



BELGIAN WEEK BASL-BLIC MEETING: 10 February 2022

09:00-10:10 SESSION 1: 7 abstracts (10 min per abstract)

Moderators: Wim Verlinden (AZ St-Niclaas), Xavier Verhelst (UZ Gent)

- 09:00 A 01** Toll-like receptor 2 activation in monocytes of alcohol use disorder patients contributes to systemic inflammation and alcohol-associated liver disease.
J.L. MACCIONI (1), J. KASAVULI (1), S. LECLERCQ (1), B. PIRLOT (1), G. LALOUX (1), Y. HORSMANS (2), I. LECLERCQ (1), B. SCHNABL(3), P. STÄRKEL (1) / [1] UCL, Brussels, [2] UCL Saint-Luc, Brussels, [3] University of California San Diego, La Jolla, USA
- 09:10 A 02** Accuracy of non-invasive techniques compared to magnetic resonance spectroscopy to evaluate the presence of fatty liver disease in individuals with type 1 diabetes: INITIATE1 study.
J. MERTENS, M. SPINHOVEN, E. DIRINCK, L. VONGHIA, C. DE BLOCK, S. FRANQUE / UAntwerp/UZAntwerp
- 09:20 A 03** Single-cell atlas of adipose tissue macrophages in non-alcoholic fatty liver disease.
M. BOESCH (1), H. KORF (1), R. FEIE-AZEVEDO (1), A. LINDHORST (2), E. DELEUS (3), M. LANNOO (3), L. SMETS (1), L. VAN MELKEBEKE (1), M. WALLAYS (1), T. ROSKAMS (1), P. BEDOSSA (4), J. VERBEEK (1), T. VOET (1), A. SIFRIM (1), M. GERICKE (2), S.VAN DER MERWE (1) / [1] KUL, Leuven, [2] Leipzig University, Germany, [3] UZLeuven, [4] Beaujon Hospital Paris Diderot University, France
- 09:30 A 04** Single center experience with intestinal transplantation.
M. CLARYSSE, A. DUBOIS, L. CEULEMANS, E. CANOVAI, I. JOCHMANS, L. WAUTERS, M. HIELE, T.VANUYTSEL, D. MONBALIU, J. PIRENNE / UZ Leuven - KULeuven
- 09:40 A 05** Deletion of Hepatic Glutamine Synthetase Promotes NASH and NASH-Associated HCC.
C. PICHON, M. NACHIT, I. LECLERCQ / UCL, Brussels
- 09:50 A 06** Ductular bilirubinostasis is independently associated with the development of ACLF at short term: results of a prospective study.
L. VAN MELKEBEKE (1), T. OSTYN (1), A. BROEKHOVEN (2), H. VERSPAGET (2), S. VAN DER MERWE (1), J. VERBEEK (1), M. COENRAAD (1), T. ROSKAMS (1), F. NEVENS (1) / [1] KULeuven, [2] Leiden University Medical Center (LUMC), Netherlands (the)
- 10:00 A 07** Monocyte signatures of recovery- and non-recovery ACLF patients – uncovering

functional, transcriptomic and metabolic dynamics.

R. FURTADO FEIO DE AZEVEDO (1), H. KORF (1), M. BOESCH (1), S. RADENKOVIC (2), WALLAYS (1), L. SMETS (1), L. VAN MELKEBEKE (1), B. GHESQUIÈRE (2), D. CASSIMAN (3), P. MEERSSEMAN (3), H. VAN MALENSTEIN (3), F. NEVENS (3), W. LALEMAN (3), J. VERBEEK (3), S. VAN DER MERWE (3) / [1] KULeuven, [2] VIB Center for Cancer Biology, Leuven, [3] UZLeuven

10:10-10:40 Brohee Lecture : _ « Finding a cure for liver fibrosis in a dish » (Title TBC)

Prof. Leo van Grunsven (VUB)

10:40-11:10: Coffee Break

11:10-11:40: BELIAC lecture: Waiting time should be training time.

Prof. Diethard Monballiu– KULeuven

11:40-13:05: SESSION 2

Moderators: Geraldine Dahlqvist (UCL), Eric Trepo (ULB)

- 11:40 A 08** A history of bariatric surgery is independently associated with a younger age of severe alcoholic hepatitis onset, but is not associated with short-term survival.
L. VAN MELKEBEKE (1), T. OSTYN (1), A. BROEKHOVEN (2), M. COENRAAD (2), H. KORF (1), T. ROSKAMS (1), S. VAN DER MERWE (1), F. NEVENS (1), J. VERBEEK (1) / [1] KULeuven, [2] Leiden University Medical Center (LUMC), Leiden, The Netherlands
- 11:52 A 09** Utility and prognostic value of diagnosing metabolic dysfunction-associated fatty liver disease (MAFLD) in patients undergoing liver transplantation for alcohol-related liver disease.
B. VANLERBERGHE, H. VAN MALENSTEIN, M. SAINZ-BARRIGA, D. MONBALIU, S. VAN DER MERWE, J. PIRENNE, F. NEVENS, J. VERBEEK / UZLeuven
- 12:04 A 10** Prevalence, prognosis and features of incidentally detected hepatocellular carcinoma in explanted livers.
E. KERSTENS (1), S. IESARI (2), G. DAHLQVIST (1), E. BONACCORSI (1), L. COUBEAU (1), O. CICCARELLI (1), B. DELIRE (1) / [1] UCL Saint-Luc, [2] Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, , Italy
- 12:16 A 11** Validation of a glycomics-based test associated with risk of HCC development in cirrhosis.
X. VERHELST (1), L. MEURIS (2), R. COLMAN (3), A. GEERTS (1), A. VAN HECKE (2), N. CALLEWAERT (2), H. VAN VLIERBERGHE (1) / [1] UZ Gent, [2] VIB, Gent, [3] UGent

- 12:28 A 12** Tacrolimus drug exposure level in the first year after liver transplantation is an independent risk factor for de novo malignancy in patients transplanted for alcohol-related liver disease.
B. VANLERBERGHE, H. VAN MALENSTEIN, M. SAINZ-BARRIGA, D. MONBALIU, S. VAN DER MERWE, J. PIRENNE, F. NEVENS, J. VERBEEK / UZLeuven
- 12:40 A 13** Benefit of regular screening for hepatitis delta and subsequent cirrhosis among chronic hepatitis B carriers.
T. SERSTE (1), H. NJIMI (2), M. NKUIZE (1), M. VAN GOSSUM (1), P. EISENDRATH (1), J. MULKAY (3) / [1] CHU Saint-Pierre, Brussels, [2] ULB Erasme, Brussels
- 12:52 A 14** Pretransplant changes in serum protein glycosylation relate to risk of HCC recurrence after liver transplantation and provide a potential prognostic biomarker: a proof-of-concept study.
X. VERHELST (1), H. ENGELS (1), A. GEERTS (1), A. VANLANDER (1), L. ABREU DE CARVALHO (1), H. DEGROOTE (1), L. MEURIS (2), F. BERREVOET (1), N. CALLEWAERT (2), H. VAN VLIERBERGHE (1) / [1] UZ Gent [2] VIB, Gent

13:10 -14:00: LUNCH

Moderator: Thomas Vanwolleghem (UA)

14:00 **Marc Hautekeete LECTURE: "Cessation of Nucleos(t)ide Analogues in chronic HBV: do's and don'ts" (Title TBC)**
Prof. Harry Janssen -UHN Toronto, Canada

14:30-15:40: SESSION 3:

Moderators: Jean Delwaide (ULiege), Rik Reynaert (VUB)

- 14:30 A 15** Abstinence is associated with better outcome in patients with alcohol-related hepatocellular carcinoma.
A. DONATI (1), J. HENRION (2), M. REGNIER (1), P. DELTENRE (3), A. MAROT (1) / [1] CHU Mont-Godinne, [2] Hôpital Jolimont, [3] Saint-luc Bouge, Namur
- 14:40 A 16** The evolving pattern of hepatocellular carcinoma in a general hospital from central Belgium ...The history of our region made the difference!
E. KAZE, J. HENRION / Hôpital Jolimont
- 14:50 A 17** Point of care screening tests for hepatitis B and commitment of a dedicated nurse lead to successful linkage to care of ethnic minorities.
A. VANDERLINDEN, E. HO, L. GOVAERTS, B. DE FOOZ, P. VAN DAMME, P. MICHIELSEN, T. VANWOLLEGHEM / UAntwerp/UZ Antwerpen

- 15:00 A 18** Excellent outcome and vaccination rate in patients with autoimmune hepatitis during the COVID-19 pandemic.
H. DE SUTTER, H. DEGROOTE, H. VAN VLIERBERGHE, X. VERHELST / UZGent
- 15:10 A 19** Is insulin resistance the predisposing factor for fatty liver disease in type 1 diabetes?
J. MERTENS, M. SPINHOVEN, E. DIRINCK, L. VONGHIA, C. DE BLOCK, S. FRANCKUE / UAntwerpen/UZAntwerpen
- 15:20 A 20** Assessment of a transient elastography in predicting the graft fibrosis after liver transplantation and validation of the Venturi score in an adult population.
C. DUMONT (1), N. LANTHIER (1), S. IESARI (2), G. HENIN (1),
E. BONACCORSI-RIANI (1), O. CICCARELLI (1), L. COUBEAU (1), P. BALDIN (1),
S. AYDIN (1), G. DAHLQVIST (1) / [1] UCL Saint-Luc, [2] Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Italy
- 15:30 A 21** Prospective validation of the Polycystic Liver disease complaint-specific assessment (POLCA) score: Influence of Menopause and Somatostatin-analogues.
A. BILLIET (1), F. TEMMERMAN (1), W. COUDYZER (1), N. VAN DEN ENDE (1),
I. COLLE (2), S. FRANCKUE (3), H. THIEN ANH (4), S. DE MAEGHT (5), F. JANSSENS (6),
H. ORLENT (7), D. SPRENGERS (8), J. DELWAIDE (9), S. DECOCK (10), C. DE VLOO (11),
S. VAN DER MERWE (1), J. VERBEEK (1), F. NEVENS (1) / [1] UZLeuven, [2] ASZ, Aalst,
[3] UZAntwerpen, [4] UCL, Brussels, [5] Grand Hopital de Charleroi, [6] Jessa Hospital,
Hasselt, [7] AZ Sint-Jan Brugge-Oostende, Brugge, [8] GZA, Antwerp, [9] CHU Liege,
[10] AZ Sint-Lucas Brugge, [11] AZ Delta, Roeselare

15:40-16:00: BASL best basic and clinical prize + BASL General Assembly

e-Posters:

Moderator: Sergio Negrin-Dastis

- A 22** Murine bile duct ligation induces liver function failure, neurometabolic changes and microglial activation indicative of hepatic encephalopathy.
W. CLAEYS (1), L. VAN HOECKE (2), A. GEERTS (1), X. VERHELST (1),
H. VAN VLIERBERGHE (1), S. LEFERE (1), H. DEGROOTE (1), G. VAN IMSCHOOT (2),
E. VAN WONTERGHEM (2), R. VANDENBROUCKE (2), C. VAN STEENKISTE (3) /
[1] UGent, [2] VIB, Gent, [3] UZAntwerpen
- A 23** Small changes in the metabolism of bile acids by the gut microbiota are associated to NASH pathogenesis.
J. GILLARD (1), M. THIBAUT (1), M. ROUMAIN (1), G. MUCCIOLI (1), A. TAILLEUX (4),
B. STAELS (4), L. BINDELS (1), I. LECLERCQ (1) / [1] UCLouvain, [2] CHU Lille, France
- A 24** AP-1 and YAP1-TEAD drive independent transcriptional programs to activate hepatic stellate cells.
V. DE SMET, E. VAN OS, S. VERHULST, I. MANNAERTS, L. VAN GRUNSVEN / VUB, Jette

- A 25** Real-life multi-center retrospective analysis on nivolumab in difficult-to-treat patients with advanced hepatocellular carcinoma.
N. DE WILDE (1), A. BUCALAU (2), G. VERSET (2), L. VONGHIA (3), S. FRANCQUE (3), C. VAN STEENKISTE (4) / [1] UZ Gent, [2] ULB Erasme, Bruxelles [3] UZAntwerpen, [4] AZ Maria Middelaes, Gent,
- A 26** Chronic liver disease, not especially at the cirrhosis stage, is associated with insulin resistance and confers a risk of type 2 diabetes mellitus.
G. BALE (1), F. CLAREMBEAU (1), P. STÄRKE (1), G. DAHLQVIST (1), Y. HORSMANS (1), N. LANTHIER (1) / [1] UCL Saint-Luc, Bruxelles
- A 27** Early Kupffer cell depletion does not affect hepatocellular carcinoma progression in mice.
B. VANDERBORGHT (1), K. DE MUYNCK (1), C. SCOTT (2), A. BESCHIN (3), M. GUILLIAMS (2), H. VAN VLIERBERGHE (1), L. DEVISSCHER (1) / [1] UGent, [2] VIB, Gent, [3] VUB, Jette
- A 28** Two diseases, one model - assessing the suitability of FOZ mice to examine CVD in NAFLD.
S. BOTT, L. DUMAS, C. DESSY, I. LECLERCQ / UCL
- A 29** Prebiotics' plus Probiotics' effect on the patients with Nonalcoholic Fatty Liver Disease.
T. KHACHIDZE / Grigol Robakidze University, Tbilisi, Georgia
- A 30** Awareness of chronic hepatitis B and C among men who have sex with men (MSM): epidemiological survey and on-site screening.
M. COESSENS (1), T. HOLVOET (2), J. SCHOUTEN (2), W. VERLINDEN (2) / [1] UZ Antwerpen, [2] AZ Nikolaas