

SAVE THE DATE



ISHEN 20.23

GERMANY | Bad Zwischenahn

_____ 27-29 September 2023

SYMPOSIUM



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LEARN ABOUT

- ◆ the possible role of the blood brain barrier and the glymphatic system in the development of HE
- ◆ extracellular vesicles and their role in development, diagnosis and therapy of HE
- ◆ differences and similarities of HE in children and adults
- ◆ risk factors for the development of HE
- ◆ new therapeutic approaches

DISCUSS

- ◆ the role of infection, inflammation and ammonia in the development of HE
- ◆ the various experimental models of HE
- ◆ the difficulties in differentiating HE from encephalopathy due to accompanying disorders
- ◆ current methods for diagnosing mHE
- ◆ HE as indication or contraindication for liver transplantation
- ◆ HE as contraindication and side effect of TIPSS
- ◆ the effect of underlying liver diseases upon the development and presentation of HE with special consideration of NASH/NAFLD, alcoholism, autoimmune liver diseases, hepatitis or Wilson's disease, for example

PRESENT

- ◆ your recent work upon HE and alterations of nitrogen metabolism

LOCAL ORGANIZATION COMMITTEE

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Hannover Medical School

Hannover Medical School,
Carl-Neuberg-Straße 1,
30625 Hannover, Germany

WEDNESDAY SEPTEMBER 27TH 2023

09:30 a.m. **Welcome Address**

09:40 – 12:00

SESSION I

BLOOD BRAIN BARRIER, GLYMPHATIC SYSTEM – AND HE

09:40 – 10:05

Blood Brain Barrier – Architecture and Function

Stefan Liebner (D, Frankfurt)

10:05 – 10:25

Blood Brain Barrier in HE

Nicolas Weiss (F, Paris)

10:25 – 10:50

The Glymphatic System

Iben Lundgaard (SE, Lund)

10:50 – 11:10

The Glymphatic System and HE

Anna Hadjihambi (GB, London)

11:10 – 12:00

Short Presentations

12:00 – 13:30

Lunch

13:30 – 15:32

SESSION II

INFECTION, INFLAMMATION AND HE

13:30 – 13:55

Pathophysiological View

Vicente Felipo (E, Valencia)

13:55 – 14:20

Clinical view

Debbie Shawcross (GB, London)

14:20 – 15:30

Short Presentations

15:30 – 15:50

Coffee Break

15:50 – 17:40

SESSION III

AMMONIA – STILL OF RELEVANCE?

15:50 – 16:10

Influencing Factors of Ammonia Metabolism in Patients with Liver Disease

M. Romero-Gomez (E, Sevilla)

16:10 – 16:30

Ammonia Toxicity Beyond the Brain

Chris Rose (CDN, Montreal)

WEDNESDAY SEPTEMBER 27TH 2023

- 16:30 – 16:50 **Pros and Cons of Ammonia Measurement
in Clinical Practice?**
Rajiv Jalan (GB, London)
- 16:50 – 18:00 **Short Presentations**
- 18:00 – 20:00 **Poster Session**

THURSDAY SEPTEMBER 28TH 2023**08:30 – 11:00****SESSION IV****APPROACHES TO UNDERSTAND THE PATHOPHYSIOLOGY OF HE**

- 08:30 – 08:50 **Energy Metabolism in HE: Impairment or Failure?**
Michael Sorensen (DK, Aarhus)
- 08:50 – 9:15 **Extracellular Vesicles – their Role for
Normal Brain Function**
Eva-Maria Krämer-Albers (D, Mainz)
- 09:15 – 09:35 **Extracellular Vesicles – Possible Biomarkers and
Mediators of HE or Even Targets or Means for
New Therapies of HE?**
Carmina Montoliu (E, Valencia)
- 09:35 – 10:00 **Possible Role of Cerebral Organoids for HE Research**
Sophie Scholz (D, Berlin)
- 10:00 – 10:20 **Experimental Models of HE – a Critical Review**
Sharon DeMorrow (US, Austin, Texas)
- 10:20 – 11:00 **Short Presentations**
- 11:00 – 11:20 **Coffee Break**

THURSDAY SEPTEMBER 28TH 2023

11:20 – 12:30

SESSION V DIAGNOSIS OF HE

11:20 – 11:45

Critical Evaluation of the Currently Used Methods for Diagnosing HE

C. Labenz (D, Mainz)

11:45 – 12:30

Short Presentations

12:30 – 13:30

Lunch

15:15 – 17:30

SESSION VI PROPHYLAXIS AND THERAPY OF HE

15:15 – 15:40

Risk Factors for the Development of HE

Manuela Merli (I, Rome)

15:40 – 16:00

Prophylaxis of HE: Current Standards and Developments

Aldo Torre (MEX, Mexico)

16:00 – 16:20

Therapy of HE: Current Standards and Developments

Radha Dhiman (IND, Lucknow)

16:20 – 16:40

Patterns of Care and their Effect upon the Prognosis of Patients with HE

Elliot Tapper (US, Michigan, Ann Arbor)

16:40 – 17:45

Short Presentations

17:45 – 18:45

Andy Blei Lecture

Peter Ott & Hendrik Vilstrup (DK, Aarhus)

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08:30 – 10:05

SESSION VII HE IN CHILDREN VERSUS ADULTS

08:30 – 08:55

Urea Cycle Defects: Genetically Encoded Hepatic Metabolic Disorders with a Potential for Encephalopathy

A. M. Das (D, Hannover)

08:55 – 10:05

Round table: Similarities and Differences of HE Between Children and Adults

Moderation: Heiner Wedemeyer (D, Hannover) and Valerie McLin (CH, Geneva)

Discussants: William Bernal (GB, London), Sara Montagnese (I, Padova), Akash Deep (GB, London), Anshu Srivastava (IND, Lucknow)

10:05 – 12:30 UHR

SESSION VIII ETIOLOGIES OF LIVER DISEASE AND RISK OF ENCEPHALOPATHY

Encephalopathy in Patients and Experimental Animals with NASH/NAFLD

10:05 – 10:25

Experimental Data: Anna Hadjihambi (GB, London)

10:25 – 10:45

Clinical Data: Karen Thomsen (DK, Aarhus)

10:45 – 11:05

Encephalopathy in Portal Hypertension without Liver Cirrhosis

Shiv Kumar Sarin (IND, New Delhi)

11:05 – 11:30

Coffee Break

11:30 – 12:30

Short Presentations

12:30 – 14:00

Lunch

14:00 – 15:30

SESSION IX HE AND LIVER TRANSPLANTATION

14:00 – 14:20

HE as Indication or Contraindication for Liver Transplantation

J. Bajaj (US, Richmond)

FRIDAY SEPTEMBER 29TH 2023

- 14:20 – 14:40 **Reversibility of Structural and Functional Alterations of HE**
Henning Pflugrad (D, Hannover)
- 14:40 – 15:30 **Short Presentations**
- 15:30 – 15:50 **Coffee Break**

15:50 - 17:00 **SESSION X** **HE AND TIPSS**

- 15:50 – 16:10 **HE and TIPSS: Indications and Contraindications**
Dominique Thabut (F, Paris)
- Reversal of Systemic Inflammation after TIPSS insertion**
B. Maasoumy (D, Hannover)
- 16:10 – 17:00 **Short Presentations**
- 17:00 – 17:30 **Coffee Break**
- 17:30 **General Assembly of ISHEN Members**

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GENERAL INFORMATION

CONGRESS VENUE

Wandelhalle, Auf dem Hohen Ufer 24,
26160 Bad Zwischenahn

CONGRESS ORGANIZATION

This meeting is organized by
B4C Solutions, Breslauer Straße 40,
D-82194 Gröbenzell

If you have any queries or issues
relating to your attendance at the
conference, please contact
Ms. Diana Heidenberger,
heidenberger@b4c-solutions.de

Following the event, all queries should
be directed to the ISHEN Administration
office.

OFFICIAL LANGUAGE

The official language of the conference
is English.

ABSTRACTS

Abstracts can be submitted from
1. – 31. May 2023. Please use the
submission link on **www.ishen.org**

ABSTRACT BURSARIES

Presenting authors of the best accepted
abstracts who are aged 35 years or less
(as of September 27, 2023) and/or are
still in training are eligible for a travel
bursary. Applications can be made
during the abstract submission process.

REGISTRATION

Registration fee is € 125,00 per day.

Registration for personal attendance via
www.ishen.org

ACCOMODATION

Block hotel bookings have been made.

For vacancies please inquire at the
following hotels:

HansenS Haus am Meer,
Auf dem Hohen Ufer 25, 26160 Bad
Zwischenahn, Tel. (0049) 4403 9400

Seehotel Fährhaus,
Auf dem Hohen Ufer 8, 26160 Bad
Zwischenahn, Tel. (0049) 4403 6000

Hotel Kämper,
Georgstraße 12, 26160 Bad Zwischen-
ahn, Tel. (0049) 4403 9260

TOURIST INFORMATION

Leaflets detailing local attractions can
be found at the Hotel reception desk. If
you require information on local
restaurants please ask at the Hotel
reception desk.

Tourist Information Bad Zwischenahn:

Touristik-Service am Meer, Auf dem
Hohen Ufer 24, 26160 Bad Zwischen-
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