

Halt-~~R~~ONIN

3rd Annual Meeting

3- 5, September 2025



Izmir, Turkey

Join Zoom Meeting

[Meeting link](#)

Meeting ID: 954 3823 4055

Passcode: Zebra

PROGRAMME

DAY 1. Tuesday, September 2nd, 2025

Steering Committee Meeting

DAY 2. Wednesday, September 3rd, 2025

Session I: **Introduction**

9:00	Registration Refreshments
9:30 - 9:45	Welcome <i>Gülçin Çakan, Meeting Chair, TR</i>
9:45 - 10:00	Introduction & Overview of Halt-RONIN Consortium <i>Javier Cubero, Halt-RONIN Coordinator, ES</i>

Session II: **WP2 | Modelling health-disease transitions in human *in vitro* liver models**

Chair	Lenny Nelson, Edinburgh Napier University, UK
10:00 - 10:15	Overview of the <i>WP2</i> leader <i>Lenny Nelson, University of Edinburgh/Napier University, UK</i>
10:15 - 10:30	Developing patient-derived <i>in vitro</i> models to mimic MASLD <i>Pau Sancho-Bru, FCBR-CERCA, ES</i>
10:30 - 10:45	Investigating POR Function in MASLD-to-MASH Transition Using HepaRG-Based Multi Cell-type Liver Spheroids – current status <i>Michel Kranendonk, NOVA Medical School, Universidade NOVA de Lisboa, PT</i>
10:45 - 11:15	Coffee break ☕.
11:15 - 11:30	Extracellular Vesicle Profiling of Lipid-Treated Hepatocyte-Like Cells <i>Félix Royo, CIC-BIOGUNE, Bizkaia, ES</i>
11:30 - 11:45	MSC secretome attenuates experimentally-induced MASLD in an <i>in vitro</i> HLC-THP-1 macrophages co-culture system <i>Joana Miranda, FFUL, PT</i>
11:45 - 12:00	Development of LiverAce: Human liver acinar models to study health-to-disease (MASLD-MASH) transitions <i>Lenny Nelson, Edinburgh Napier University, UK</i>
12:00 - 12:15	Building Complexity: A dynamic 5-cell type liver-acinus-on-a-chip vs traditional static <i>in vitro</i> models <i>Debbie Neill, University of Edinburgh, UK</i>
12:15 - 12:30	LPON treatment to model MASL-MASH transition in HML steatotic spheroids <i>Karima Begrich & Maela Duclos, University of Rennes, FR</i>
12:30 - 12:45	Data-driven drug repurposing for MASLD <i>Jonathan Fallowfield, University of Edinburgh, UK</i>

12:45 Lunch



Session III: Plenary Session

14:00 - 14:30	Guest Lecture: Steatotic Liver Diseases with Monogenic Origen <i>Yasemin Balaban, Hacettepe University, TR</i>
14:30 - 14:45	Q&A

Session III: **WP3 | Modelling health-disease transitions: Novel humanized and DUAL *in vivo* models**

Chair:	Ozlen Konu, Bilkent University, Ankara, TR
14:45 - 15:00	Overview of the WP3 leader <i>Ozlen Konu, Bilkent University, Ankara, TR</i>
15:00 - 15:15	Modeling MASLD- MASH transition in zebrafish model <i>Gülçin Çakan Akdoğan, IBG, Izmir, TR</i>
15:15 - 15:45	Coffee break ☕
15:45 - 16:00	Muscle-liver axis as a potential biomarker of MASLD <i>Yulia Nevzorova, Héctor Leal & Chi Xu, UCM, ES</i>
16:00 - 16:15	Cholesterol metabolism and impact in MASH <i>Jose C. Fernández-Checa & Carmen García Ruiz, CSIC, ES</i>
16:15 - 16:30	Comparative omics for determining biomarkers of MASLD/MASH transition <i>Ozlen Konu, Rana Acar, Beyza Yuceer, Ismat Nanji and Algi Demirbas, Bilkent University, TR</i>
16:30 - 16:45	Overview of BRB-seq implementation in WP3 <i>Thomas Darde, SciLicum, FR</i>
16:45 - 17:00	Q&A



19.30 Social dinner

DAY 3. Thursday, September 4th, 2025

Session IV: Short Talks

**** Flash talks:** will be given by students/researchers 7 min per talk (5 slides).

The talks will be given one after another, and the discussion for each talk (questions, comments, etc.) will take place during the coffee break.

Chair 9:30	Gülçin Çakan Akdoğan, IBG, Izmir, TR
Talk 1	Towards a Serum-Free 3D Human liver Model to Recapitulate MASLD Pathogenesis <i>Catarina Baptista, Sara Ganco, Francisco Esteves, Michel Kranendonk. UNL, PT</i>
Talk 2	Genomic and Epigenomic Characterization of the HepaRG Cell Model <i>Daniel Crispim, Francisco Esteves, Michel Kranendonk. UNL, PT</i>
Talk 3	Modulatory effects of PUFAs on cholesterol diet in zebrafish and HepaRG cells <i>Nil Gurgul, Anabel Martinez Lyon, Zehra Fırat, Thomas Darde, Lenny Nelson, Ozlen Konu. SLC, FR; University of Edinburg/Napier University, UK; Bilkent, TR</i>
Talk 4	Zebrafish as a model for mammalian POR disorders <i>Betul Metin, Emel Ahmad, Naz Ulusoy, Merve Basol, Busra Kormaz, Michel Kranendonk, Thomas Darde, Gulcin Cakan-Akdogan, Ozlen Konu. SLC, FR; NOVA Medical School, PG; IBG, Bilkent TR</i>
Talk 5	Transcriptomic changes induced by Western Diet in the zebrafish liver-gut axis <i>Busra Korkmaz, Thomas Darde, Leonard Nelson, Gulcin Cakan-Akdogan, IBG, Izmir, TR</i>
Talk 6	Evolutionarily conserved regulation of liver metastasis <i>Merve Basol, Peyda Korkmaz, Helin Ozaktas, Nese Atabey, Gulcin Cakan-Akdogan, IBG, Izmir, TR</i>
Talk 7	Fecal-derived extracellular vesicles from DUAL mice: a cross-cellular analysis <i>Héctor Leal Lasalle, Javier Cubero, Yulia Nevzorova, UCM, ES</i>
Talk 8	The role of XBP1 and JNK in hepatocellular carcinoma (HCC) <i>Chi Xu, Javier Cubero, UCM, ES</i>
Talk 9	NOTCH signaling regulates stellate cell fate toward hepatic or pancreatic lineages <i>María Mercado-Gómez, Raquel A Martínez García de la Torre, Zhenqing Xu, Laura García-Tercero, Laura Zanatto, Raquel Ferrer-Lorente, Carlos Mateos, Marc Miravet, Pau Sancho-Bru, FCRB-CERCA, ES</i>
Talk 10	APAP-induced liver injury is attenuated by small extracellular vesicles derived from mesenchymal stem cells in physiologically relevant <i>in vitro</i> and <i>in vivo</i> models <i>Ana S. Serras, Sérgio P. Camões, Joana S. Rodrigues, Joel M. Vej-Nielsen, Rui Vitorino, Busra Korkmaz, Gulcin Cakan-Akdogan, Joana P. Miranda. FFUL, PT</i>

10:45 - 11:30 Coffee break ☉ . Short talks discussions

Session V: **Invited Speaker**

11:30 - 12:00	TBC Onur Cizmecioglu, Bilkent University University, TR
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12:00 Lunch



13:00 - 18:30 Excursion:



Ephesus Antique City Visit
Refreshment & snacks
Free time in Şirince Village

18:30 Return to Izmir

DAY 4. Thursday, Friday 5th, 2025

Session VI: **WP5 | Clinical Validation - Implementation of BIG data-driven approach utilizing large human biobanks**

Chair:	Paula Argos, IDIVAL, ES
09:30 - 09:45	Overview of the <i>WP5 leader</i> Paula Argos IDIVAL, ES
09:45 - 10:00	From Cohorts to Candidates: A Translational Framework for Biomarker Discovery in MASLD Paula Argos y Carolina Jiménez IDIVAL, ES
10:00 - 10:15	Overview of stool analysis for clinical validation Jesús Rivera, SERMAS, ES (on-line)
10:15 - 10:30	Q&A

10:30 - 11:00 Coffee break ☕

Session V: **WP4 | Data analytics and integration: pathway analysis and biomarker discovery pipeline**

Chair	Thomas Darde, <i>SciLicum, FR</i>
11:00 - 11:20	Overview of the WP4 leader. Updated WP4 structure with SciLicum: roles and contributions <i>Thomas Darde, SciLicum, FR</i>
11:20 - 11:35	Meta-analysis of public MASLD/MASH datasets in literature and systems biology modeling <i>Ozlen Konu, Bilkent University, TK</i>
11:35 - 11:50	Q&A

Session IX: **Final session**

Chair	Javier Cubero, <i>UCM, ES</i>
11:50 – 12:05	Communication, Dissemination & Exploitation <i>Lucía Pérez de Ayala, UCM, ES (on-line)</i>
12:05 – 12:20	Steering Committee Member's point of view <i>WP leaders</i>
12:20 – 12:35	Closing Session & Future Perspectives of Halt-RONIN <i>Javier Cubero, UCM, SP</i> <i>Gülçin Cakan, IBG, TR</i>
12:35 – 13:05	Photo group and IBG Tour

13:05 Lunch





HOW TO GET HERE:



Universidad Complutense de Madrid as organizing partner of the HaltRONIN Annual Meeting will cover the expenses related to the following lunches/dinners:

Date	Type
2025/09/03	<i>Two Coffee breaks</i>
2025/09/03	<i>Refreshment and snacks</i>
2025/09/03	<i>Lunch</i>
2025/09/03	<i>Dinner</i>
2025/09/04	<i>Coffee break</i>
2025/09/04	<i>Refreshment and snacks</i>
2025/09/04	<i>Lunch</i>
2025/09/05	<i>Coffee break</i>
2025/09/05	<i>Lunch</i>

Attendees will be responsible to make the necessary arrangements in their corresponding organizations to avoid duplicate cost claims related to such expenses.