

Educational Program

SATURDAY, OCTOBER 4TH

17:00-22:00	Social meeting/Dinner Location: EtOH Brasserie
--------------------	--

SUNDAY, OCTOBER 5TH

At CRCHUM

9:00-11:00	Abstract blast Room: Amphitheatre
-------------------	---

11:00-11:30	Tour of CRCHUM
--------------------	-----------------------

11:30-12:30	Lunch Room: Agora
--------------------	-----------------------------

12:30-14:30	Education Program Room: R02.130 Basic science and HE Educator: Christopher Rose, Canada Clinical management of HE Educator: Dominique Thabut, France
--------------------	--

15:00	Bus to Le Baluchon
--------------	---------------------------

Scientific Program

SUNDAY, OCTOBER 5TH

At Le Baluchon

16:00-18:00 **Welcome reception**
Room: Éco-Café

18:00-22:00 **Dinner**
Room: Être aux Oiseaux

Andy Blei Lecture
Chair: Christopher Rose, Canada
Speaker: Karin Weissenborn, Germany

MONDAY, OCTOBER 6TH

7:00-8:00 **Breakfast**
Room: Éco-Café

8:00-8:15 **Land Acknowledgement**
Room: Être aux Oiseaux
Speaker: Grand Chief (Atikamekw Nation)

8:15-8:30 **Welcoming**
Room: Être aux Oiseaux
Speaker: Christopher Rose, Canada

8:30-9:15 **Session 1: Diagnosis of Overt Hepatic Encephalopathy**
Room: Être aux Oiseaux
Chairs: Minneke Coenraad, Netherlands
Yevedzo Ntuli, UK

8:30-8:45 **Diagnosis and staging**
Speaker: Rajiv Jalan, UK

8:45-9:00 **Brain imaging: marker of OHE?**
Speaker: Nicolas Weiss, France

9:00-9:15 **Discussion (round table)**

9:15-9:45 **Coffee Break**

Scientific Program

MONDAY, OCTOBER 6TH	
9:45-11:15	Session 2: Pathogenesis of Acute Encephalopathy in Cirrhosis Room: Être aux Oiseaux Chairs: Piero Amodio, Italy Anika Beer, Germany
9:45-10:00	Ammonia Speaker: Sara Montagnese, Italy (virtual)
10:00-10:15	Infection/Inflammation Speaker: Cornelius Engelmann, Germany
10:15-10:30	Oxidative stress Speaker: Mariana Oliveira, Canada
10:30-10:45	Bile acids Speaker: Sharon DeMorrow, USA
10:45-11:00	Recognizing heterogeneity (systemic factors) Speaker: Dominique Thabut, France
11:00-11:15	Discussion (round table)
11:15-12:30	Lunch Room: Éco-Café
12:30-13:15	Session 3: Should ammonia be measured in patients with cirrhosis? Room: Être aux Oiseaux Chair: Marsha Morgan, UK Debate Speakers: Maria Pilar Ballester, Spain Patricia Bloom, USA

Scientific Program

MONDAY, OCTOBER 6TH

13:15-14:15 Session 4: Hot Topics in Hepatic Encephalopathy
Room: Être aux Oiseaux
Chairs: Amine Benmassaoud, Canada
Clara Modolo, France

13:15-13:30 Assessment of neuroinflammation in patients with metabolic dysfunction-associated steatohepatitis using 11C-PK11195 positron emission tomography
Speaker: Kristoffer Kjærgaard, Denmark

13:30-13:45 The challenge of assessing hepatic encephalopathy in young patients with acute liver failure: a multicenter cohort study
Speaker: Filipe De Sousa Cardoso, Portugal

13:45-14:00 Aberrant Remodelling of Astrocytic Architecture in Hepatic Encephalopathy: Complexity of Edematic Atrophic Astrocytes
Speaker: Mariusz Popek, Poland

14:00-14:15 Hepatic Encephalopathy is Associated with Increased Nightly Heart Rate Variability in a Large Longitudinal Study of Sleep in Cirrhosis
Speaker: Adam Buckholz, USA

14:30-16:30 Outdoor Activity

17:00-19:00 Poster Presentations
Location: Table du Roy

19:30-23:00 Dinner
Room: Dining Room

Scientific Program

TUESDAY, OCTOBER 7TH

7:00-8:00

Breakfast

Room: Éco-Café

8:00-8:45

Session 5: Cellular Mechanisms of Hepatic Encephalopathy

Room: Être aux Oiseaux

Chairs: Arumugam R. Jayakumar, USA

Alexandre Bourgeois, Canada

8:00-8:15

Brain regions and cell types implicated in HE

Speaker: Matthew McMillin, USA

8:15-8:30

Brain edema vs astrocyte swelling

Speaker: Cristina Cudalbu, Switzerland

8:30-8:45

Glymphatic system

Speaker: Anna Hadjichambi, UK

8:45-9:45

Session 6: Hot Topics in Hepatic Encephalopathy

Room: Être aux Oiseaux

Chairs: Henry Nguyen, Canada

Julius Egge, Germany

8:45-9:00

Plasma and Brain Stigmata of Alzheimer's Disease in a rat model of chronic liver disease

Speaker: Katarzyna Pierzchala, Switzerland

9:00-9:15

Risk factors and prognostic value of overt HE after elective or preemptive TIPS: a comparative study

Speaker: Marika Rudler, France

9:15-9:30

High-fat diet induced MASLD is associated with intestinal and cerebrovascular dysfunction which is not mitigated by refined low-fat dietary intervention

Speaker: Matthew Siddle, UK

9:30-9:45

Effects of bariatric surgery on neurological disturbances and quality of life in patients with MASLD and severe obesity: a prospective longitudinal study

Speaker: Maria Pilar Ballester, Spain

Scientific Program

TUESDAY, OCTOBER 7TH

9:45-10:15 **Coffee Break**

10:15-11:30 **Session 7: Covert Hepatic Encephalopathy and Etiological Factors**

Room: Être aux Oiseaux

Chairs: Rohit Gupta, Australia

Harry Zacharias, UK

10:15-10:30 **Alcohol and the brain**

Speaker: Kristen Pleil, USA

10:30-10:45 **Cholestasis and the brain**

Speaker: Mark Swain, Canada

10:45-11:00 **Metabolic-Associated Steatotic Liver Disease**

Speaker: Karen Thomsen, Denmark

11:00-11:15 **Covert HE: Pathogenesis and heterogeneity**

Speaker: Christopher Rose, Canada

11:15-11:30 **Discussion (round table)**

11:30-12:30 **Lunch**

Room: Éco-Café

12:30-13:15 **Session 8: Should neuropsychological tests be used in the management of patients with cirrhosis?**

Room: Être aux Oiseaux

Chair: Dominique Thabut, France

Debate

Speakers: Mette Lauridsen, Denmark

Thomas Tranah, UK

Scientific Program

TUESDAY, OCTOBER 7TH	
13:15-14:00	Session 9: Hot Topics in Hepatic Encephalopathy Room: Être aux Oiseaux Chairs: Mohammad Qasim Khan, Canada Marilena Stamouli, UK
13:15-13:30	Combination of ornithine phenylacetate and Toll-like receptor 4 antagonist provides synergistic therapeutic benefit in clinically relevant models of hyperammonemia Speaker: Supachaya Sriphoosanaphan, UK
13:30-13:45	History of overt hepatic encephalopathy have structural and functional consequences on the brain in patients with cirrhosis evaluated for a suspicion of covert hepatic encephalopathy Speaker: Lyès Kheloufi, France
13:45-14:15	ISHEN consensus statement on the role of ammonia measurement in cirrhosis Speakers: Christopher Rose, Canada Maria Pilar Ballester, Spain Rajiv Jalan, UK
14:15-15:15	General Assembly Room: Être aux Oiseaux Speaker: Christopher Rose, Canada
15:15-17:15	Outdoor Activity
17:30-19:30	Poster Presentations Location: Table du Roy
19:30-23:00	Gala Dinner Room: Être aux Oiseaux

Scientific Program

WEDNESDAY, OCTOBER 8TH

7:00-8:30

Breakfast

Room: Éco-Café

8:30-9:30

Session 10: Management of Hepatic Encephalopathy

Room: Être aux Oiseaux

Chairs: Lorenzo Ridola, Italy

Helen Vidot, Australia

8:30-8:45

Muscle quantity/quality and HE

Speaker: Aldo Montano-Loza (virtual)

8:45-9:00

Nutrition

Speaker: Chantal Bémour, Canada

9:00-9:15

Exercise

Speaker: Andres Duarte-Rojo, USA

9:15-9:30

Cirrhosis Care

Speaker: Puneeta Tandon, Canada

9:30-10:30

Session 11: Irreversibility in Hepatic Encephalopathy

Room: Être aux Oiseaux

Chairs: Michael Sørensen, Denmark

Jace Tyson, USA

9:30-9:45

Irreversibility of HE

Speaker: Marina Serper, USA

9:45-10:00

Cell injury/loss in HE

Speaker: Farzaneh Tamnanloo, Canada

10:00-10:15

Senescence in brain

Speaker: Miranda Orr, USA

10:15-10:30

Ammonia-metabolic stressor

Speaker: Annarein Kerbert, Netherlands

10:30-11:00

Coffee Break

Scientific Program

WEDNESDAY, OCTOBER 8TH

11:00-12:15 Session 12: Therapeutic Strategies for Hepatic Encephalopathy

Room: Être aux Oiseaux

Chairs: Julian Hercun, Canada

Elise Jonasson, Denmark

11:00-11:15 Clinical trial update (HE pipeline)

Speaker: Elliot Tapper, USA (virtual)

11:15-11:30 Microbiota

Speaker: Jasmohan Bajaj, USA

11:30-11:45 Therapeutic targets; factors and organs

Speaker: Robert Rahimi, USA

11:45-12:00 Urea Cycle Disorders; what can we learn?

Speaker: Nicholas Ah Mew, USA

12:00-12:15 Treat Covert HE vs Prevention of OHE

Speaker: Christian Labenz, Germany

12:15-13:00 Closing of Meeting/Incoming President

Room: Être aux Oiseaux

Speakers: Christopher Rose, Canada

Dominique Thabut, France

Take away Lunch