

AGEM retreat 2021 PROGRAM

Thursday June 3rd 2021

10:00	10:05	Introduction		Livestream from Eenhoorn Meeting Center Amersfoort
10:05	10:50	Invited speaker: Dr. Joep Beumer		Livestream from Eenhoorn Meeting Center Amersfoort
10:50	11:15	AGEM grants 2021 award ceremony		Livestream from Eenhoorn Meeting Center Amersfoort
11:15	11:45	AGEM best publication 2020 battle		Livestream from Eenhoorn Meeting Center Amersfoort
11:45	12:00	AGEM duo-presentation		Livestream from Eenhoorn Meeting Center Amersfoort
		Remco Kersten and David Trampert	Duo-presentation	The biliary bicarbonate umbrella screening: A high-throughput approach to identify novel therapeutic targets for cholestatic liver diseases
12:00	13:20	<i>Lunch break</i>		
13:20	14:30	AGEM presentations in 5 parallel sessions		
13:20	14:30	Session A1: Chaired by Elsa van Liere & Tom van den Bosch		ZOOM: Breakout Room 1
A1	1	Ruben de Boer	Classical presentation	Grp78 facilitates Kras dependent Glut1 expression in Apc Kras mutated intestinal crypts, critical for adenoma progression
A1	2	Sanne Bootsma	Classical presentation	Effective treatment of colorectal peritoneal metastases by exploiting a molecular subtype specific vulnerability
A1	3	Benthe Dijkman	Classical presentation	Benign breast biopsies in transgender men
A1	4	Liselotte Zwager	Classical elevator pitch	Deep submucosal invasion as independent risk factor for lymph node metastasis in T1 colorectal cancer: a meta-analysis
A1	5	Sanne van Neerven	Classical elevator pitch	Apc-mutant cells act as supercompetitors in intestinal tumour initiation
A1	6	Milou van Driel	Classical elevator pitch	Towards developing Novel Chemoprevention Strategies for Lynch Syndrome-associated Colorectal Cancer
A1	7	Paula Metselaar	Classical elevator pitch	Molecular mechanisms of fatigue in inflammatory bowel diseases
A1	8	Tom van den Bosch	Classical elevator pitch	Chromosomal copy number heterogeneity predicts survival rates across cancers
A1	9	Jelmer Jukema	Classical elevator pitch	Integrated frame informativeness assessment algorithm for Barrett's neoplasia
A1	10	Irini Kreulen	Classical elevator pitch	Hypoxia induced epithelial responses in early intestinal disease
13:20	14:30	Session A2: Chaired by Ishtu Hageman & Tessa Dieckman		ZOOM: Breakout Room 2
A2	1	Ahmed Elfiky	Classical presentation	Mononuclear myeloid cell targeted histone deacetylase (HDAC) inhibitor impairs colon monocytes differentiation in vivo and ameliorates colitis in preclinical murine model of IBD
A2	2	Tessa Dieckman	Classical presentation	Activated, cytotoxic CD27+PD1+ CD8 T cells in Refractory Celiac Disease type II
A2	3	Anne ten Hove	Classical presentation	Sympathetic innervation promotes cell proliferation in intestinal epithelial crypts through adrenergic receptor a2A activation
A2	4	Charlotte Verburgt	Classical elevator pitch	Stool microbiome communities predict remission in treatment-naïve pediatric Crohn's disease patients
A2	5	Manon Balvers	Classical elevator pitch	Analyzing type 2 diabetes associations in the gut microbiome of South Asian Surinamese and African Surinamese living in the same geographic area
A2	6	Maartje van de Meeberg	Classical elevator pitch	Erythrocyte methotrexate polyglutamate concentrations in patients with Crohn's Disease: towards a new therapeutic drug monitoring tool
A2	7	Ulrika Boulund	Classical elevator pitch	Instant microbial identification using AI to improve long-term health
A2	8	Ishtu Hageman	Classical elevator pitch	Editing DNA methylation of SP140 gene using CRISPR deficient-Cas9 approach for studying differential DNA methylome profile in CD patients
A2	9	Femke Crouwel	Classical elevator pitch	Microbial metabolism of thiopurines
A2	10	Kiki Fockens	Classical elevator pitch	Linked color imaging improves identification of early gastric cancer for both expert and non-expert endoscopists
13:20	14:30	Session A3: Chaired by Sebastian Hendrix & Roni Kunst		ZOOM: Breakout Room 3
A3	1	Sebastian Hendrix	Classical presentation	SPRING is a novel determinant in SREBP signalling and cholesterol metabolism
A3	2	Roni F. Kunst	Classical presentation	A reduced bile salt pool size and increased renal excretion protect ASBT-deficient mice against liver damage upon bile duct ligation
A3	3	Francesca Paola Giugliano	Classical presentation	Potential role of interferon gamma in modulating human intestinal epithelial barrier maturation
A3	4	Jayron Habibe	Classical presentation	The protective role of FHL2-deficiency in glucose metabolism
A3	5	Laura Tseng	Classical elevator pitch	Timing of therapy and neurodevelopmental outcome in 18 families with PDE-ALDH7A1
A3	6	Martijn Jong	Classical elevator pitch	Automated identification of non-informative frames in upper gastrointestinal tract endoscopy video's using a convolutional neural network
A3	7	Tineke de Jong	Classical elevator pitch	Metabolic alterations in synovial fibroblasts underlies disease pathogenesis in rheumatoid arthritis
A3	8	Hang Lam Li	Classical elevator pitch	Regulation of cholangiocytes ciliogenesis by soluble adenylyl cyclase (sAC)
A3	9	Amber Meurs	Classical elevator pitch	Identifying new players in intracellular cholesterol transport

13:20	14:30	Session A4: Chaired by Jamie van Son & Job Saris		ZOOM: Breakout Room 4
A4	1	Charlotte C. van Ruiten	Classical presentation	The separate and combined effects of dapagliflozin and exenatide on appetite, body weight, and activation in central satiety and reward circuits in patients with 2 diabetes
A4	2	Job Saris	Classical presentation	Characterizing the peritoneal immune landscape in patients suffering peritoneal metastasized gastrointestinal cancer
A4	3	Tim Kortlever	Classical presentation	Diagnostic yield using a FIT-based risk model was not better than FIT only: a randomized controlled trial in the second round of the Dutch CRC screening programme
A4	4	Jamie van Son	Classical elevator pitch	The role of central dopaminergic signalling in insulin resistance
A4	5	Sjoerd Nagelkerke	Classical elevator pitch	Health-related quality of life of children on home parenteral nutrition
A4	6	Sanne van der Rijt	Classical elevator pitch	The causal role of lipid metabolism on lifespan and age-related kidney disease
A4	7	Anne-Marieke van Dijk	Classical elevator pitch	Metabolic associated fatty liver disease as assessed by the Fatty Liver Index among migrant and non-migrant Ghanaian populations
A4	8	Lidewij Boogers	Classical elevator pitch	Growth and growth reduction in transgirls
A4	9	Ivan C.N. Fung	Classical elevator pitch	scRNA-seq exploration in IBD patients

13:20	14:30	Session A5: Chaired by Shafaque Rahman & Rebecca McIntyre		ZOOM: Breakout Room 5
A5	1	Rebecca McIntyre	Classical presentation	Inhibition of the neuromuscular acetylcholine receptor with atracurium activates FOXO/DAF-16-induced longevity
A5	2	Suzanne van Wouw	Classical presentation	Global Lipidomic Profiling of LXR Activation Identifies SLPG as a Sterol-Inducible Lysoplasmalogenase in Macrophages
A5	3	Karlijn Nass	Classical presentation	New classification for adverse events in gastrointestinal endoscopy: the AGREE classification
A5	4	Fernando Cázarez-Márquez	Classical elevator pitch	Daily Rhythms in Reproductive and Metabolic Neurocircuits and the Time-Dependence of their Responses to Cold
A5	5	Felipe Correa da Silva	Classical elevator pitch	The contribution of microglial dysfunction to the pathogenesis of Prader-Willi syndrome
A5	6	Marte Becker	Classical elevator pitch	Crohn's Disease fistula show skewed lymphoid/myeloid balance, altered myeloid cell profiles and high TNF- α expression
A5	7	Claire van Helsdingen	Classical elevator pitch	Consensus on the definition of colorectal anastomotic leakage: A modified Delphi study
A5	8	Naomi Wieser	Classical elevator pitch	The role of Aryl hydrocarbon receptor's endogenous idoles on the development of neonatal gut
A5	9	Kim J. Beek	Classical elevator pitch	Advanced Magnetic Resonance Imaging techniques to distinguish inflammatory and fibrotic strictures in patients with Crohn's Disease

14:30 14:45 Break

14:45	16:00	Workshops	ZOOM
		Making (remote) working together work	ZOOM: Breakout Room 1
		Business drawing ("huis van verbeelding")	ZOOM: Breakout Room 2
		Scientific outreach and how to use it for public awareness	ZOOM: Breakout Room 3
		Grant Writing for PhDs – Kick start your academic career	ZOOM: Breakout Room 4
		Present with Humor	ZOOM: Breakout Room 5

16:00 17:00 Online Escape Room

Friday June 4th 2021

13:00 14:00 AGEM presentations plenary ZOOM

13:00 14:00 Session B: Chaired by Jamie van Son & Sebastian Hendrix ZOOM

B	1	Frank Wolters	Classical presentation	Oxylipins in cholestatic pruritus
B	2	Sanne Jolien van der Veen	Alternative presentation	Early start of enzyme replacement therapy in pediatric male patients with classical Fabry disease is associated with attenuated disease progression
B	3	Frouwkje Politiek	Alternative presentation	Identification of novel therapeutic targets in Hyperimmunoglobulinemia D and periodic fever syndrome
B	4	Gemma Pitotti	Classical elevator pitch	Over-exposure to LPS and Flagellin leaves preterm infants susceptible to sepsis
B	5	Bibiche den Hollander	Alternative elevator pitch	NANS-CDG: delineation of the genetic, biochemical and clinical spectrum
B	6	Shafaque Rahman	Alternative elevator pitch	miR-511 deficiency improves DSS colitis in mice
B	7	Elsa van Liere	Alternative elevator pitch	The Scent of Lynch Syndrome
B	8	Soumia Majait	Alternative elevator pitch	Targeting the secondary bile acid glycodeoxycholic acid as therapeutic strategy in type 2 diabetes mellitus
B	9	Tim R. van Elst	Alternative elevator pitch	Timing is everything; could the moment of (not) eating make a metabolic difference in the obese?

14:00 14:15 Break

14:15 15:00 Invited Speaker: Prof. dr. Harry Sokol ZOOM

15:00 15:15 Break

15:15 16:30 Workshops ZOOM

		Making (remote) working together work	ZOOM: Breakout Room 1
		Business drawing ("huis van verbeelding")	ZOOM: Breakout Room 2
		Scientific outreach and how to use it for public awareness	ZOOM: Breakout Room 3
		Present with Humor	ZOOM: Breakout Room 4
		AGEM valorisation/PPP policy (for group leaders only)	ZOOM: Breakout Room 5