Bochum's main train station; the journey takes about half an hour.

By tram

At Bochum's main train station, ICE, IC, EC, regional trains and city trains arrive and depart in quick succession. You can reach the Ruhr-University, which has its own station, easily by catching the underground (U-Bahn) train U35 (CampusLinie). On workdays, the U35 (going to Bochum Hustadt) departs in five-minute intervals, and it takes less than 10 minutes to go from the main train station to the university station.

the 1990s, the number of people in the world who are living in poverty has increased from 1.2 billion to 1.6 billion (World Bank 2000).

There are a number of reasons for this increase in poverty. One of the main reasons is the rapid population growth in the developing world. The number of people in the world is expected to reach 8 billion by the year 2025 (United Nations 2000). This rapid population growth is putting a strain on the world's resources and is leading to a decline in the standard of living in many developing countries.

Another reason for the increase in poverty is the rapid technological change in the developed world. The rapid technological change is leading to a decline in the demand for low-skilled labour in the developed world. This is leading to a decline in the standard of living for many people in the developed world.

There are a number of ways in which we can address the problem of poverty. One way is to invest in education and training for the poor. This will help them to acquire the skills and knowledge that they need to find better-paying jobs. Another way is to invest in infrastructure, such as roads and bridges. This will help to reduce the cost of doing business and attract investment to the poor.

There are a number of other ways in which we can address the problem of poverty. One way is to provide social safety nets for the poor. This will help to protect them from the worst effects of economic downturns. Another way is to provide micro-finance services to the poor. This will help them to start and grow their own businesses.

There are a number of challenges that we face in addressing the problem of poverty. One challenge is the lack of political will in many developing countries. Another challenge is the lack of resources to invest in education and training. A third challenge is the rapid technological change in the developed world.

Despite these challenges, there are a number of things that we can do to address the problem of poverty. We can invest in education and training for the poor. We can invest in infrastructure. We can provide social safety nets for the poor. We can provide micro-finance services to the poor.

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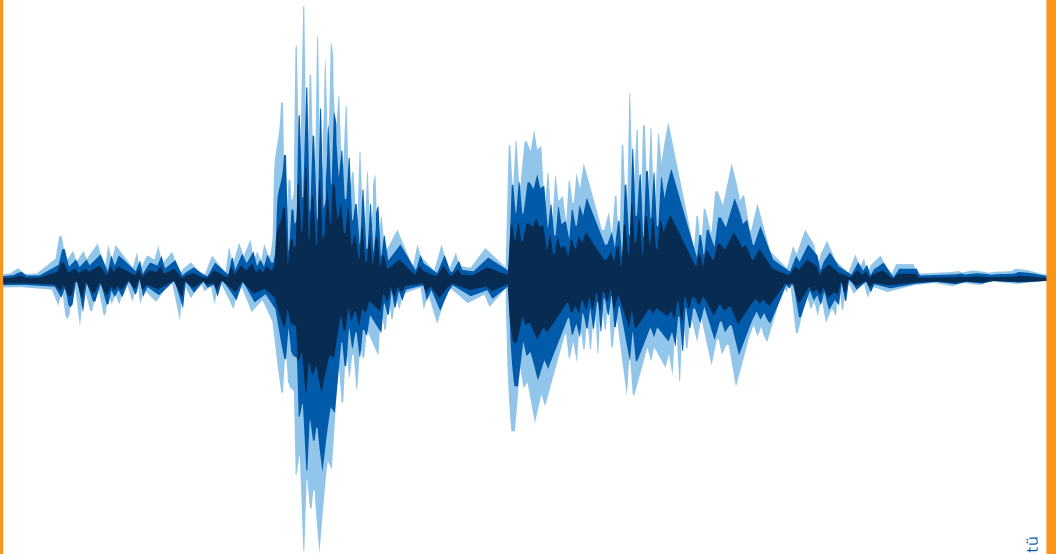
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**Registration via www.falkfoundation.org
or simply scan and participate.**



Together we know more. Together we do more.

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