

Scientific Programme by Day

Sunday, October 18, 2026

Digestive Disease Mechanism (DDM)

15:15 – 16:45 Hall 8.0, DDM Summit

Intestinal barrier breakdown and microbial signalling

Chairs: Alison Simmons
Carl Weidinger

15:15 - 15:33 IP210

Stem cells, microbiota and carcinogenesis

Michael Sigal

15:33 - 15:51 IP211

The gut microbiota as an immunometabolic switch for intestinal inflammation

Harry Sokol

15:51 - 16:09 IP212

Gut-Liver Crosstalk in Cirrhosis

Ruben Frances Guarinos

16:09 - 16:27 IP213

Gut microbiome in inflammatory bowel disease

Siew Chien Ng

16:27 - 16:45 DOP01

HELICOBACTER PYLORI INFECTION ACTIVATES DORMANT EPITHELIAL CELLS HARBORING PRECANCEROUS MUTATIONS IN THE MURINE STOMACH, DRIVING GASTRIC CARCINOGENESIS

Anne-Sophie Fischer

Digestive Disease Mechanism (DDM)

17:00 – 18:30 Hall 8.0, DDM Summit

Immune cell networks shaping inflammation

Chairs: Frank Tacke
Ruben Frances Guarinos

17:00 - 17:18 IP266

Lymphoid cells in mucosal immunity

Marco Colonna

17:18 - 17:36 IP267

Immune circuits shaping chronic intestinal inflammation

Eduardo Villablanca

17:36 - 17:54 IP268

Targeting intestinal intraepithelial T cell activation in Coeliac disease

Mahima Swamy

17:54 - 18:12 IP269

Macrophages in chronic liver disease as drivers of fibrosis

Prakash Ramachandran

18:12 - 18:30

DOP02

EPITHELIAL PLASTICITY REGULATES IMMUNE CHECKPOINT BARRIERS IN CHRONIC LIVER DISEASE

Dania El Abyad



Scientific Programme by Day

Monday, October 19, 2026

Digestive Disease Mechanism (DDM)

09:00 – 10:30 Hall 8.0, DDM Summit

Immunometabolism: Linking cellular metabolism to immune function

Chairs: Olivier Govaere
Moritz Peiseler

09:00 – 09:18 IP294

Lipotoxic Exhaustion of MAIT Cells in MASLD

Katrin Böttcher

09:18 – 09:36 IP295

Metabolic gut inflammation

Timon Adolph

09:36 – 09:54 IP296

Immunometabolic control of immune responses in the liver

Matteo Iannacone

09:54 – 10:12 DOP03

DISTINCT MACROPHAGE ECOSYSTEMS SHAPE LYMPHOID FOLLICLES AND GRANULOMAS IN INFLAMMATORY BOWEL DISEASE

Azucena Salas

10:12 – 10:30 DOP04

MYELOID-SPECIFIC RIPK3 DRIVES PANOPTOTIC SIGNALING AND INFLAMMATION IN METABOLIC DYSFUNCTION-ASSOCIATED STEATOTIC LIVER DISEASE

Mariana Alves

Digestive Disease Mechanism (DDM)

11:00 – 12:30 Hall 8.0, DDM Summit

Modelling human digestive disease: From cells to organoids

Chairs: Silvia Affò
Lena-Christin Conradi

11:00 – 11:23 IP319

Patient-derived periportal assembloids as a model to study liver disease

Meritxell Huch

11:23 – 11:46 IP320

From pluripotency to physiology: Engineering human intestinal organoids

Jason R Spence

11:46 – 12:08 DOP05

MODELLING JOHANSON-BLIZZARD SYNDROME IN A DISH – MOLECULAR INSIGHTS INTO UBR1 DEFICIENCY USING PLURIPOTENT STEM CELL-DERIVED PANCREATIC ORGANIDS

Leon Reichardt

12:08 – 12:30 DOP06

DISCOVERY OF PROGNOSTIC LNCRNAs AND THERAPEUTIC TARGETS THROUGH MEK INHIBITION IN PATIENT-DERIVED PANCREATIC CANCER ORGANIDS

Akiko Matsuda

Digestive Disease Mechanism (DDM)

13:00 – 14:00 Hall 8.0, DDM Summit

DDM Poster Round

Chairs: Olivier Govaere
Ana Blas-García
Alexander Kleger

Digestive Disease Mechanism (DDM)

15:00 – 16:30 Hall 8.0, DDM Summit

Modelling human digestive disease: From tissue to complex systems

Chairs: Alexander Kleger
Herbert Tilg

15:00 – 15:23 IP376

Precision-cut liver slices as a Translational Model of Liver Inflammation

Elena Palma

15:23 – 15:46 IP377

Exploring human gut-microbe interactions with bioengineered models and single-cell technologies

Jarrett Grayson Camp

15:46 – 16:08 DOP07

A GOLGI-ACTIN MECHANISM CONTROLS NUTRIENT-EVOKED INCRETIN SECRETION AND GUT-PANCREAS ENDOCRINE COUPLING

Keijo Viiri

16:08 – 16:30 DOP08

COLON ASSEMBLOIDS RECAPITULATE TUMOR ECOSYSTEM REWIRING

Senxia Zhao

Digestive Disease Mechanism (DDM)

17:00 – 18:30 Hall 8.0, DDM Summit

From inflammation to fibrosis: Cellular and molecular drivers

Chairs: Ana Blas-García
Kai Markus Schneider

17:00 – 17:18 IP407

Gut Fibrosis & Regeneration

Gianluca Matteoli

17:18 – 17:36 IP408

Spatial profiling of human liver fibrosis

Neil Henderson

17:36 - 17:54

IP409

Dual identity of hepatic stellate cells

Robert Schwabe

17:54 - 18:12

DOP09

HEPATOCYTE RIPK3 PROMOTES STING ACTIVATION AND PYROPTOSIS IN MASLD

André Cardador

18:12 - 18:30

DOP10

THE IMMUNOSUPPRESSIVE EFFECT OF CANCER-ASSOCIATED FIBROBLASTS ON CD8+ T CELL FUNCTION IN PANCREATIC DUCTAL ADENOCARCINOMA

Imke Stouten

Scientific Programme by Day

Tuesday, October 20, 2026

Digestive Disease Mechanism (DDM)

09:00 – 10:30 Hall 8.0, DDM Summit

DDM Abstract based session

Chairs: Ana Blas-García
Alexander Kleger

09:00 – 09:10 DOP11

DIFFERENTIALLY METHYLATED REGIONS FROM CAPSULE SPONGE SORTED CELLS HIGHLIGHT A BARRETT'S OESOPHAGUS BIOMARKER SIGNATURE

Ahsen Ustaoglu

09:10 – 09:20 DOP12

REWIRING THE PRE-CANCER LANDSCAPE: KRAS-DRIVEN SECRETOME INVOLVING TNFA SHAPES THE PANCREATIC NICHE

Chantal Allgöwer

09:20 – 09:30 DOP13

PROFILING OF INFLAMMATORY AND IMMUNE BIOMARKERS FOR THE EARLY DETECTION OF CHOLANGIOCARCINOMA

Pilar Acedo

09:30 – 09:40 DOP14

UNVEILING A PREMALIGNANT HEPATOCYTE POPULATION BRIDGING STEATOSIS AND CARCINOMA

Raksha Machangada Ganesh

09:40 – 09:50 DOP15

PERIPANCREATIC LYMPHOID CLUSTERS DRIVE ACUTE PANCREATITIS THROUGH A VASCULAR TRAFFICKING AXIS

Yuki Oka

09:50 – 10:00 DOP16

LONG-CHAIN FATTY ACID-MEDIATED ACTIVATION OF BACTERIA FROM COLORECTAL CANCER SIGNATURE

Stephanie Kuhls

10:00 – 10:10 DOP17

DISRUPTION OF MESENCHYMAL BMP SIGNALLING PROMOTES GASTRIC CARCINOGENESIS VIA EXPANSION OF GREM1+ TELOCYTES

Jonas Wizenty

10:10 – 10:20 DOP18

AN R-LOOP-MODULATED MULTI-OMIC LANDSCAPE REVEALS A TUMOR-MICROBIOME-IMMUNE INTERPLAY DICTATING THERAPEUTIC VULNERABILITIES IN COLORECTAL CANCER

Yinmeng Zhang

10:20 – 10:30

DOP19

RESTORING THE OSCILLIBACTER VALERICIGENES-PENTANOATE AXIS TO LIMIT INTESTINAL BARRIER FAILURE IN SEVERE ACUTE PANCREATITIS

Liping Liang

Digestive Disease Mechanism (DDM)

11:00 – 12:30 Hall 8.0, DDM Summit

Cancer cell plasticity and tumour microenvironment

Chairs: Jan Bornschein
Julia Mayerle

11:00 – 11:23 IP454

Metabolic identities in pancreatic ductal adenocarcinoma

Lena-Christin Conradi

11:23 – 11:46 IP455

Oncogenic transcriptional regulators in cancer

Martin Eilers

11:46 – 12:08 IP456

Onco-fetal plasticity in colorectal cancer

Hugo Snippert

12:08 – 12:30 DOP20

IMMUNOMODULATORY IMPACT OF PTPN11 /SHP2-BASED VERTICAL RAS-MAPK PATHWAY INHIBITION IN PANCREATIC CANCER

Dietrich Alexander Ruess

Digestive Disease Mechanism (DDM)

12:30 – 13:30 Hall 8.0, DDM Summit

DDM Poster Round

Chairs: Alexander Kleger
Ana Blas-García
Olivier Govaere