

PROGRAM DUTCH LIVER RETREAT 2026

Thursday February 12th 2026

10.00 - 10.30 Registration with coffee/tea

Opening Dutch Liver Retreat 2026

10.30 - 10.45 Welcome by *Hans Jonker (Chair)*

Session: Bile acids/FXR

Session leaders: *X.Z. Zhang & D.A. Meije*

10.45 - 11.00 Quantitative in vivo assessment of bile salt export pump functionality in abcb11 heterozygous mice infused with tauroursodeoxycholic acid

W.F.J. Hof¹, I. Grammatikopoulos Pallidis¹, H.D. Vries¹, M.V. Hovingh¹, R. Havinga¹, N.L. Mulder¹, K. Bruyn¹, F. Kuipers¹, J.F. Boer¹, H.J. Verkade¹

¹University of Groningen, University Medical Centre Groningen, Netherlands

11.00 - 11.15 Obeticholic acid accelerates portal vein embolization-induced liver hypertrophy in rabbits by improving bile salt homeostasis

X. Chang^{1,2}, P.B. Olthof³, H. Jin¹, S. Chau^{1,4}, Z. Soons¹, H.M. Eijk¹, R.F. Golen³, T.M. Gulik⁵, M. Heger⁶, P.L. Jansen¹, S.W.M. Olde Damink^{1,4}, F.G.

Schaap^{1,4}, ¹Maastricht University, Netherlands, ²Sun Yat-Sen Memorial Hospital Guangzhou China, ³Erasmus Medical Center Rotterdam Netherlands, ⁴University Hospital Essen, Germany, ⁵Amsterdam University medical Center, Netherlands, ⁶Institute of Histology and Embryology Ostrava Czech Republic.

11.15 - 11.30 Flavonifractor plautii mediates decrease of visceral fat from dietary interventions in metabolic syndrome through influencing hepatic bile acid metabolism

M. He^{1,2}, P.C.N. Rensen¹, B. Shi², Y. Wang², X. Wang², Y. Zheng³, Z. Li⁴, Q.R. Ducarmon¹, H. Guo², ¹Leiden University Medical Center, Netherlands, ²The First Affiliated Hospital of Xi'an JiaoTong University Xi'an China, ³The University of Hong Kong Hong Kong China, ⁴Zhujiang Hospital, Southern Medical University Guangzhou China

11.30 - 11.45 Inhibition of hepatic bile salt uptake attenuates pre-existing diet-induced metabolic dysfunction-associated steatohepatitis in mice

C.C.J. Groenen¹, T.A. Nguyen¹, D.R. De Waart¹, K. Ho-Mok¹, I. Bolt¹, E. Vogels¹, D. Terlouw-Tolenaars¹, S. Duijst¹, J. Verheij¹, J.M. Lambooi²,

B.G.A. Guigas², W. In het Panhuis¹, C.C. Paulusma¹, S.F.J. Van de Graaf¹, ¹Amsterdam University Medical Center, Netherlands, ²Leiden University Medical Center, Netherlands

11.45 – 12.00 **Coffee break and sponsor booth visit**

Keynote Lecture

Session leader: Sonja Buschow

12.00 – 12.45 Understanding the functional heterogeneity of hepatic myeloid cells in health and disease
Prof. dr. Charlotte Scott, professor of Immunology, Ghent University & VIB-IRC

12.45 – 14.15 **Lunchbreak + optional walk**

Session: Diseases of the liver and transplantation

Session leaders: Y. Chen & A.O. van Tiel

14.15 – 14.30 Interim results of a phase I/II study to determine the safety, immunogenicity of therapeutic hepatitis B virus synthetic long peptide vaccination
R.F.A. Pieterman¹, A.S. Wiekmeijer², M.Y. Lin², R.J. Luijten¹, P.P.C. Boor¹, J. Verhagen-Oldenampsen¹, E. Verhey¹, H. Van Soest³, C. Melief^{2, 4}, P. Van Veen³, P. Honkoop⁵, B. Takkenberg⁶, L. Jansen⁷, R. Bouamar¹, M. Sonneveld¹, H. Janssen¹, D. Sprengers¹, S.I. Buschow¹, ¹Erasmus MC Rotterdam Netherlands, ²ISA Pharmaceuticals Oegstgeest Netherlands, ³Haaglanden MC, Netherlands, ⁴ISAbella pharma BV Haarlem Netherlands, ⁵Albert Schweitzer Ziekenhuis Dordrecht, Netherlands, ⁶Amsterdam Medisch Centrum, Netherlands, ⁷OLVG Amsterdam Netherlands

14.30 - 14.45 Bone morphogenic protein 9 (BMP9): a novel therapeutic agent for the prevention of circulatory and renal failure in animal models of acute-on-chronic liver failure (ACLF)
A. Phillips¹, S.E. Fischer², R.J. Postma², L.M. Jong², A. Habtesion¹, F. Andreola¹, N. Davies¹, P. Upton³, N. Morrell³, A.J. Zonneveld², M.J. Coenraad², R. Jalan¹, ¹UCL Institute for Liver and Digestive Health London United Kingdom, ²Leiden University Medical Center Leiden Netherlands, ³Victor Phillip Daldale Heart and Lung Research Institute Cambridge United Kingdom

14.45 – 15.00 Towards transplantable liver constructs: organoid-based bioprinting and automated cell expansion
L. van Uden¹, A. Ritchie Martinez¹, K. Schneeberger-Verjaal¹, B. Spee¹, ¹Utrecht University, Netherlands

15.00 – 15.15 Central role of the Kupffer cell-CETP-HDL axis in protecting against mortality from bacterial sepsis
P.C.N. Rensen¹, M. Li¹, R. Noordam¹, M. De Kleer², M. Ditmarsch², J.J.P. Kastelein², S. Kooijman¹, ¹Leiden University Medical Center Leiden Netherlands, ²NewAmsterdam Pharma Naarden Netherlands

15.15 – 15.30 **Coffee break and sponsor booth visit**

Session: Trilogly on Perihilar cholangiocarcinoma

Session leader: Sem Aronson

15.30 – 15.50 Patient perspective

15.50 – 16.10 Doctor perspective
Dr. Maxime Dewulf, chirurg, Maastricht UMC+

16.10 – 16.20 Research perspective
Dr. Frank Schaap, assistant professor, Maastricht University

16.20 – 16.30 Q&A session

16.30 – 16.45 **Coffee break and sponsor booth visit**

Sponsor session

16.45 – 17.00 Sponsor talks

Poster session

17.00 – 17.30 I-min Poster Flash Talks

17.30 – 18.30 Drinks & Poster Science

Evening program

18.30 – 20.00 Dinner

20.00 – 21.00 Social programme

21.00 - 00.00 Dance

Friday February 13th 2026

07.00 – 09.00 Breakfast

Session: Fibrosis/HCC

Session leaders: R. Farin Shaji & D. Wu

- 09.00 – 09.15 A novel cyclodextrin with improved safety profile for targeting hepatocellular carcinoma
L.M. Stoffers¹, H. Kim², H. Mourik¹, A.V. Bitorina¹, E.S. Espinoza Rodriguez¹, A. Beenders¹, J. Vanoevelen¹, J. Theys¹, R. Shiri-Sverdlov¹, ¹Maastricht University, Netherlands, ² Ratus Daejeon South Korea
- 09.15 – 09.30 Identification and characterization of tumor-reactive CD8 and CD4 T cells in hepatocellular carcinoma
L. Magré¹, Y.S. Rakké¹, R. Gernerden¹, L.L. Leeuwen¹, M. Doukas¹, J.N.M. Ijzermans¹, S.I. Buschow¹, D. Sprengers¹, ¹Erasmus MC Rotterdam, Netherlands
- 09.30 – 09.45 Plasma cathepsins as diagnostic and progression markers in alcohol-associated liver disease-induced hepatocellular carcinoma
H.K. Mourik¹, L.M. Stoffers¹, C.V. Schneider², J. Verbeek³, M. Kramer⁴, J. Theys¹, R. Shiri-Sverdlov¹, ¹Maastricht University Maastricht, Netherlands, ²RWTH Aachen University Germany, ³KU Leuven Leuven Belgium, ⁴ MUMC+ Maastricht Netherlands
- 09.45 – 10.00 Extracellular vesicle-dependent crosstalk between hepatic stellate cells and Kupffer cells promotes their mutual activation
J. Wang^{1, 2}, J. Li¹, M. Buist-Homan¹, P. Olinga², M. Harmsen¹, H. Moshage¹, ¹University Medical Center Groningen, Netherlands, ² University of Groningen, Netherlands
- 10.00 – 10.15 **Coffee break and sponsor booth visit**

Session: MASLD/MASH

Session leaders: T. Chen & F.A. Feiner

- 10.15 – 10.30 Unraveling the progression from steatosis to steatohepatitis: effect of lipid loading and inflammation in hepatocytes on macrophage transcriptomic reprogramming and cytokine production.
V.E.J.M. Palasantz¹, D. Struik¹, T. Bos¹, M. Koster¹, M. Langelaar-Makkinje¹, S. Withoff¹, J.A. Hoogerland¹, J.W. Jonker¹, J. Fu¹, ¹ University Medical Center Groningen, Netherlands
- 10.30 – 10.45 Portal blood-carried microRNAs promote the onset of hepatic steatosis in a colitis mouse model via the activation of hepatic macrophages
Z. Ying¹, P. Koelink¹, S. Duijst¹, E. Lange¹, J. Bongers¹, L. Bloemendaal¹, K. Ho-Mok¹, R. Oude Elferink¹, S. Graaf¹, C. Paulusma¹, P. Bosma¹, ¹Amsterdam UMC, Netherlands

- 10.45 – 11.00 Triglycerides are present in bile and stimulate gall stone formation
M.S.Z. Zwartjes¹, J. Hoozemans¹, W. Zwol², A.W.M. Schimmel¹, J. Peter¹, J.H.M. Levels¹, J.F. Boer², B. Sluis², J.A. Kuivenhoven², M. Nieuwdorp¹, V.E.A. Gerdes¹, A.K. Groen¹, A. Grefhorst¹, ¹Amsterdam UMC, Netherlands, ²UMC Groningen Netherlands
- 11.00 – 11.15 Mapping sex-specific mechanisms of hepatic cholesterol handling: insights into lysosomal GTPase ARL8B
C. Verzijl¹, M. Smit¹, N. Kloosterhuis¹, N. Huijkman¹, B. Maring¹, M. De Graaf¹, J.C. Wolters¹, B. Van de Sluis¹, ¹University Medical Center Groningen, Netherlands
- 11.15 – 11.30 **Coffee break and sponsor booth visit**

Hot Topic: Prime/base editing of the liver

Session leader: *Piter Bosma*

- 11.30 – 12.00 Prime Time for patients with metabolic diseases
Dr. Sabine Fuchs, Professor of Metabolic Diseases and Innovative Therapies, UMC Utrecht
- 12.00 – 12.30 DNA and RNA editing: promising new therapeutic targets for the treatment of alpha-1-antitrypsin deficiency
Dr. Remco van Dijk, MDL-arts, LUMC, Leiden
- 12.30 – 12.45 Panel discussion with a Q&A
- 12.45 – 14.00 **Lunch Break**

Session: Novel liver disease models

Session leaders: *N.B. Goedhart & M. Sarifi*

- 14.00 – 14.15 One-carbon and NAD⁺ metabolic fluxes in ex vivo precision-cut liver slices of Glycogen Storage Disease type I
E.B. Homan¹, M.G.S. Rutten¹, K.A. Krishnamurthy¹, C. Gross Valle¹, A. Gerding¹, M. Langelaar-Makkinje¹, P. De Blaauw¹, T. Bos¹, R. Xiao¹, P. Olinga¹, B. Van de Sluis¹, T. Derks¹, J.C. Wolters¹, M.H. Oosterveer¹, M.R. Heiner-Fokkema¹, B.M. Bakker¹, ¹University Medical Center, Groningen, Netherlands
- 14.15 – 14.30 From trash to treasures: creating a pipeline for leftover liver surgical remnants to understand cellular hepatology
J.M. Lambooji¹, A.S.P. Yang¹, J.S.D. Mieog¹, S. Laarhoven¹, H. Hartgrink¹, B. Guigas¹, ¹Leiden University Medical Center, Netherlands

- 14.30 – 14.45 Investigating physiological and pharmacological effects of bile acids and FGF19 analogue aldafermin on human donor livers using normothermic machine perfusion
A.S. Aaldijk¹, L.C. Woltjes^{1, 2}, J. . Li¹, J.F. Boer¹, M.V. Hovingh¹, M. Faassen¹, J.C. Wolters^{1, 3}, V.E. Meijer^{1, 2}, D. Struik¹, J.W. Jonker¹, ¹University Medical Centre Groningen (UMCG), University of Groningen, Netherlands, ²Transplantation Centre Groningen, University Medical Centre Groningen (UMCG) Netherlands, ³Interfaculty Proteomics Facility, University Medical Centre Groningen (UMCG), Netherlands
- 14.45 – 15.00 The long-term gene stability of equine liver organoids cultured in optimised expansion media: a pilot study
M. Maxfield¹, L. Kruijt¹, L.C. Penning², ¹Wageningen University, Netherlands, ²Utrecht University, Netherlands
- 15.00 – 15.15 **Coffee break and sponsor booth visit**
- 15.15 – 15.30 **Poster and presentation award**
- 15.30 – 15.45 **Final remarks, questionnaire & closure**