

JOINT ANNUAL MEETING

European MASLD Study Group & European Group for Insulin Resistance (EGIR)

SCIENTIFIC PROGRAMME

23?25 November 2026

NH Maastricht · Forum 110 · Maastricht, The Netherlands

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European MASLD Study Group & EGIR

Scientific Programme | 23–25 November 2026 | NH Maastricht, Forum 110, Maastricht, The Netherlands

10:00–10:30	Coffee break	Welcome with coffee

MONDAY · 23 NOVEMBER 2026

10:30–10:40	Welcome	Welcome and opening (organisers)

Insulin–Glucagon Crosstalk and Metabolic Rewiring: Positioning the Liver at the Center

10:40–11:10	Invited talk	Amalia Gastaldelli: The Hepatic Nexus: Connecting Insulin Resistance, Glucagon Action, and MASLD
11:10–12:00	Abstract talks 1–5	**Hepatic Glucose Metabolism, Insulin physiology and Metabolic Adaptations**
11:10–11:20	Abstract talk 1	O-13 Kateřina Koudelková — Changes in hepatic fat content following a ketogenic diet are not associated with changes in insulin clearance
11:20–11:30	Abstract talk 2	O-12 Kalliopi Pafili — Tissue-specific mitochondrial adaptations parallel MASLD improvement after bariatric surgery
11:30–11:40	Abstract talk 3	O-9 Jeroen van der Velde — Different characteristics and risk of incident type 2 diabetes between subtypes of insulin resistance and insulin deficiency
11:40–11:50	Abstract talk 4	O-11 João G. Silva — p-aminobenzoic acid enables non-invasive assessment of dietary carbon incorporation into hepatic UDP-glucose and pentose phosphate pathway fluxes
11:50–12:00	Abstract talk 5	O-10 John Jones — Postprandial contribution to urinary glucose and characterisation of the isotopic labelling pattern in individuals with T2D receiving SGLT2 inhibitors
12:00–13:30	Lunch	Lunch

Sex Dimorphism in MASLD and Metabolic Disorders

13:30–14:00	Invited talk	Sara Della Torre: Sex Dimorphism in MASLD and Metabolic Disorders
14:00–14:30	Invited talk	Paula Macedo: Clinical Implications for Personalized Medicine
14:30–15:10	Abstract talks 6–9	**Sex differences & women's health**
14:30–14:40	Abstract talk 6	O-22 Tuneille I. Adelaar — Sex-specific Trajectories of Murine Metabolic Dysfunction-Associated Steatohepatitis and Associated Fibrosis
14:40–14:50	Abstract talk 7	O-14 Kiana Meshkat — Sex-specific circulating proteomic profiles, proteomic responses to weight loss, and associations with metabolic health
14:50–15:00	Abstract talk 8	O-8 Huadong Chen — MASLD as a shared metabolic hub linking polyendocrine metabolic ovarian syndrome and coronary artery disease

15:00–15:10	Abstract talk 9	O-4 Bieke Broux — The liver-brain axis: Metabolic dysfunction-associated steatohepatitis-derived extracellular vesicles trigger blood brain barrier disruption
15:10–15:30	Flash talks 1–3	**Metabolic and Cardiovascular Outcomes in MASLD · 3 × 3 min + 5 min Q&A (6 min changeover / buffer)**
15:10–15:13	Flash talk	FO-16 Megan O. Heague – Ethnic differences in long-term hepatic and cardiometabolic outcomes following gestational diabetes: a multinational propensity score-matched cohort study
15:15–15:18	Flash talk	FO-18 Nina Krako Jakovljević – Mitochondrial respiration of peripheral blood mononuclear cells is downregulated in women with gestational diabetes
15:20–15:23	Flash talk	FO-25 Xin Wang – Endothelial activation and stress index (EASIX) identifies higher cardiovascular and all-cause mortality risk in adults with MASLD
15:25–15:30	Flash talk	Q&A for all FO presenters
15:30–16:15	Coffee break	Coffee break

Abstract talks 10–12 | Adipose tissue, extracellular vesicles & immune/brain crosstalk

16:15–16:25	Abstract talk 10	O-15 Lucia Mastrototaro — Dysfunctional visceral adipose-derived extracellular vesicles impair mitochondrial respiration in hepatocytes
16:25–16:35	Abstract talk 11	O-5 Egeria Scoditti — Long-Term Metabolic Recovery After Roux-en-Y Gastric Bypass Is Driven by Persistent Adipose Tissue Remodeling and Lipidome Rewiring
16:35–16:45	Abstract talk 12	O-19 Sabine Daemen — Adipose tissue macrophages modulate hepatic immune cell composition and steatosis during MASH development
16:45–17:15	Flash talks 4–8	**Gut–brain–nerve axes · 5 × 3 min + 5 min Q&A (10 min changeover / buffer)**
16:45–16:48	Flash talk	FO-20 Samantha Pezzica – Nutrient-dependent glucagon and insulin responses and changes after gastric bypass
16:50–16:53	Flash talk	FO-26 Yu Oshima — Methylglyoxal formation and glyoxalase activity in activated human neutrophils
16:55–16:58	Flash talk	FO-12 J. Stanarcic Gajovic – Association of increased insulin resistance and decreased GLP-1 levels with depression in people with type 2 diabetes
17:00–17:03	Flash talk	FO-2 Alex E. Henney – Evidence for involvement of the Liver–Nerve Nexus in the pathophysiology of metabolic dysfunction-associated steatotic liver disease
17:05–17:08	Flash talk	FO-9 H. N. Ibrahim – Diabetic Neuropathy and MASLD with Type 2 Diabetes is there a Connection?
17:10–17:15	Flash talk	Q&A for all FO presenters
17:15–17:30		Break / set up hybrid session
17:30–19:00	Session	Dietary Drivers of MASLD: Sugars, Lipids, and Metabolic Dysfunction
17:30–18:00	Invited talk	Martijn Brouwers: Fructose, Lipogenesis, and Metabolic Dysfunction: Is Sugar the New Lipid?
18:00–18:30	Invited talk	Ulf Risérus: Seed oils and MASLD: toxic or beneficial?
18:30–19:00	Panel discussion	

TUESDAY · 24 NOVEMBER 2026

Abstract talks 13–16 | Selected abstracts · Technical advances (MRI, AI, spatial omics)

09:30–09:40	Abstract talk 13	O-1 Alessandro Brunasso — Organ-level mathematical modelling of dynamic Deuterium Metabolic Imaging and peripheral data: novel biomarkers of postprandial hepatic glucose disposal
09:40–09:50	Abstract talk 14	O-23 You Zhou — Beyond Steatosis: Multimodal AI Detects MASH and Fibrosis from Routine Ultrasound
09:50–10:00	Abstract talk 15	O-20 Seray Anak — Spatial Multi-Omics Unravels the Heterogeneity of Hepatocyte Ballooning in MASLD
10:00–10:10	Abstract talk 16	O-17 Niccolò Liorni — Toward a Spatially Resolved Human MASLD Meta-Atlas: A Systematic Review, Technical Audit, and Multi-Cohort Integration of Single-Cell and Spatial Datasets

Technical Advances · Part 1

10:10–10:40	Invited talk	Carolin Schneider: AI-Driven Disease Maps and Systems Biology in MASLD
10:40–11:05	Flash talks 9–12	**MASLD and Diabetes: Biomarkers, Risk Stratification and Clinical Outcomes · 4 × 3 min + 5 min Q&A (8 min changeover / buffer)**
10:40–10:43	Flash talk	FO-4 Antonio Liguori — Optimising hepatology referral in metabolic dysfunction: Diabetes and Obesity drive Advanced Fibrosis Despite Underutilization of GLP-1 Receptor Agonists
10:45–10:48	Flash talk	FO-13 Lucas Cafferati Beltrame — Evaluating Monocyte PLIN2 Expression as a Non-Invasive Biomarker for At-Risk MASH in Comparison with FIB-4, FNI, and MAF-5
10:50–10:53	Flash talk	FO-23 Stavros Athanasopoulos — GDF15 and metabolic and hepatic phenotypes in diabetes: cross-sectional and longitudinal findings during glucose-lowering treatment escalation
10:55–10:58	Flash talk	FO-24 Svetlana Dinić — Dose-dependent effects of silymarin and silibinin on glycemia, biochemical parameters, and liver weight in a rat model of type 2 diabetes
11:00–11:05	Flash talk	Q&A for all FO presenters
11:05–11:35	Coffee break	Coffee break

Gut- and Liver-derived signals

11:35–12:05	Invited talk	Stijn Meijnikman: Aging signals from the gut in steatotic liver disease.

Abstract talks 17–19 | Gut- and Liver-derived metabolic signals

12:05–12:15	Abstract talk 17	O-2 Anne Tailleux — Intestine-specific TGR5 activation promotes high GLP-1 secretion but does not induce weight loss nor exerts hepato-protective effects in murine models of MASLD.
12:15–12:25	Abstract talk 18	O-16 Marion Régnier — Role of hepatic FGF21 in the regulation of metabolic homeostasis during aging

12:25–12:35	Abstract talk 19	O-18 Keyong Deng — Protective roles of plasmalogens and cysteine-glutathione disulfide in metabolic dysfunction-associated steatotic liver disease (MASLD)
12:35–13:00	Flash talks 13–16	**Metabolic Regulation in MASLD: Mitochondria, Gene Expression and Systemic Phenotypes · 4 × 3 min + 5 min Q&A (8 min changeover / buffer)**
12:35–12:38	Flash talk	FO-10 Geng Li — Oxygen availability as a regulator of hepatokine production: a translational study
12:40–12:43	Flash talk	FO-19 Polina Lipaeva — Decreased abundance of liver mitochondrial proteins in obesity and steatotic liver disease
12:45–12:48	Flash talk	FO-7 Christian Springer — Hepatic transcriptomic and DNA methylation signatures associate with glycemic heterogeneity in New Zealand Obese mice
12:50–12:53	Flash talk	FO-21 Sebastiano Archilei – Reduced cardiorespiratory fitness with a peripheral-metabolic limitation pattern in patients with MASLD: a pilot CPET study
12:55–13:00	Flash talk	Q&A for all FO presenters
13:00–14:30	Lunch	Lunch

Nutrition in MASLD and Metabolic Health: From Dietary Patterns to Precision Approaches

14:30–15:00	Invited talk	Ellen Blaak: Nutrition in the prevention of cardiometabolic risk: from dietary patterns to precision approaches.
15:00–15:20	Flash talks 17–19	**Nutrition, exercise & fasting · 3 × 3 min + 5 min Q&A (6 min changeover / buffer)**
15:00–15:03	Flash talk	FO-22 Soraya de Kam — Late eating and after-dinner snacking in relation to body fat and insulin resistance
15:05–15:08	Flash talk	FO-3 Ana Reis-Costa — Fructose transporter SLC2A5 gene expression is increased in subcutaneous adipose tissue in obesity independent from type 2 diabetes
15:10–15:13	Flash talk	FO-28 Costanza Cicchi — Multi-Omics Characterization Reveals Diet-Specific Hippocampal Remodeling Following Intermittent Fasting in Obese Mice
15:15–15:20	Flash talk	Q&A for all FO presenters

Abstract talks 20–23 | Hepatocyte injury, cholesterol & HCC

15:20–15:30	Abstract talk 20	O-3 Arthur Cens — FAT10 promotes the formation of Mallory-Denk bodies through autophagy inhibition in hepatocytes during MASH progression.
15:30–15:40	Abstract talk 21	O-21 Arnaud Dance — Dysregulated Cholesterol Homeostasis Drives Hepatic Inflammation and Injury in the Context of Impaired LXRα Signaling
15:40–15:50	Abstract talk 22	O-6 Fabienne Egelie — Targeting Cholesterol Metabolism in MASLD-Associated Hepatocellular Carcinoma Using Novel Cyclodextrins
15:50–16:00	Abstract talk 23	O-7 Hester van Mourik — Two roles, one target: exploring extracellular cathepsins as biomarkers and therapeutic targets in hepatocellular carcinoma
16:00–17:30	Coffee break / lab visit	Coffee break, lab visit and hybrid-session setup

MASLD in the Cardiometabolic Era: Mechanisms, Therapeutic Targets, and Future Therapies

17:30–18:00	Invited talk	Bart Staels: Nuclear receptors in cardiometabolic disease
18:00–18:30	Invited talk	Sven Francque: Cardiometabolic effects of anti-MASH therapies: implications for treatment algorithms.
18:30–19:00	Panel discussion	Panel discussion
20:30	Conference dinner	Conference dinner at Dadawan: Spoorweglaan 1, 6221 BS Maastricht

WEDNESDAY · 25 NOVEMBER 2026

Technical Advances, part 2

09:00–09:30	Invited talk	Silvia Sabatini: Systems modelling of metabolic diseases
09:30–10:00	Invited talk	Jeanine Prompers: Deuterium metabolic imaging: a new window on liver metabolism in MASLD
10:00–10:25	Flash talks 20–23	**Molecular Phenotyping and Multi-omics in MASLD · 4 × 3 min + 5 min Q&A (8 min changeover / buffer)**
10:00–10:03	Flash talk	FO-1 Alessandra Pistillo – Integrated phenotyping of the gut-platelet-liver axis in the progression of MASLD-related chronic liver disease
10:05–10:08	Flash talk	FO-15 Manuel Mangoni – Bioinformatic Methodological Approaches in MASLD and Epigenetics: A Review
10:10–10:13	Flash talk	FO-27 Salvatore Daniele Bianco – Metabolite co-abundance networks reveal localized MASLD associations
10:15–10:18	Flash talk	FO-17 Nataša Veličković – Multi-omics profiling of the gut–liver axis distinguishes MASLD from non-MASLD in adults with obesity: a cross-sectional study from Serbia
10:20–10:25	Flash talk	Q&A for all FO presenters
10:25–10:50	Coffee break	Coffee break

Inflammation–Metabolism Interactions in the Progression of MASLD

10:50–11:20	Invited talk	Joel Haas: Adipose–Liver Crosstalk in Insulin Resistance
11:20–11:50	Invited talk	Olivier Govaere: Inflammation-Metabolism Interactions in the Progression of MASLD
11:50–12:15	CLOSURE AND AWARDS	