

Smad4-dependent regulation of hepatocellular carcinoma growth and progression

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Programma voorjaarsvergadering 20 en 21 maart 2014

NH Conference Centre Koningshof Veldhoven

NEDERLANDSE VERENIGING VOOR GASTROENTEROLOGIE

Sectie Gastrointestinale Endoscopie
Netherlands Society for Parenteral and Enteral Nutrition
Sectie Neurogastroenterologie en Motiliteit
Sectie Experimentele Gastroenterologie
Sectie Gastrointestinale Oncologie
Sectie Inflammatoire Darmziekten IBD
DEGH-Meeting
Sectie Kinder-MDL
V&VN MDL



106

NEDERLANDSE VERENIGING VOOR HEPATOLOGIE



NEDERLANDSE VERENIGING VOOR GASTROINTESTINALE CHIRURGIE



NEDERLANDSE VERENIGING VAN MAAG-DARM-LEVERARTSEN



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Tijdstippen diverse ledenvergaderingen tijdens voorjaarsvergadering:

Nederlandse Vereniging voor Gastroenterologie	20 maart, 11.30 uur – Brabantzaal
Vergadering Sectie Kinder-MDL	20 maart, 11.30 uur - zaal 81
Ledenvergadering NVMDL i.o.	20 maart, 12.00 uur – zaal 63-64
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Tijdstippen diverse ledenvergaderingen tijdens voorjaarsvergadering:

Nederlandse Vereniging van Maag-Darm-Leverartsen	21 maart, 08.00 uur – Zaal 81-82-83
V & VN MDL	21 maart, 11.45 uur – Beneluxhal
Vergadering Sectie Inflammatoire Darmziekten (IBD)	21 maart, 13.00 uur – Parkzaal

Belangrijke mededeling over de aanwezigheid van farmaceutische industrieën



Aan alle deelnemers aan de voorjaarsvergadering op 20 en 21 maart 2014

De Nederlandse Vereniging voor Gastroenterologie kent een jarenlange samenwerking met de farmaceutische industrie. De vereniging stelt de farmaceutische industrie in de gelegenheid aanwezig te zijn bij de wetenschappelijke vergaderingen met een stand. Mede hierdoor kan de vereniging haar wetenschappelijke bijeenkomsten organiseren.

De Geneesmiddelenwet zegt dat - onder strikte voorwaarden - de farmaceutische industrie alleen reclame mag maken voor receptgeneesmiddelen voor personen die bevoegd zijn om dergelijke geneesmiddelen voor te schrijven. Alle andere personen (inclusief bijvoorbeeld verpleegkundigen, endoscopie-assistenten en biochemici) worden beschouwd als "publiek". De farmaceutische industrie mag geen reclame maken voor receptgeneesmiddelen voor publiek. De Nederlandse Vereniging voor Gastroenterologie is een wetenschappelijke vereniging voor personen die beroepsmatig betrokken zijn bij zorg, onderwijs en onderzoek ten behoeve van patiënten met maag-, darm- en leveraandoeningen. Dat betekent dat ook personen die geen arts zijn, lid van de NVGE zijn. De aanwezigheid van artsen, niet-artsen en farmaceutische industrieën tijdens de voorjaarsvergadering kan de NVGE ongewild in aanraking brengen met de inspectie voor de gezondheidszorg, sectie reclametoezicht, en daarmee in diskrediet worden gebracht. Dat willen wij uiteraard voorkomen.

In verband met de Gedragscode Geneesmiddelenreclame van de CGR en de aan het NVGE-congres verbonden expositie van farmaceutische producten, medische instrumenten en voedingsmiddelen, zal bij uw congresregistratie via de NVGE-website worden gevraagd naar uw bevoegdheid om medicijnen voor te schrijven.

Alle congresdeelnemers dragen verplicht een congresbadge waarop behalve de naam ook beroep/ functie staat aangegeven. Farmaceutische standhouders benaderen uitsluitend congresdeelnemers die de bevoegdheid hebben om receptgeneesmiddelen voor te schrijven of ter hand te stellen. Om dit extra te verduidelijken zal tijdens het voorjaarscongres worden gekozen voor verschillende kleuren congres-badges.

Uit het bovenstaande volgt dat aanwezige reclame-uitingen en merkproductinformatie van farmaceutische industrieën alleen gericht zijn op personen die bevoegd zijn om de betreffende geneesmiddelen voor te schrijven. Wij maken u erop attent dat het voor niet-artsen dan ook niet is toegestaan de stands van de aanwezige farmaceutische industrieën te bezoeken.

113 NVGE en farmaceutische industrie (sponsors) vertrouwen erop u met bovenstaande voldoende te hebben geïnformeerd.

Het bestuur van de NVGE

VOORWOORD

Hierbij treft u het volledige programma aan van het voorjaarscongres op 20 en 21 maart in NH Conference Center Koningshof te Veldhoven. Zoals gebruikelijk wordt ons congres voorafgegaan door het cursorisch onderwijs op 19 maart, deze keer over oncologie, waarvan u het programma aantreft op bladzijde 6 en 7.

Er is in het voorjaar traditiegetrouw veel ruimte voor voordrachten van wetenschappelijk onderzoek. Dit wordt aangevuld met uiteenlopende symposia, te beginnen met een multidisciplinair symposium over darmfalen op donderdagmorgen.

In de Baroniaal is zowel op donderdag als op vrijdag de Dutch Experimental Gastroenterology and Hepatology Meeting, een gezamenlijk initiatief van de Sectie Experimentele Gastroenterologie van de NVGE en de Sectie Basale Hepatologie van de NVH. Dit jaar staat dit programma in het teken van *translational medicine*. Onze gastspreker professor E.M. El-Omar – Aberdeen University, UK – zal dit thema ook uiteenzetten in de afsluitende plenaire sessie in de Brabantzaal met een voordracht getiteld *Challenges of Translational GI Research* om 18.00 uur in de Brabantzaal.

Na de lunch is er naast uiteenlopende parallelsessies een symposium van de Nederlandse Vereniging voor Gastrointestinale Chirurgie in het Auditorium en een minisymposium over voeding in de dagelijkse praktijk.

Om 17.00 uur vindt in de Brabantzaal de uitreiking plaats van de Frieda den Hartog Jager Prijs aan professor dr. J.H. Kleibeuker, die aansluitend een erevoordracht houdt getiteld *Pathogenese en preventie van colorectaal carcinoom: the continuing story*. Om 17.30 uur volgt de President Select, zoals gebruikelijk plenair, met om 18.00 uur de voordracht over translationeel onderzoek van gastspreker professor E.M. El-Omar, editor van GUT.

Op vrijdagochtend is na de ALV van de NVMDL weer veel ruimte voor vrije voordrachten van onder meer de Sectie Gastrointestinale Endoscopie en een klinisch NVH-symposium. Na de koffiepauze wordt in de Brabantzaal gerapporteerd over de resultaten van de PERK-studie met aansluitend aandacht voor de nieuwe richtlijn antistolling. In zaal 80 vindt het NESPEN symposium plaats. Gedurende de gehele vrijdag zijn er genodigde sprekers en vrije voordrachten van de DEGH.

Na de lunch volgt in de Brabantzaal een symposium over poliepen en CRC met het oog op het bevolkingsonderzoek, en wederom abstractsessies van NVGE/NVGIC, NVGE en IBD. In de Beneluxhal wordt door de Verpleegkundigen en Verzorgenden Nederland MDL (V&VN MDL) een eigen programma met lezingen verzorgd, met daarnaast een keuze uit verschillende subsessies.

Kortom, een gevarieerd en inspirerend programma.

Dr. J.J. Keller, secretaris

Dr. K. van der Linde, bestuurslid

Cursorisch onderwijs in maag-darm-leverziekten**Auditorium****Cursuscommissie**

Prof. dr. P.D. Siersema (voorzitter), MDL-arts, UMC Utrecht
 Mevr. dr. C.M. Bakker, MDL-arts, Atrium MC, Heerlen
 Prof. dr. U.H.W. Beuers, MDL-arts, AMC, Amsterdam
 Drs. M.P.J. van den Broek, AIOS MDL, LUMC, Leiden
 Dr. J. Heisterkamp, chirurg, St. Elisabeth Ziekenhuis, Tilburg
 Mevr. dr. A.M.J. Langers, MDL-arts, LUMC, Leiden
 Drs. M.C.P. Pennings, AIOS MDL, UMC St Radboud, Nijmegen
 Dr. B.J. Veldt, MDL-arts, Reinier de Graaf Gasthuis, Delft
 Dr. J. Vecht, MDL-arts, Isala Klinieken, Zwolle
 Dr. R.A. de Vries, MDL-arts, VUmc, Amsterdam
 Dr. P.J. Wahab, MDL-arts, Rijnstate Ziekenhuis, Arnhem

**Thema: Oncologie****Poliepen**

voorzitters: U.H.W. Beuers en P.D. Siersema

- | | |
|---------------|--|
| 14.15 – 14.30 | Opening en kennistoets |
| 14.30 – 14.50 | Niet invasieve CRC screeningstesten
<i>Dr. K.H.N. de Boer, MDL-arts, VU medisch centrum, Amsterdam</i> |
| 14.50 – 15.20 | Hoe verricht ik een goede coloscopie en hoe kan ik mijn poliepdetectie verhogen?
<i>Prof. dr. E. Dekker, MDL-arts, AMC, Amsterdam</i> |
| 15.20 – 15.40 | Een serrated adenoma! Wat betekent dat eigenlijk?
<i>Dr. S. Sanduleanu, MDL-arts, MUMC, Maastricht</i> |
| 15.40 – 16.00 | Hoe ga ik om met een "grote" (≥ 2 cm) poliep?
<i>Dr. J. Hardwick, MDL-arts, Leids Universitair Medisch Centrum</i> |

Colorectaal carcinoom

- | | |
|---------------|---|
| 16.00 – 16.20 | Wanneer moet ik denken aan een erfelijke darmtumor en wat betekent dat voor de patiënt en de familie?
<i>Dr. F.M. Nagengast, MDL-arts, Radboudumc Nijmegen</i> |
|---------------|---|

Woensdag 19 maart 2014

Cursorisch onderwijs in maag-darm-leverziekten

Auditorium

- | | |
|---------------|--|
| 16.20 – 16.40 | Hoe voorkom ik IBD- en IBD-medicatie gerelateerde carcinomen
<i>Dr. B. Oldenburg, MDL-arts, UMC Utrecht</i> |
| 16.40 – 17.10 | Pauze |
| 17.10 – 17.40 | Rol van pathologisch onderzoek bij de keuze van chemo-
therapeutische behandeling van CRC
<i>Prof. dr. C.J.A. Punt, medisch oncoloog, AMC, Amsterdam</i> |
| 17.40 – 18.05 | De chirurgische en endoscopische behandeling van CRC en
complicaties, en hoe licht ik mijn patiënt voor?
<i>Dr. W.J.H.J. Meijerink, chirurg, VU medisch centrum, Amsterdam</i> |

Potpourri

- | | |
|---------------|--|
| 18.05 – 18.35 | Hobbels en bobbels in het maagdarmkanaal: NET en GIST
<i>Dr. H.M. van Dullemen, MDL-arts, UMC Groningen</i> |
| 18.35 – 18.55 | Wat is de rol van de MDL-arts bij lymfomen van het
maagdarmkanaal
<i>Dr. H. Boot, MDL-arts, Antoni van Leeuwenhoekhuis, Amsterdam</i> |
| 18.55 – 19.15 | Help, een tumor van het periampullaire gebied: hoe pak ik dat aan
als MDL-arts?
<i>Dr. J.W. Poley, MDL-arts, Erasmus MC, Rotterdam</i> |
| 19.15 | Einde programma |
| 19.15 – 20.45 | Diner |

De cursuscommissie verwacht van de MDL-artsen i.o. dat ze de Cursus Klinische Hepatologie(NVH) tijdens de Dutch Liver Week éénmaal bezoeken in het tweede deel van de MDL-opleiding (jaar vier tot zes).

Op het cursorisch onderwijs zijn conform de eisen van het Centraal Register Kort Beroepsonderwijs leveringsvoorwaarden van toepassing. Informatie vindt u op de onderwijspagina van www.mdl.nl en www.nvge.nl.

Programma donderdag 20 maart 2014

Donderdag	Brabantzaal	Baroniezaal	Auditorium	Parkzaal
09.00	Ontvangst en koffie	Ontvangst en koffie	Vrije voordrachten Ned. Vereniging voor Gastrointestinale Chirurgie (aanvang 09.30)	Ontvangst en koffie
10.00 - 11.30	Vrije voordrachten Ned. Vereniging voor Gastroenterologie pagina 10	DEGH-meeting (aanvang 10.30 uur) pagina 22	pagina 18	Multidisciplinair symposium Darmfalen (aanvang 09.30) pagina 26
11.30 - 12.00	Ledenvergadering NVGE		Geen programma i.v.m. Ledenvergadering NVGE	Geen programma i.v.m. Ledenvergadering NVGE
12.00 - 13.00	Lunch in expositiehal	Lunch in expositiehal	Lunch in expositiehal	Lunch in expositiehal
13.00 - 15.00	Vrije voordrachten sectie Gastrointestinale Oncologie pagina 12	DEGH-meeting pagina 23	Symposium NVGIC: 'Van anussparende chirurgie tot rectumsparende endoscopie' pagina 20	Vrije voordrachten sectie Inflammatoire Darmziekten pagina 27
15.00 - 15.30	Theepauze	Theepauze + ALV NVH	Theepauze	Theepauze
15.30 - 17.00	Vrije voordrachten Nederlandse Vereniging voor Gastroenterologie pagina 14	DEGH-meeting pagina 24	Symposium NVGIC: 'Uitkomsten en transparantie van de colorectale diagnostiek en chirurgie' pagina 20	Minisymposium: 'Update Voeding in de dagelijkse praktijk' pagina 30
17.00 - 17.30	Uitreiking Frieda den Hartog-Jager Prijs aan prof. dr. J.H. Kleibeuker pagina 16			
17.30 - 18.00	President Select pagina 16			
18.00 - 18.30	State of the art lecture Professor E.M. El-Omar – Aberdeen University, UK pagina 17			
18.30 - 19.30	Borrel in expositiehal			
19.30 - 22.00	Diner Genderzaal			
22.00 - 01.00	Borrel / Muziek in foyer			

Vrijdag 21 maart 2014

Vrijdag	Brabantzaal	Baroniezaal	Auditorium	Parkzaal
08.30		Posterrondes zaal 19 en 20 (aanvang 09.00)		
09.30 – 11.00	Vrije voordrachten sectie Gastrointestinale Endoscopie pagina 31	Symposium Ned. Vereniging voor Hepatologie pagina 40	Vrije voordrachten Ned. Vereniging voor Gastroenterologie en Gastrointestinale pagina 35	Vrije voordrachten Ned. Vereniging voor Gastroenterologie en sectie Inflammatoire Darmziekten pagina 48
11.00 - 11.30	Koffiepauze	Koffiepauze	Koffiepauze	Koffiepauze
11.30 - 13.00	Symposium PERK studie en Richtlijn Antistolling pagina 33	DEGH-meeting pagina 45	Vrije voordrachten Ned. Vereniging voor Gastroenterologie pagina 36	Vrije voordrachten Sectie Inflammatoire Darmziekten pagina 49
13.00 – 14.00	Lunch expositiehal	Lunch expositiehal	Lunch expositiehal	Lunch expositiehal
14.00 – 15.30	Symposium: CRC Bevolkingsonderzoek pagina 34	DEGH-meeting pagina 45 Abstract and Poster Prizes and goodbye pagina 47	Vrije voordrachten Ned. Vereniging voor Gastroenterologie en Gastrointestinale Chirurgie -pagina 48	Geen programma in deze zaal in de middag
15.30 – 16.00	Afsluiting in expositiehal		Afsluiting in expositiehal	

Vrijdag 21 maart 2014 - programma V&VN MDL en NESPEN

Vrijdag	Beneluxhal	Zaal 63	Zaal 64	Zaal 80
10.00 – 12.15	Plenair ochtendprogramma V&VN MDL pagina 55			Voordrachten NESPEN, om 10.00. gevolgd door Symposium 'klinisch voedingsonderzoek' pagina 52-53
12.15	Lunch in expo			Lunchbuffet 13.30
13.45 – 15.15	Parallel programma Endoscopie-verpleegkundigen pagina 55	Parallel programma Lever- en IBD-verpleegkundigen pagina 56	Parallel programma Voedingsverpleegkundigen en MDL pagina 56	Geen programma in deze zaal in de middag
15.15	Einde programma	Einde programma	Einde programma	

Donderdag 20 maart 2014

Voordrachten Nederlandse Vereniging voor Gastroenterologie

Brabantzaal

Voorzitters: E.J. Schoon en V.M.C.W. Spaander

Voordrachten in het Nederlands, spreektijd 7 minuten, discussietijd 3 minuten

- 10.00 Introductie voorzitter(s) op het programma
- 10.10 Cost effectiveness of Barrett's esophagus surveillance in a prospective followed cohort in the Netherlands (p. 57) 114
S.H. van Olphen¹, F. Kastelein¹, E.W. Steyerberg², C.W.N. Looman², M.C.W. Spaander¹, M.J. Bruno¹, E.W. Bek⁶⁸ Grob² on behalf of the ProBar study group, ¹Dept of Gastroenterology and Hepatology, Erasmus University Medical Center Rotterdam, The Netherlands, ²Dept of Public Health, Erasmus University Medical Center Rotterdam, The Netherlands
- 10.20 Does use of NSAIDs, statins and proton pump inhibitors prevent development of 43 phageal adenocarcinoma among patients with Barrett's esophagus? Results from a multinational population based case control study (p. 58) 43
G.M.C. Masclee^{1,2}, P.M. Coloma¹, E.J. Kuipers², M.C.J.M. Sturkenboom^{1,3}, ¹Dept of Medical Informatics, Erasmus University Medical Center, Rotterdam, The Netherlands, ²Dept of Gastroenterology and Hepatology, Erasmus University Medical Center, Rotterdam, The Netherlands, ³Dept of Epidemiology, Erasmus University Medical Center, Rotterdam, The Netherlands.
- 10.30 FISH Biomarkers for the Detection of Dysplasia and Prediction of Malignant Progression in Non dysplastic Barrett's Esophagus (3159)
M.R. Timmer^{1, 2}; C.T.I. Lau²; W. Rosmolen¹; S.L. Meijer³; M.G.W. Dijkgraaf⁴; R.C. Mallant Hent⁵; A.H. Naber⁶; A.H. van Oije¹⁹ L.C. Baak⁸; P. Scholten⁹; C. Böhmer¹⁰; P. Fockens¹; J.J. Bergman¹; K.K. 19hnadath^{1,2}, ¹Dept of Gastroenterology and Hepatology, Academic Medical Center, Amsterdam, Center for Experimental and Molecular Medicine, Academic Med 18 Center, Amsterdam, ³Dept of Pathology, Academic Medical Center, Amsterdam, Netherlands. ⁴Clinical Research Unit, Academic Medical Center, Amsterdam, ⁵Dept. of Gastroenterology, Flevoziekenhuis, Almere, Netherlands. ⁶Dept. of Gastroenterology, Tergooziekenhuizen, Hilversum, ⁷Dept. of Gastroenterology, Medisch Centrum Alkmaar, Alkmaar 18 Dept. of Gastroenterology, Onze Lieve Vrouwe Gasthuis, Amsterdam, ⁹Dept. of Gastroenterology, Sint Lucas Andreas Ziekenhuis, Amsterdam, Netherlands. ¹⁰Dept. of Gastroenterology, Spaarneziekenhuis, Hoofddorp, Netherlands.
- 10.40 SOX2 as a novel marker to predict neoplastic progression in Barrett's esophagus (p. 60)
S.H. van Olphen^{1, 2}, K. Biermann², F. Kastelein¹, B.E. Hansen¹, H.A. Stoop², M.C.W. Spaander¹, L.H.J. Looijenga², M.J. Bruno¹ on behalf of the ProBar study group, ¹ Dept of Gastroenterology and Hepatology, Erasmus University Medical Center Rotterdam, The Netherlands, ²Dept of Pathology, Erasmus University Medical Center Rotterdam, The Netherlands

Donderdag 20 maart 2014

- 10.50 The influence of prophylactic proton pump inhibitor treatment on the development of symptomatic marginal ulceration: a historic cohort study (p. 61)
U.K. Coblijn¹, S.M.M. de Castro¹, S.M. Lagarde², S.D. Kuiken³, B.A. van Wagenveld¹, ¹Sint Lucas Andreas Ziekenhuis, Dept of General Surgery, ²Academic Medical Center Amsterdam, Dept of General Surgery, ³Sint Lucas Andreas Ziekenhuis, Dept of Gastroenterology
- 11.00 **MLDS voordracht**
A prospective study on intake of meat and heme iron, nitrite, nitrate and nitrosamines as risk factors for adenocarcinoma of esophagus (EAC) and gastric cardia (GCA), esophageal squamous cell carcinoma (ESCC), and Barrett's esophagus (BE) (p. 62)
P.A. van den Brandt¹, A.P. Keszei¹, A.L.C. Driessen², C.J.R. Huysentruyt², Y.C.A. Keulemans³, R.A. Goldbohm⁴, L. Schouten¹, ¹School for Oncology and Developmental Biology (Grow), Dept of Epidemiology, Maastricht University, Maastricht, the Netherlands ²School for Oncology and Developmental Biology (Grow), Dept of Pathology, Maastricht University, Maastricht, The Netherlands ³Dept of Gastroenterology, Maastricht University Medical Centre, Maastricht, the Netherlands ⁴Dept of Prevention and Health, TNO Quality of Life, Leiden, The Netherlands
- 11.15 **MLDS voordracht**
Human buccal epithelium acquires microbial hyporesponsiveness at birth, a role for secretory leukocyte protease inhibitor (p. 63)
C.L. Menckeborg^{1,8}, J. Hol^{1,2,3,8}, L.F. de Ruiter^{1,2}, H.C. Raatgeep¹, Y. Simons Oosterhuis¹, D. J. Lindenberg Kortleve¹, A.M. Korteland van Male¹, S. El Aidy⁴, P.P.E. van Lierop¹, M. Kleerebezem⁴, M. Groeneweg⁵, G. Kraal⁶, B.E. Elink Schuurman², J.C. de Jongste², E.E.S. Nieuwenhuis^{1,7,8}, J.N. Samsom^{1,8} ¹Laboratory of Pediatrics, division of Gastroenterology and Nutrition, Erasmus MC, Rotterdam, The Netherlands ²Dept of Pulmonary diseases, Sophia Children's Hospital, Rotterdam, The Netherlands ³Dept of Pediatrics, University Hospital Ghent, Ghent, Belgium ⁴Laboratory of Microbiology and Host Microbe Interactomics Group, Wageningen University, Wageningen, The Netherlands ⁵Maasstad Hospital, Dept of Pediatrics, Rotterdam, The Netherlands ⁶Dept of Molecular Cell Biology and Immunology, VU University Medical Center, Amsterdam, The Netherlands ⁷Wilhelmina Children's Hospital, Utrecht, The Netherlands ⁸Authors have equally contributed
- 11.30 Korte ledenvergadering Nederlandse Vereniging voor Gastroenterologie
- 12.00 Lunch in expositiehal

Donderdag 20 maart 2014

Vrije voordrachten Sectie Gastrointestinale Oncologie

Brabantzaal

Voorzitters: G.H. de Groot en K.M.A.J. Tytgat

Voordrachten in het Nederlands, spreektijd 7 minuten, discussietijd 3 minuten

- 13.00 Inleiding op de sessie door de voorzitter
- 13.10 Impact of neoadjuvant chemoradiotherapy on prognostic factors for survival in patients with esophageal or junctional cancer (p. 64)
J. Shapiro¹, H.F. Lingsma², P. van Hagen¹, A.K. Talsma¹, B.P.L. Wijnhoven¹, E.W. Steyerberg², A. v. der Gaast³, J.J.B. van Lanschot¹, On behalf of the CROSS Study Group, ¹Dept of Surgery, ²Dept of Public Health, ³Dept of Med Oncology, Erasmus MC, University Medical Center, Rotterdam, The Netherlands
- 13.20 Palliative care of esophageal cancer in the Netherlands: determinants associated with treatment decisions (p. 65)
J.L. Opstelten¹, L.R. de Wijkerslooth², M. Leenders¹, D.J. Bac³, M.A. Brink², B.C.A.J. Loffeld⁴, M.J.F. Bult⁵, I.M. Minderhoud⁶, M.A.M.T. Verhagen⁷, M.G.H. van Oijen¹, P.D. Siersema¹, ¹University Medical Center Utrecht, Utrecht, ²Meander Medical Center, Amersfoort, ³Hospital Gelderse Vallei, Ede, ⁴Zuwe Hofpoort Hospital, Woerden, ⁵St Jansdal Hospital, Harderwijk, ⁶Tergooi Hospitals, Hilversum/Blaricum, ⁷Diakonessenhuis, Utrecht/Zeist, The Netherlands
- 13.30 GATA6 expression in Barrett's metaplasia development and progression towards malignancy (p. 66)
K. Pavlov¹, H. Judith², C. Meijer³, W. Boersma¹, J. Peters¹, A. van den Berg⁴, A. Karrenbeld⁴, J.T.M. Plukker², F.A.E. Kruijs³, J.H. Kleibeuker¹, ¹Dept of Gastroenterology and Hepatology, ²Dept of Surgical Oncology, ³Dept of Medical Oncology, ⁴Dept of Pathology, University of Groningen, University Medical Center Groningen, Groningen, The Netherlands
- 13.40 Clinicopathological characteristics of pancreatic resection specimens of inherited / familial versus sporadic pancreatic ductal adenocarcinoma (p. 67)
F. Harinck¹, F. Boersma¹, I. Konings¹, P. Fockens², J.E. van Hooft², M. Dijkgraaf³, W.N. Dinjens⁴, K. Biermann⁴, M.J. Bruno¹, ¹Dept of Gastroenterology and Hepatology, Erasmus MC, Rotterdam, ²Dept of Gastroenterology and Hepatology, and ³Clinical Research Unit, Academic Medical Center, Amsterdam, ⁴Dept of Pathology, Erasmus MC, Rotterdam, The Netherlands
- 13.50 Psychological burden of repeated pancreatic surveillance in high risk individuals for pancreatic cancer (p. 68)
I.C.A.W. Konings¹, G.N. Sidharta², F. Harinck¹, C. Aalfs³, E. Smel⁴, J.W. Poley¹, A. Wagner⁵, J.E. van Hooft⁶, A. van Rens⁷, P. Fockens⁶, M.J. Bruno¹, E.M.A. Bleiker^{2,7}, On behalf of the Dutch research group on pancreatic cancer surveillance in high risk individuals, ¹Dept of Gastroenterology and Hepatology, Erasmus MC, University Medical Center, Rotterdam, ²Division of Psychosocial Research and Epidemiology, The Netherlands Cancer Institute, Antoni van Leeuwenhoek Hospital, Amsterdam, ³Dept of Clinical Genetics, and ⁴Dept of Medical Psychology, Amsterdam Medical Center, University Medical Center, Amsterdam, ⁵Dept of Clinical Genetics, Erasmus MC, University Medical Center, Rotterdam, ⁶Dept of Gastroenterology and Hepatology, Amsterdam Medical Center, University Medical Center Amsterdam, ⁷Family Cancer Clinic, The Netherlands Cancer Institute, Antoni van Leeuwenhoek, Amsterdam, The Netherlands

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- 14.00 Structural variant breakpoint detection in advanced colorectal cancer (p. 69)
E. van den Broek¹, O. Krijgsman¹, D. Sie¹, J.C. Haan¹, M. Komor¹, J. Traets¹, D.A.M. Heideman¹, M.A. van de Wief², I.D. Nagtegaal³, C.J.A. Punt⁴, B. Carvalho¹, B. Ylstra¹, G.A. Meijer¹, R.J.A. Fijneman¹,
¹Dept of Pathology, and ²Dept of Epidemiology and Biostatistics, VU University Medical Center, Amsterdam, ³Dept of Pathology, Radboud University, Nijmegen Medical Center, Nijmegen, ⁴Dept of Medical Oncology, Academic Medical Center, Amsterdam, The Netherlands
- 14.10 Feasibility of adjuvant laparoscopic hyperthermic intraperitoneal chemotherapy in a short stay setting in patients with colorectal cancer at high risk of peritoneal carcinomatosis (p. 70)
D.A.M. Sloothaak²³, J. Gardenbroek¹, J. Crezee³, W.A. Bemelman¹, C.J.A. Punt², C.J. Buskens¹, P.J. Tanis¹, ¹Dept of Surgery, ²Dept of Medical Oncology, and ³Dept of Radiation Oncology, Academic Medical Center, Amsterdam, The Netherlands
- 14.20 Urological procedures in patients with peritoneal carcinomatosis of colorectal cancer treated with HIPEC: Morbidity and survival analysis (p. 71)
H.J. Braam¹, T.R. van Oudheusden², I.H. de Hingh², S.W. Nienhuijs², D. Boerma¹, M.J. Wiezer¹, B. van Ramshorst¹, ¹Dept of Surgery, St. Antonius Hospital, Nieuwegein, ²Dept of Surgery, Catharina Hospital, Eindhoven, The Netherlands
- 14.30 Cytoreduction and hyperthermic intraperitoneal chemotherapy: a feasible and effective option for colorectal cancer patients after emergency surgery in the presence of peritoneal carcinomatosis (p. 72)
T.R. van Oudheusden¹, H.J. Braam², S.W. Nienhuijs¹, M.J. Wiezer², B. van Ramshorst², M.D.P. Luyer¹, I.H.J.T. de Hingh¹, ¹Dept of Oncologic Surgery, Catharina Hospital, Eindhoven, ²Dept of Surgery, St. Antonius Hospital, Nieuwegein, The Netherlands
- 14.40 Oncological follow up of the Stent-In 2 trial: cancer recurrence after curative treatment of malignant colonic obstruction (p. 73)
D.A. Sloothaak¹, M.W. van den Berg², M.G. Dijkgraaf^{3,4}, P. Fockens^{2,4}, P.J. Tanis^{1,4}, J.E. van Hooft^{2,4}, W.A. Bemelman^{1,4}, ¹Dept of Surgery, ²Dept of Gastroenterology and Hepatology, and ³Clinical Research Unit, Academic Medical Center, Amsterdam, ⁴Stent-In study group, collaborative Dutch Stent-In study group, Amsterdam, The Netherlands
- 14.50 Metachronous colorectal cancers: the clinician at fault? (p. 74)
¹¹⁷C. le Clercq¹, C.M. Bakker², A. van Nunen², E.T.P. Keulen³, G.L. Beets⁴, B. Winkens⁵, A.A.M. Masclee¹, S. Sanduleanu¹, ¹Dept of Gastroenterology and Hepatology, Internal Medicine, Maastricht University Medical Center, Maastricht, ²Dept of Gastroenterology, Atrium Medical Center, Heerlen, ³Dept of Internal Medicine and Gastroenterology, Orbis Medical Center, Sittard, ⁴Dept of Surgery, and ⁵Dept of Methodology and Statistics, Maastricht University Medical Center, Maastricht, The Netherlands
- 15.00 Theepauze in de expositiehal

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Voordrachten Nederlandse Vereniging voor Gastroenterologie

Brabantzaal

Voorzitters: M. van Haastert en L.M.G. Moons

Voordrachten in het Nederlands, spreektijd 7 minuten, discussietijd 3 minuten

15.30 Inleiding op het programma door L.M.G. Moons

15.40 ⁷⁵ Computer assisted instruction before colonoscopy is as effective as nurse counselling, a controlled trial (p. 75)

G. Veldhuijzen¹, M. Klemm-Kropp¹, C.G. Noomen¹, T. van der Ploeg², J.P.H. Drenth³, ¹Dept of Gastroenterology and Hepatology, Medical Centre Alkmaar, Alkmaar, The Netherlands, ²Foreest Medical School, Medical Centre Alkmaar, Alkmaar, The Netherlands, ³Dept of Gastroenterology and Hepatology, Radboud University Medical Centre, Nijmegen, the Netherlands

15.50 Implementing chromoendoscopy for surveillance in inflammatory bowel disease does not increase dysplasia detection compared to conventional colonoscopy with random biopsies: a retrospective study (p. 76)

E. Mooiweer¹, A.E. van der Meulen-de Jong², E. Dekker³, C.Y. Ponsioen³, H.H. Fidder¹, P.D. Siersema¹, B. Oldenburg¹, ¹ University Medical Center Utrecht, Dept of Gastroenterology and Hepatology² Leiden University Medical Center, Dept of Gastroenterology and Hepatology³ Amsterdam Medical Center, Dept of Gastroenterology and Hepatology

16.00 ¹⁴ Low inter-observer agreement among endoscopist in differentiating dysplastic from non-dysplastic lesions encountered during colitis surveillance (p. 77)

L.K. Wanders¹, ⁴⁹ Mooiweer², P.D. Siersema², R. Bisschops³, G.R.A.M. d'Haens¹, B. Oldenburg², E. Dekker¹, ⁴⁹ Dept of Gastroenterology and Hepatology, Academic Medical Centre, Amsterdam, Netherlands ²Dept of Gastroenterology and Hepatology, University Medical Center Utrecht, Utrecht, Netherlands ³Dept of Medicine, Division of Gastroenterology, University Hospital Leuven, Leuven, Belgium

16.10 ² Decreased colorectal cancer risk in Dutch ulcerative colitis patients: results from a population based cohort (p. 78)

T.R.A. van den Heuvel^{1,2}, M.H.H. Wassink¹, S.F.G. Jeuring^{1,2}, C.M.D. Glorie², L.E. Oostenbrug³, M.J.L. Romberg-Camps⁴, W.H. Hammetman¹, A.A.M. Masclee^{1,2}, D.M.A.E. Jonkers^{1,2}, M.J. Pierik^{1,2}, ¹Maastricht University Medical Center+, Dept of Internal Medicine, Division of Gastroenterology-Hepatology, Maastricht, The Netherlands. ²Maastricht University Medical Center+, NUTRIM School for Nutrition, Toxicology and Metabolism, Maastricht, The Netherlands. ²⁴ Atrium Medical Center, Dept of Internal Medicine, Heerlen, The Netherlands. ⁴Orbis Medical Center, Dept of Internal Medicine, Sittard-Geleen, The Netherlands.

16.20 Incidence of interval colorectal cancer among inflammatory bowel disease patients enrolled in a colonoscopic surveillance program (p. 79)

W. Kremer¹, E. Mooiweer¹, A.E. van der Meulen – de Jong², C.Y. Ponsioen³, C.J. van der Woude⁴, A.A. van Bodegraven⁵, J.M. Jansen⁶, N. Mahmood⁷, P.D. Siersema¹, B. Oldenburg¹, ¹ University Medical Center Utrecht, Dept of Gastroenterology and Hepatology ²Leiden University Medical Center, Dept of Gastroenterology and Hepatology ³Amsterdam Medical Center, Dept of Gastroenterology and

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Hepatology ⁴Erasmus Medical Center Rotterdam, Dept of Gastroenterology and Hepatology ⁵VU Medical Center Amsterdam, Dept of Gastroenterology and Hepatology ⁶OLVG Amsterdam, Dept of Gastroenterology and Hepatology ⁷St Antonius Hospital Nieuwegein, Dept of Gastroenterology and Hepatology

16.30

¹
Faecal calprotectine does not differentiate between IBD and a juvenile polyp (p. 80)

V.G. Pluimakers¹, F.T.M. Kokke¹, P.G.J. Nikkels², M.L. Houben³, R.H.J. Houwen¹, V.M. Wolters¹, ¹WKZ/UMC Utrecht, Dept of pediatric gastroenterology ²UMC Utrecht, Dept of Pathology ³WKZ/UMC Utrecht, Dept of General Pediatrics

16.40

³
Fecal immunochemical testing results vary depending on characteristics of colonic lesions (p. 81)

S.C. van Doorn¹; I. Stegeman²; A.K. Stroobants³, M.W. Mundt⁴, T.R. de Wijkerslooth¹³, Fockens¹; E.J. Kuipers⁵, P.M. Bossuyt²; E. Dekker¹, ¹Dept ⁷⁰Gastroenterology and Hepatology, Academic Medical Centre, Amsterdam, Netherlands. ²Dept of Clinical Epidemiology, Biostatistics and Bioinformatics ¹⁷Academic Medical Center, Amsterdam, Netherlands. ³Dept of Clinical Chemistry. ⁴Dept of Gastroenterology and Hepatology, Flevoziekenhuis Almere. ⁵Erasmus Medical Center, Rotterdam, the Netherlands

16.50

Synchronous/metachronous neoplasms predict the presence of lateral spreading tumors (p. 82)

R.M.M. Bogie¹, C.M.C. le Clercq¹, M.W.E. Bouwens¹, B. Winkens², R. de Ridder¹, T. Kaltenbach³, R. Soetikno³, A.A.M. Masclee¹, S. Sanduleanu¹, ¹Division of Gastroenterology and Hepatology; Maastricht University Medical Center, The Netherlands, ²Dept of Methodology and Statistics, Maastricht University Medical Center, the Netherlands, ³VA Healthcare System, Palo Alto, Stanford School of Medicine, USA

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Prijsuitreiking

Brabantzaal

Voorzitter: P.D. Siersema

- 17.00 **Uitreiking van de Frieda den Hartog Jager Prijs**
gevolgd door erevoordracht: "Pathogenese en preventie van colorectaal
carcinoom: the continuing story"
*Prof. dr. J.H. Kleibeuker, MDL-arts, Universitair Medisch Centrum
Groningen*

Voordrachten President Select

Brabantzaal

Voorzitter: P.D. Siersema

Voordrachten in het Nederlands, spreektijd 7 minuten, discussietijd 3 minuten

- 17.30 Experience in over 150 patients with the EndoBarrier® / duodenal jejunal
bypass liner (p. 83)

*B. Betzel¹, P. Koehestanie¹, K. Dogan¹, J. Homan¹, E.O. Aarts¹, I.M.C. Janssen¹, F.J. Berends¹, P.J.
Wahab², M.J.M. Groenen², Dept of Surgery¹ and Gastroenterology², Rijnstate Hospital the Netherlands*

- 17.40 Long-term outcome of low perianal fistulas treated by fistulotomy (p. 84)

*P.T.J. Janssen¹, K. Göttgens¹, J. Heemskerk², F. van Dijk^{1,3}, J. Konsten⁴, T. Lettinga⁵, T. Hoofwijk⁶, J.L.
Beets¹, L.P.S. Stassen¹, S.O. Bink¹, ¹Dept of Surgery, Maastricht University Medical Center,
Maastricht, The Netherlands, ²Dept of Surgery, Laurentius Hospital, Roermond, The Netherlands, ³Dept
of Surgery, Maastricht University Medical Center, Veldhoven, The Netherlands, ⁴Dept of Surgery, VieCuri, Medical
Center, Venlo, The Netherlands, ⁵Dept of Surgery, St. Jans Gasthuis, Weert, The Netherlands, ⁶Dept of
Surgery, Orbis Medical Center, Sittard, The Netherlands*

- 17.50 Genome-wide association study in autoimmune hepatitis identifies risk
variant in the SH2B3 region (p. 85)

*Y.S. de Boer^{1,8}, N.M.F. van Gerven^{1,8}, A. Zwieters^{1,2}, B. Verwer¹, B. van Hoek³, K. J. van Erpecum⁴,
U.H.W. Beuers⁵, H.R. van Buuren⁶, J.P.H. Drenth⁷, J.W. den Ouden⁸, R.C. Verdonk^{9,10}, G.H. Koek¹¹,
J.T. Brouwer¹², M.M.J. Guichelaar¹³, J.M. Vrolijk¹⁴, G. Kraaij², C. J.J. Mulder¹, C.M.J. van Nieuwkerk¹,
J. Fischer¹⁵, T. Berg¹⁵, F. Stickel¹⁶, C. Sarrazin¹⁷, C. Schramm¹⁸, A.W. Lohse¹⁸, C. Weiler-Normann¹⁸,
M.M. Lerch¹⁹, M. Nauck²⁰, H. Völzke²¹, G. Homuth²², E. Bloemena²³, V. Kumar²⁴, A. Zhernakova²⁴, C.
Wijmenga²⁴, L. Franke^{24,8}, G. Bouma^{1,2,8}; The Dutch Autoimmune Hepatitis Study Group, The LifeLines
Cohort study, ⁶⁵ Study of Health in Pomerania (SHIP) # These authors contributed equally to this
manuscript, ⁸ These authors contributed equally to this manuscript, ¹Dept of ²⁶ Gastroenterology and
Hepatology, VU University Medical Center, Amsterdam, The Netherlands ²Dept of Molecular Cell Biology
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and Hepatology, Leiden University Medical Center, Leiden, The Netherlands ⁴Dept of Gastroenterology
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and Hepatology, Radboud University Nijmegen Medical Center, Nijmegen, the Netherlands ⁸Dept of
Gastroenterology and Hepatology, Haga Hospital, The Hague, The Netherlands ⁹University of Groningen*

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University Medical Center Groningen, Dept of Gastroenterology and Hepatology, Groningen, The Netherlands ¹⁰Dept of Gastroenterology and Hepatology, St Antonius Hospital Nieuwegein, Nieuwegein, The Netherlands ¹¹Dept of Gastroenterology and Hepatology, University Medical Center Maastricht, Maastricht, The Netherlands ¹²Dept of Gastroenterology and Hepatology, Reinier de Graaf Hospital, Delft, The Netherlands ¹³Dept of Gastroenterology and Hepatology, Medisch Spectrum Twente, Enschede, The Netherlands ¹⁴Dept of Gastroenterology and Hepatology, Rijnstate Hospital, Arnhem, The Netherlands ¹⁵Dept of Internal Medicine, Neurology and Dermatology, Medical Clinic of Gastroenterology and Rheumatology, Section of Hepatology, University Hospital Leipzig, Leipzig, Germany ¹⁶Dept of Visceral Surgery and Medicine, Inselspital, University of Bern, Bern, Switzerland ¹⁷Dept of Medicine I, University of Frankfurt/M., Frankfurt, Germany ¹⁸Dept of Medicine, University Medical Center Hamburg-Eppendorf, Hamburg, Germany ¹⁹Dept of Internal Medicine A, University Medicine Greifswald, Greifswald, Germany ²⁰Institute of Clinical Chemistry and Laboratory Medicine, University Medicine Greifswald, Greifswald, Germany ²¹Institute for Community Medicine, University Medicine Greifswald, Greifswald, Germany ²²Interfaculty Institute for Genetics and Functional Genomics, University Medicine and Ernst-Moritz-Arndt-University Greifswald, Greifswald, Germany ²³Dept of Pathology, VU University Medical Center, Amsterdam, The Netherlands ²⁴University of Groningen, University Medical Center Groningen, Dept of Genetics, Groningen, The Netherlands

State of the art lecture

Brabantzaal

Voorzitter: P.D. Siersema

- 18.00 **Challenges of Translational GI Research**
Prof. dr. E.M. El-Omar, professor of Gastroenterology
Institute of Medical Sciences, Aberdeen University, U.K.
- 18.30 Einde programma, congresborrel in expositiehal.

Donderdag 20 maart 2014

Nederlandse Vereniging voor Gastrointestinale Chirurgie

Auditorium

Voorzitter: F. Daams en J. Heisterkamp

Voordrachten in het Nederlands, spreektijd 7 minuten, discussietijd 3 minuten

- 09.30 In vivo spectroscopy on tissues encountered during colorectal surgery (p. 86)
R.M. Schols^{1,2}, L. Alic², G.L. Beets¹, S.O. Breukink¹, F.P. Wieringa², L.P.S. Stassen¹, ¹Dept of Surgery, Maastricht University Medical Center & NUTRIM School for Nutrition, Toxicology and Metabolism, Maastricht University, Maastricht, ²van 't Hoff Program on Medical Photonics, Netherlands Organization for Applied Scientific Research TNO, Eindhoven, The Netherlands
- 09.40 The use of endoretractor during laparoscopic colorectal surgery; a new solution? pilot study (p. 87)
J.S. Pawiroredjo¹, N. Rijkers¹, A.B. Smits¹, ¹Sint Antonius Ziekenhuis, Nieuwegein, The Netherlands
- 09.50 Analysis of open-close HIPEC-procedure patients in peritoneal metastasis of colorectal origin (p. 88)
T.R. van Oudheusden¹, H.J. Braam², S.W. Nienhuijs¹, M.J. Wiezer², B. van Ramshorst², M.D.P. Luyer¹, I.H.J.T. de Hingh¹, ¹Dept of Surgery, Catharina Hospital, Eindhoven, ²Dept of Surgery, St. Antonius Hospital, Nieuwegein, The Netherlands
- 10.00 Transanal versus traditional laparoscopic total mesorectal excision for rectal carcinoma A matched case control study (p. 89)
S. Velthuis¹, D.H. Nieuwenhuis¹, T.E.G. Ruijter², M.A. Cuesta¹, H.J. Bonjer¹, C. Sietses¹, ¹Dept of Surgery, Gelderse Vallei Hospital, Ede, ²Dept of Surgery, VU Medical Center, Amsterdam, ³Dept of Pathology, Rijnstate Hospital, Arnhem, The Netherlands
- 10.10 Management of major perineal wound complications after abdominoperineal resection for malignant disease. A retrospective cohort study (p. 90)
M.S. Walma¹, J.P.M. Burb³, P.M. Verheijen², R. van Hillegersberg¹, A. Pronk³, W.M.U. van Grevenstein¹, ¹University Medical Center Utrecht, Utrecht, ²Meander Medical Center, Amersfoort, ³Diakonessenhuis, Utrecht, The Netherlands
- 10.20 The detrimental effect of diclofenac on intestinal anastomotic healing depends on the location in the gut (p. 91)
S.T.K. Yauw¹, R.M.L.M. Lomme¹, R.J. van der Vijver¹, T. Hendriks¹, H. van Goor¹, ¹Dept of Surgery, Radboud University Medical Center, Nijmegen, The Netherlands
- 10.30 Defunctioning ileostomy does not prevent anastomotic leaks after restorative proctocolectomy; a multicenter evaluation of clinical and surgical risk factors (p. 92)
S. Sahami¹, C.J. Buskens¹, R. Lindeboom², T. Young Fadok³, A. de Buck van Overstraeten⁴, A. D'Hooze⁴, W.A. Bemelman¹, ¹Dept of Surgery, Academic Medical Center, Amsterdam, ²Divisions of Clinical Methods and Public Health, Academic Medical Center, Amsterdam, The Netherlands, ³Dept of Surgery, Mayo Clinic College of Medicine, Arizona, USA, ⁴Dept of Surgery, University Hospitals Leuven,

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- 10.40 The course of pulmonary vagus nerve branches (p. 93)
T.J. Weijs¹, J.P. Ruurda², M.D.P. Luyer³, G.A.P. Nieuwenhuijzen³, R. van Hillegersberg², R.L.A.W. Bleys¹, ¹Dept of Anatomy, and ²Dept of Surgical Oncology, University Medical Center Utrecht, Utrecht, ³Dept of Surgery, Catharina Hospital Eindhoven, Eindhoven, The Netherlands
- 10.50 Near-infrared fluorescence sentinel lymph node detection in gastric cancer using indocyanine green coupled to a nanocolloid (p. 94)
Q.R.J.G. Tummers¹, L.S.F. Boogerd¹, F.P. Verbeek¹, M.C. Boonstra¹, H.J.M. Handgraaf¹, H.H. Hartgring¹, W.O. de Steur¹, J.V. Frangioni^{2,3}, C.J.H. van de Velde¹, A.L. Vahrmeijer¹, ¹Dept of Surgery, ²Leiden University Medical Center, Leiden, The Netherlands, ³Dept of Medicine, and ³Dept of Radiology, Beth Israel Deaconess Medical Center, Boston, USA
- 11.00 Worldwide trends in surgical techniques in the treatment of esophageal cancer (p. 95)
L. Haverkamp¹, J.P. Ruurda¹, J. Boone², R. van Hillegersberg¹, ¹University Medical Center Utrecht, Utrecht, The Netherlands
- 11.10 Thoracolaparoscopic dissection of lymph nodes involved in the drainage of the esophagus is feasible and safe in human cadavers and swine (p. 96)
H.T. Künzli^{1,4}, M.I. van Berge Henegouwen⁵, S.S. Gisbertz⁵, M.J. Wiezer², C.A. Seldenrijk³, J.J.G.H.M. Bergman⁴, B.L.A.M. Weusten^{1,4}, ¹Dept of Gastroenterology, ²Dept of Surgery, ³Dept of Pathology, St. Antonius Hospital, Nieuwegein, ⁴Dept of Gastroenterology, and ⁵Dept of Surgery, Academic Medical Center, Amsterdam, The Netherlands
- 11.20 Effect of perioperatively administered glucocorticoids on pulmonary complications after transthoracic oesophagectomy. A meta-analysis (p. 97)
T.J. Weijs¹, J.M. Dieleman², J.P. Ruurda¹, A.C. Kroese², H.J.T.A. Buijs², R. van Hillegersberg¹, ¹Dept of Surgical Oncology, Surgery, ²Dept of Anaesthesiology, Intensive Care and Emergency Medicine, University Medical Center Utrecht, Utrecht, The Netherlands
- 11.30 Ledenvergadering Nederlandse Vereniging voor Gastroenterologie in de Brabantzaal
- 12.00 Lunchbuffet in de expositiehal

Donderdag 20 maart 2014

Symposium Ned. Vereniging voor Gastrointestinale Chirurgie

Auditorium

Voorzitters: E. Dekker en C. Hoff

Van anussparende chirurgie tot rectumsparende endoscopie

In tegenstelling tot de aankondiging in het eerder toegezonden programma zullen de uitkomsten van de TREND studie niet gepresenteerd worden.

- 13.00 TAMIS
Dr. C. Sietses, chirurg, Ziekenhuis Gelderse Vallei, Ede
- 13.20 ⁵⁹TEM voor en na chemoradiatie
Prof. dr. J.H.W. de Wilt, chirurg, Radboudumc, Nijmegen
- 13.40 Maatwerk in de preoperatieve radiatie bij het rectumcarcinoom
Radiotherapeut, namens de richtlijnwerkgroep
- 14.00 TEM vs endoscopische poliepectomie: een literatuur overzicht
J.W.A. Leijten, chirurg, Laurentius Ziekenhuis, Roermond
- 14.20 Discussie
- 14.30 Innovations in colorectal surgery round 1 (room 82 + 83)
- 15.00 Theepauze expositiehal

Symposium Ned. Vereniging voor Gastrointestinale Chirurgie

²³
Auditorium

Voorzitters: P.P.L.O. Coene en M. Ledeboer

Uitkomsten en transparantie van de colorectale diagnostiek en chirurgie

- 15.30 Landelijke registratie endoscopie en complicatieregistratie.
Dr. M. Ledeboer, MDL-arts, Deventer Ziekenhuis

Donderdag 20 maart 2014

- 15.50 DSCA: validatie van de data
*Dr. M. Wouters, chirurg, Antoni van Leeuwenhoekhuis en secretaris
kwaliteit bestuur NVVH*
- 16.10 Is de case mix correctie adequaat voor complexe combinaties van
61 tiënten en procedures?
Dr. P. Tanis, chirurg, Academisch Medisch Centrum, Amsterdam
- 16.30 Winst van deviatie na rectumchirurgie: winst voor de patiënt of voor de
61 ore'?
Dr. J.W. Dekker, chirurg, Reinier de Graaf Gasthuis, Delft
- 16.50 Gebruik bij prothetisch materiaal bij functionele rectumchirurgie: zit ook
96 r de toekomst in auditing?
Dr. N.A.T. Wijffels, chirurg, Zuwe Hofpoort, Woerden
- 17.10 Innovations in colorectal surgery round 2 (room 82 + 83)
- 17.30 Voor de President Select kunt u zich begeven naar de Brabantzaal
- 18.30 Einde programma, congresborrel in expositiehal.

Donderdag 20 maart 2014

DEGH-Meeting

Baroniezaal

Voorzitters: J.P.H. Drenth en C.C. Paulusma

Voordrachten in het Engels, spreektijd 8 minuten, discussietijd 4 minuten

- 10.30 Introduction to the abstracts
Prof. dr. J.P.H. Drenth, MDL-arts, Radboudumc Nijmegen
- 11.00 Fucosyltransferase-2 non-secretor status is associated with non-anastomotic biliary strictures after liver transplantation in recipients with primary sclerosing cholangitis (p. 98)
C.J. Verhoeven¹, L. Maroni², P. Gadjradj¹, D. Tolenaars², E. de Mare-Bredemeijer³, S. Mancham³, S. van de Graaf², R. Oude Elferink², U. Beuers², H.J. Metselaar³, J. Kwekkeboom³, L.J.W. van der Laan¹, ¹Dept of Surgery, and ³Dept of Gastroenterology and Hepatology, Erasmus MC, Rotterdam, ²Dept of Gastroenterology and Hepatology, Tytgat Institute, Academic Medical Center, Amsterdam, The Netherlands
- 11.12 Local administration of bone marrow-derived mesenchymal stromal cells after partial hepatectomy ameliorates liver fibrogenesis in a dose dependent manner (p. 99)
D. van der Helm¹, E.S.M. de Jonge-Mulder^{1,2}, B. van Hoek¹, I. Molendijk¹, A.C. den Dulk¹, J.J. van der Reijden¹, I. Biemond¹, M.J. Coenraad¹, H.W. Verspaget¹, ¹Dept of Gastroenterology and Hepatology, Leiden University Medical Center, Leiden, The Netherlands
- 11.24 Dopamine protects against cooling and rewarming-induced liver damage in vitro and in vivo (p. 100)
E.M. Verhaag^{1,2}, H. Room¹, N. Verhoeff¹, G.J. Dugba², H. Moshage¹, R.H. Henning², K.N. Faber¹, ¹Dept of Gastroenterology and Hepatology, ²Dept of Clinical Pharmacology, University Medical Center Groningen, University of Groningen, Groningen, The Netherlands
- 11.36 Decellularization of human and porcine livers: Applications for graft engineering (p. 101)
M.M.A. Verstegen¹, S. van den Hoek¹, J. Kwekkeboom², H.J. Metselaar², J. IJzermans¹, L.J.W. van der Laan¹, J. de Jonge¹, ¹Dept of Surgery, and ²Dept of Gastroenterology and Hepatology, Erasmus MC, Rotterdam, The Netherlands
- 11.48 Smad4-dependent regulation of hepatocellular carcinoma growth and progression (p. 102)
P.Y. Hernanda¹, C. Kan¹, A.M. Das², K. Sideras¹, S.J.A. Bots¹, H.L.A. Janssen^{1,3}, L.L. Kodach⁴, H.J. Metselaar¹, J. Kwekkeboom¹, D. Sprengers¹, M.J. Bruno¹, T.L.M. ten Hagen², M.P. Peppelenbosch¹, Q. Pan¹, ¹Dept of Gastroenterology and Hepatology, and ²Laboratory of Experimental Surgical Oncology, Section Surgical Oncology, Dept of Surgery, Erasmus MC, University Medical Center, Rotterdam, The Netherlands, ³Division of Gastroenterology, University Health Network, Toronto, Canada, ⁴Dept of Gastroenterology and Hepatology, Leiden University Medical Center, Leiden, The Netherlands
- 12.00 Lunchbuffet in de expositiehal

DEGH oral presentations

Baroniezaal

Voorzitters: G.A. Meijer en S.W.C. van Mil

Voordrachten in het Engels, spreektijd 8 minuten, discussietijd 4 minuten

- 13.00 **Translational Science Teaching session : Colorectal Carcinoma (CRC)**
Prof. dr. G.A. Meijer, VU medisch centrum, Amsterdam
- 13.30 Sensitization of colon cancer stem cells to chemotherapy by ER stress induced differentiation (p. 103)
*M.C.B. Wielenga¹, S. Colak², J. Heijmans¹, J.F. van Lidth de Jeude¹, S.L. Rosekrans¹, B. Baan¹, J.P. Medema², G.R. van den Brink¹, *Both authors contributed equally, ¹Tytgat Institute for Liver and Intestinal Research, and ²Laboratory of Experimental Oncology and Radiobiology, Academic Medical Center, Amsterdam, The Netherlands*
- 13.42 Inhibited expression of corticotropin-releasing hormone receptor 2 (CRHR2) correlates with tumor growth, EMT, distant metastasis risk and poor survival in experimental and clinical colorectal cancer (p. 104)
J. Rodriguez¹, H.W. Verspaget², D. Iliopoulos¹, S.H. Ypez³, J.M. Hoffman¹, G.J. Baay-Gusman³, A.B. Tirado-Rodriguez³, I.K.M. Law¹, D.W. Hommes¹, L. Chang¹, Ch. Pothoulakis¹, S. Baritaki¹, ¹Division of Digestive Diseases and Institute for Molecular Medicine, ²Geffen School of Medicine at UCLA, Los Angeles, USA, ³Dept of Gastroenterology and Hepatology, Leiden University Medical Center, Leiden, The Netherlands, ³Unidad de Investigacion en Enfermedades Oncologicas, Hospital Infantil de Mexico Federico Gomez, Mexico City, Mexico
- 13.54 Dual targeting of the VEGF and endoglin/TGF- β pathway in colorectal cancer (p. 105)
M. Paauwe¹, R.C. Heijkants¹, G.W. van Pelt², W.E. Mes^{1,2}, C.F.M. Sier², C.P. Theuer³, L.J.A.C. Hawinkels¹, ¹Dept of Molecular Cell Biology, and ²Dept of Surgery, Leiden University Medical Center, Leiden, The Netherlands, ³Tracon Pharmaceuticals, San Diego, USA
- 14.06 Conditional activation of BMP signalling leads to loss of the stem cell compartment (p. 106)
P. Voorneveld¹, L. Kodach¹, R. Jacobs¹, S. Rozekrans^{2,3}, G. van den Brink^{2,3}, J. Hardwick¹, ¹Dept of Gastroenterology and Hepatology, Leiden University Medical Center, Leiden, ²Dept of Gastroenterology and Hepatology, and ³Tytgat Institute for Liver and Intestinal Research, Academic Medical Center, Amsterdam, The Netherlands
- 14.18 **Protein tyrosine phosphatase 1B (PTP1B) expression and phosphatase activity are increased in colorectal cancer which leads to a more invasive phenotype (p. 107)**
E. Hoekstra¹, M.J. Bruno¹, M.P. Peppelenbosch¹, G.M. Fuhler¹, ¹Dept of Gastroenterology and Hepatology, Erasmus MC, University Medical Center, Rotterdam, The Netherlands

Donderdag 20 maart 2014

- 14.30 ER stress depletes Apc mutant intestinal epithelial stem cells downstream of nuclear β -catenin (p. 108)

J.F. van Lidth de Jeude¹, M.C.B. Wielenga¹, S.L. Rosekrans¹, V. Muncan¹, G.R. van den Brink¹, J. Mans¹, ¹Tytgat Institute for Liver and Intestinal Research, Dept of Gastroenterology and Hepatology, Academic Medical Center, Amsterdam, The Netherlands

- 14.42 Fibroblasts promote invasion in SMAD4 negative colorectal cancers by producing BMP-2 (p. 109)

P.W. Voorneveld¹, T. de Vos¹, S. de Wit¹, R.J. Jacobs¹, L. Hawinkels², M. Paauwe², G. van Pelt³, W. Mesker³, G.R. van den Brink^{4,5}, L. Kodach¹, J. Hardwick¹, ¹Dept of Gastroenterology and Hepatology, ⁶Dept of Molecular Cell Biology, Cancer Genomics Center Netherlands and ²Center for Biomedical Genetics, and ³Dept of Surgery, Leiden University Medical Center, Leiden, ⁴Tytgat Institute for Liver and Intestinal Research, and ⁵Dept of Gastroenterology and Hepatology, Academic Medical Center, Amsterdam, The Netherlands

- 15.00 Ledenvergadering Nederlandse Vereniging voor Hepatologie

Voorzitters: P.A. Boonstra en R.J. de Knegt

Voordrachten in het Engels, spreektijd 8 minuten, discussietijd 4 minuten

- 15.30 Translational science Teaching Session: Viral Hepatitis
Clinical aspects: Dr. R.J. De Knegt, Erasmus MC, Rotterdam

- 15.57 Basic/Translational science aspects: Dr. P.A. Boonstra, Erasmus MC, Rotterdam

- 16.24 Baseline liver gene expression profile associated with combined response in chronic hepatitis B patients treated with peginterferon and adefovir (p. 110)

F. Stelma^{1,2}, L. Jansen^{1,2}, A. de Niet^{1,2}, Z. Makowska³, M. T. Dill³, K. A. van Dort², R. B. Takkenberg¹, M.H. Heim³, N. A. Kootstra², H.W. Reesink¹, ¹Dept of Gastroenterology and Hepatology, and ²Dept of Experimental Immunology, Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands, ³Dept of Biomedicine, University of Basel, Basel, Switzerland

- 16.36 Dichotomal effect of immunosuppressants on hepatitis e virus infection: calcineurin inhibitors stimulate but mycophenolic acid inhibits viral replication (p. 111)

Y. Wang¹, X. Zhou¹, Y. Debing², L.J.W. van der Laan³, J. Neyts², H.L.A. Janssen^{1,4}, H.J. Metselaar¹, M.P. Peppelenbosch¹, Q. Pan¹, ¹Dept of Gastroenterology and Hepatology, Erasmus MC, University Medical Center, Rotterdam, The Netherlands, ²Rega Institute for Medical Research, Dept of Microbiology and Immunology, KU Leuven, Leuven, Belgium, ³Dept of Surgery, Erasmus MC, University Medical Center, Rotterdam, The Netherlands, ⁴Division of Gastroenterology, University Health Network, Toronto, Canada

Donderdag 20 maart 2014

- 16.48 ⁸⁷ Active genuine HBV replication in human liver chimeric uPA^{+/+} NOG mice (p. 112)
M.D.B. van de Garde¹, P. Biesta¹, K. de Groot-Kreefft¹, H.L.A. Janssen^{1,2}, A. Boonstra¹, T. Vanwolleghem¹, ¹Dept of Gastroenterology and Hepatology, Erasmus University Medical Center, Rotterdam, The Netherlands, ²Liver Clinic, Toronto Western and General Hospital University Health Network Toronto, Toronto, Canada
- 17.00 Voor de uitreiking van de Frieda den Hartog Jager prijs met aansluitende lezing door Prof. dr. J.H. Kleibeuker kunt u zich begeven naar de Brabantzaal

Donderdag 20 maart 2014

Multidisciplinair Symposium

Parkzaal

Voorzitters: J.C. Escher en S.W.M. Olde Damink

Symposium Darmfalen

Van de secties: Kinder-MDL, NESPEN en NVGIC van de NVGE

- 9.30 Inleiding: Stichting Darmfalen Nederland en DRIFT
Prof. dr. G. Dijkstra, MDL-arts, UMC Groningen
- 9.35 Eerste resultaten van Dutch Registry for Intestinal Failure
Prof. dr. E.H.H.M. Rings, kinderarts, Erasmus MC Rotterdam & Leids UMC

Behandeling van darmfalen

- 9.50 Behandeling short bowel syndroom bij volwassenen
Dr. G. Wanten, MDL-arts, Radboudumc, Nijmegen
- 10.05 Darmrevalidatie bij kinderen
Dr. J.M. Hulst, kinderarts, Erasmus MC, Rotterdam
- 10.15 Parenterale voeding bij volwassenen
Dr. M.J. Serlie, internist-endocrinoloog, AMC, Amsterdam

Chirurgie bij darmfalen

- 10.25 Kinderchirurgie bij darmfalen
Prof. dr. R.M.H. Wijnen, kinderchirurg, Erasmus MC, Rotterdam
- 10.40 Reconstructie chirurgie bij darmfalen van volwassenen
Prof. dr. M.A. Boermeester, chirurg, Academisch Medisch Centrum Amsterdam
- 10.55 Dunnedarmtransplantatie bij kinderen en volwassenen
Dr. J.W. Haveman, chirurg, UMC Groningen
- 11.10 Plaatsbepaling en outcome van dunnedarmtransplantatie in Nederland
Prof. dr. G. Dijkstra, MDL-arts, UMC Groningen

Donderdag 20 maart 2014

- 11.25 Einde symposium
- 11.30 Voor de ledenvergadering van de NVGE kunt u zich begeven naar de Brabantzaal
- 12.00 Lunchbuffet in de expositiehal

Vrije voordrachten Sectie Inflammatoire Darmziekten

Parkzaal

Voorzitters: ³ G.R.A.M. D'Haens en W.R. ten Hove

Voordrachten in het Nederlands, spreektijd 7 minuten, discussietijd 3 minuten

- 13.00 Gene expression profiles in ⁷ peripheral blood as early biomarkers for response to induction therapy in Crohn's disease (p. 113)
C.P. Peters^{1,2}, F.H. van Dooren¹, N.W. Duijvis¹, P.C.F. Stokkers³, P.D. Moerla²⁵, C.Y. Ponsioen², A.A. te Velde¹, ¹Tytgat Institute for Liver and Intestinal Research, and ²Dept of Gastroenterology and Hepatology, Academic Medical Center, University of Amsterdam, ³sterdam, ³Dept of Gastroenterology and Hepatology, St Lucas Andreas Hospital, Amsterdam, ⁴Dept of Clinical Epidemiology, Biostatistics and Bioinformatics, Bioinformatics Laboratory, Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands
- 13.10 NCF4 risk allele affects steroid exposure and dependency in Crohn's disease patients, preliminary results (p. 114) ⁸¹
V.J.A.A. Nuij¹, R. Somasundara¹⁷, K. Diederik¹, L. Vellekoop¹, M.P. Peppelenbosch¹, C. J. van der Woude¹, G.M. Fuhler¹, ¹Dept of Gastroenterology and Hepatology, Erasmus University Medical Center, Rotterdam, the Netherlands.
- 13.20 Fibrosis does not increase with disease duration in ulcerative colitis (p. 115)
J.R. de Bruyn^{1,2}, S.L. Meijer³, M.E. Wildenberg², G.R. van den Brink^{1,2}, G.R.A.M. D'Haens¹, ¹Dept of Gastroenterology, ²Tytgat Institute for Liver and Intestinal Research, and ³Dept of Pathology, Academic Medical Center, Amsterdam, The Netherlands
- 13.30 Identification of HLA-¹²⁰ and WWOX as genetic variants associated with recurrent fibrostenotic Crohn's disease (p. 116)
M.C. Visschedijk^{1,2}, L.M. Spekhorst¹, E.S. van Loo³, D. de Jong⁴, A.E. van der Meulen-de Jong⁵, H.W. Verspaget⁵, C.Y. Ponsioen⁶, ¹⁰⁵ Nieuwenhuijs⁷, R. Alberts², S. van Sommeren^{1,2}, G. Dijkstra¹, R.K. Weersma¹, E.A.M. Festen^{1,2}, On behalf of the Initiative on Crohn and Colitis, ¹Dept of Gastroenterology and Hepatology, ²Dept of Genetics, and ³Dept of Surgery, University of Groningen, University Medical Center Groningen, Groningen, ⁴Dept of Gastroenterology and Hepatology, Radboud University, Nijmegen Medical Center, Nijmegen, ⁵Dept of Gastroenterology and Hepatology, Leiden University Medical Center, Leiden, ⁶Dept of Gastroenterology and Hepatology, Academic Medical Center, Amsterdam, ⁷Dept of Surgery, Isala Clinics, Zwolle, The Netherlands

Donderdag 20 maart 2014

- 13.40 **Leukocyte Scintigraphy as a Tool to Measure Inflammatory Load in Ulcerative Colitis (p. 117)**
J.F. Brandse¹, R.J. Bermejo¹⁰, S. van Eeden³, P.A. Baars⁴, M. Löwenberg¹, C.Y. Ponsioen¹, G.R. van den Brink¹, G.R. D'Haens¹, ¹Dept of Gastroenterology and Hepatology, ²Dept of Nuclear Medicine, ³Dept of Pathology, and ⁴Dept of Experimental Immunology, Academic Medical Center, Amsterdam, The Netherlands
- 13.50 **Comparative efficacies of novel JAK inhibitors to reduce macrophage activation (p. 118)**
L.C.S. de Vries^{1,2}, J.M. Duarte¹, F.W.M. Hilbers¹, V.J. Ludbrook³, M.D. Woodrow³, M.J. Sims³, M. de Winther⁴, P.D. Moerland⁵, G.R.A.M. D'Haens², W.J. de Jonge^{1,2}, ¹Tytgat Institute for Liver and Intestinal Research, and ²Dept of Gastroenterology and Hepatology, Academic Medical Center, Amsterdam, The Netherlands, ³Kinase DPU, GlaxoSmithKline, Stevenage, United Kingdom, ⁴Dept of Medical Biochemistry, and ⁵Department of Clinical Epidemiology, Biostatistics and Bioinformatics, Academic Medical Center, Amsterdam, The Netherlands
- 14.00 **Intestinal Epstein- Barr virus is associated with mucosal lymphoproliferation and subsequent intestinal surgery in inflammatory bowel disease patients (p. 119)**
L.H.C. Nissen¹, D.J. de Jong¹, I.D. Nagtegaal², W. Kievit¹, L.A.A.P. Derikx¹, M.G. Lynch², F. Hoentjen¹, J.H.J.M. van Krieken², ¹Inflammatory Bowel Disease Center, Dept of Gastroenterology and Hepatology, and ²Dept of Pathology, Radboud University, Nijmegen Medical Center, Nijmegen, The Netherlands
- 14.10 **Predicting mucosal inflammatory activity in Crohn's disease: a new, validated nonendoscopic disease activity index (p. 120)**
I.M. Minderhoud¹, E.W. Steyerberg², A.A. van Bodegraven³, C.J. van der Woude⁴, D.W. Hommes⁵, G. Dijkstra⁶, H.H. Fidder⁷, M.P. Schwartz⁸, B.Oldenburg⁷, ¹Dept of Internal Medicine and Gastroenterology, Tergooi Hospital, Hilversum, ²Center for Medical Decision Making, Dept of Public Health, Erasmus MC, Rotterdam, ³Dept of Gastroenterology, VU Medical Center, Amsterdam, ⁴Dept of Gastroenterology, Erasmus MC, Rotterdam, The Netherlands, ⁵Center for Inflammatory Bowel Diseases, UCLA Health System, Los Angeles, CA, USA, ⁶Dept of Gastroenterology, University Medical Center Groningen, University of Groningen, Groningen, ⁷Dept of Gastroenterology, University Medical Center Utrecht, Utrecht, ⁸Dept of Gastroenterology, Meander Medical Center, Amersfoort, The Netherlands
- 14.20 **Only one third of Crohn's disease patients have sustained remission of perianal fistulas (p. 121)**
I. Molendijk¹, V.J.A.A. Nuij², A.E. van der Meulen-de Jong¹, C.J. van der Woude², ¹Dept of Gastroenterology and Hepatology, Leiden University Medical Center, Leiden, ²Dept of Gastroenterology and Hepatology, Erasmus University Medical Center, Rotterdam, The Netherlands
- 14.30 **Self-reported disability index in inflammatory bowel disease: results from a large Dutch prospective cohort (p. 122)**
M. van der Have¹, H.H. Fidder¹, M. Leenders¹, A.A. Kaptein², M.E. van der Valk¹, A.A. van Bodegraven^{3,12}, G. Dijkstra^{4,5}, D.J. de Jong⁶, M. Pierik⁷, C.Y. Ponsioen⁸, A.E. van der Meulen-de Jong⁹, C.J. van der Woude¹⁰, P.C. van de Meeberg¹¹, M.J.L. Romberg-Camps¹², C.H.M. Clemens¹³, J.M. Jansen¹⁴, N. Mahmood¹⁵, C.J.M. Bolwerk¹⁶, J.R. Vermeijden¹⁷, P.D. Siersema¹, B. Oldenburg¹, On behalf of the COIN study group and the Dutch Initiative on Crohn and Colitis, ¹Dept of Gastroenterology and Hepatology, University Medical Center Utrecht, Utrecht, ²Section Medical Psychology, Leiden, University Medical Center, ³Dept of Gastroenterology and Hepatology, VU University Medical Center, Amsterdam, ⁴Dept of Gastroenterology and Hepatology, University Medical Center Groningen, Groningen, ⁵University of Groningen, Groningen, ⁶Dept of Gastroenterology and Hepatology, Radboud

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University, Nijmegen Medical Center, Nijmegen, ⁷Dept of Gastroenterology and Hepatology, Maastricht University Medical Center, Maastricht, ⁸Dept of Gastroenterology and Hepatology, Academic Medical Center, Amsterdam, ⁹Dept of Gastroenterology and Hepatology, Leiden University Medical Center, Leiden, ¹⁰Dept of Gastroenterology and Hepatology, Erasmus University Medical Center, Rotterdam, ¹¹Dept of Gastroenterology and Hepatology, Slingeland Hospital, Doetinchem, ¹²Dept of Gastroenterology and Hepatology, Orbis Medical Center, Sittard, ¹³Dept of Gastroenterology and Hepatology, Diaconessenhuis, Leiden, ¹⁴Dept of Gastroenterology and Hepatology, Onze Lieve Vrouwe Gasthuis, Amsterdam, ¹⁵Dept of Gastroenterology and Hepatology, St. Antonius Hospital, Nieuwegein, ¹⁶Dept of Gastroenterology and Hepatology, Reinier de Graaf Groep, Delft, ¹⁷Dept of Gastroenterology and Hepatology, Meander Medical Center, Amersfoort, The Netherlands

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14.40

The relevance of population based IBD biobanks: a meta-analysis and introduction of the IBD-SL biobank cohort (p. 123)

T.R.A. van den Heuvel^{1,2}, D.M.A.E. Jonkers^{1,2}, S.F.G. Jeuring^{1,2}, W.H. Hameteman¹, L.E. Oostenbrug³, M.J.L. Romberg-Camps⁴, A.A.M. Masclee^{1,2}, M.P. Zeegers^{5,6}, M.J. Pierik^{1,2}, ¹Dept of Internal Medicine, ²Division of Gastroenterology and Hepatology, Maastricht University Medical Center, Maastricht, ³Maastricht University Medical Center, ⁴NUTRIM School for Nutrition, Toxicology and Metabolism, Maastricht, ⁵Dept of Internal Medicine, Atrium Medical Center, Heerlen, ⁶Dept of Internal Medicine, Orbis Medical Center, Sittard-Geleen, The Netherlands, ⁷Dept of Public Health, Epidemiology and Biostatistics, University Hospital Birmingham, Birmingham, United Kingdom, ⁸Dept of Complex Genetics, Cluster of Genetics and Cell Biology, Maastricht University Medical Center, Maastricht, The Netherlands

14.50

Is elderly-onset ulcerative colitis a different entity? Natural disease course and treatment response compared to adult-onset disease in a Dutch population-based cohort (p. 124)

S.F.G. Jeuring^{1,2}, T.R.A. van den Heuvel^{1,2}, M.P. Zeegers^{3,4}, W.H. Hameteman¹, M.J.L. Romberg-Camps⁵, L.E. Oostenbrug⁶, A.A.M. Masclee^{1,2}, D.M.A.E. Jonkers^{1,2}, M.J. Pierik^{1,2}, ¹Dept of Internal Medicine, Division of Gastroenterology and Hepatology, ²NUTRIM, School for Nutrition, Toxicology and Metabolism, and ³Dept of Complex Genetics, Cluster of Genetics and Cell Biology, Maastricht University Medical Center, Maastricht, The Netherlands, ⁴Dept of Epidemiology and Public Health, University of Birmingham, Birmingham, United Kingdom, ⁵Dept of Internal Medicine and Gastroenterology, Orbis Medical Center, Sittard, ⁶Dept of Internal Medicine and Gastroenterology, Atrium Medical Center, Heerlen, The Netherlands

15.00

Theepauze expositiehal

Donderdag 20 maart 2014

Minisymposium: Update Voeding in de dagelijkse praktijk

Parkzaal

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Voorzitters: J.P.H. Drenth en S.W.M. Olde Damink

- 15.30 **28** Voeding bij functionele aandoeningen zinvol?
Dr. L.A. van der Waaij, MDL-arts, Martini Ziekenhuis Groningen
- 15.50 Voeding bij IBD: wat kunnen we van de kinderartsen leren?
Dr. A. Kindermann, kinderarts, Emma Kinderziekenhuis, Amsterdam
- 16.10 Voedselintoleranties en allergieën: wat is dat eigenlijk?
Dr. T. Rustemeyer, dermatoloog, VU medisch centrum, Amsterdam
- 16.30 Is er voldoende aandacht voor voeding bij klinische patiënten?
I.A. Meynaar, internist, HagaZiekenhuis, Den Haag
- 16.50 Einde programma
- 17.00 Voor de uitreiking van de Frieda den Hartog Jager prijs met aansluitende lezing door
prof. dr. J.H. Kleibeuker kunt u zich begeven naar de Brabantzaal

Vrije voordrachten Sectie Gastrointestinale Endoscopie

Brabantzaal

08.00 Ledenvergadering NVMDL

Voorzitters: M.A.M.J. Jacobs en Y.C.A. Keulemans

Voordrachten in het Nederlands, spreektijd 7 minuten, discussietijd 3 minuten

09.30 Risk of colorectal cancer after endoscopic vs. surgical resection of carcinoma in situ is not different (p. 125)

K. Kessels¹, L.M.G. Mo⁹¹, M.G.H. van Oijen¹, P.D. Siersema¹, M.A.G. Elferink², ¹Dept of Gastroenterology and Hepatology, University Medical Center Utrecht, Utrecht, ²Comprehensive Cancer Center the Netherlands (IKNL), Utrecht, The Netherlands

09.40 Endoscopic transpapillary gallbladder drainage in high-risk patients: the use of a double pigtail stent (p. 126)

N. Boogerd¹, L.E. Perk¹, G.J.D. van Acker¹, ¹Medical Center Haaglanden, Den Haag / Leidschendam, The Netherlands

09.50 EUS-guided drainage with a large diameter metal stent is a safe treatment for acute cholecystitis in high risk patients (p. 127)

D. Walter¹, A.Y.B. Teoh², T. Itoi³, M. Pérez-Miranda⁴, A. Larghi⁵, A. Sanchez-Yague⁶, P. Vilmann⁷, P.D. Siersema¹, F.P. Vleggaar¹, ¹Dept of Gastroenterology and Hepatology, University Medical Center Utrecht, The Netherlands, ²Dept of Surgery, Prince of Wales Hospital, Chinese University of Hong Kong, Hong Kong SAR, China, ³Dept of Gastroenterology and Hepatology, Toho Medical University, Tokyo, Japan, ⁴Dept of Gastroenterology, Unit of Gastrointestinal Endoscopy, University Hospital Rio Hortega, Valladolid, Spain, ⁵Digestive Endoscopy Unit, Catholic University, Rome, Italy, ⁶Dept of Digestive Diseases, Endoscopy Unit, Agencia Sanitaria Costa del Sol, Marbella, Spain, ⁷Dept of Endoscopy, Gastrointestinal Unit, Copenhagen University Hospital, Herlev, Denmark

10.00 Hydraulic dilation in idiopathic achalasia using the EsoFLIP dilation balloon: a prospective cohort study (p. 128)

W.F.W. Kappelle¹, A. Bogte¹, P.D. Siersema¹, ¹Dept of Gastroenterology and Hepatology, University Medical Center Utrecht, Utrecht, The Netherlands

10.10 Predictors for treatment failure after endoluminal fundoplication in GERD (p. 129)

F.G. Smeets¹, N.D. van der Vy², A.A.M. Masclee¹, J.M. Conchillo¹, ¹Division of Gastroenterology and Hepatology, and ²Dept of Surgery, Maastricht University Medical Center, Maastricht, The Netherlands

10.20 Are the gastric folds still the optimal landmark for defining the distal border of a Barrett's esophagus in a Western population? (p. 130)

D. Schölvinc^{1,2}, O. Goto³, K. Seldenrijk⁴, J. Bergman², N. Yahagi³, B. Weusten^{1,2}, ¹Dept of Gastroenterology and Hepatology, St. Antonius Hospital, Nieuwegein, ²Dept of Gastroenterology and Hepatology, Academic Medical Center, Amsterdam, The Netherlands, ³Division of research and development for minimally invasive treatment, Cancer Center Keio University, Tokyo, Japan, ⁴Dept of Pathology, St. Antonius Hospital, Nieuwegein, The Netherlands

Vrijdag 21 maart 2014

- 10.30 55 Cost-effectiveness analysis of radiofrequency ablation for Barrett's esophagus with low-grade dysplasia: results from a randomized controlled trial (SURF) (p. 131)
K.N. Phoa¹, W.D. Rosmolen¹, B.L.A.M. Weusten^{1,2}, R. Bisschops³, E.J. Schoon⁴, K. Ragunath⁵, G. Fullarton⁶, M. DiPietro⁷, N. Ravi⁸, M. Visser¹, G.J. Offerhaus¹, C.A. Seldenrijk², S.L. Meijer¹, F.J. ten Kate¹, J.G.P. Tijssen¹, M.G. Dijkgraaf¹, J.J. Bergman¹, ¹Academic Medical Center, University of Amsterdam, Amsterdam, ²St. Antonius Hospital, Nieuwegein, The Netherlands, ³UZ Gasthuisberg, Leuven, Belgium, ⁴Catharina Hospital, Eindhoven, The Netherlands, ⁵Queens Medical Centre, Nottingham, UK, ⁶Royal Infirmary, Glasgow, ⁷Addenbrookes Hospital, Cambridge, UK, ⁸St James Hospital, Dublin, Ireland
- 10.40 14 Efficacy and safety of HALO90-RFA-ablation using the simple protocol (3x15J-no cleaning) (p. 132)
H.T. Künzli^{1,2}, E.J. Schoon³, M.H. Houben⁴, J.J.G.H.M. Bergman², B.L.A.M. Weusten^{1,2}, ¹Dept of Gastroenterology, St. Antonius Hospital, Nieuwegein, ²Academic Medical Center, Amsterdam, ³Catharina Hospital, Eindhoven, ⁴HaGa Hospital, The Hague, The Netherlands
- 10.50 Detection of buried Barrett glands after Radiofrequency Ablation (RFA) with Volumetric Laser Endomicroscopy (VLE) (p. 133)
A. Swager¹, D.F. Boerwinkel¹, D.M. de Bruin², D.J. Faber², T.G. van Leeuwen², B.L. Weusten¹, S.L. Meijer³, J.J. Bergman¹, W.L. Curvers¹, ¹Dept of Gastroenterology and Hepatology, ²Dept of Biomedical Engineering, and ³Dept of Pathology, Academic Medical Center, Amsterdam, The Netherlands
- 11.00 Koffiepauze

Vrijdag 21 maart 2014

Sectie Gastrointestinale Endoscopie

Brabantzaal

Voorzitters: J.W. Poley en ³ B.L.A.M. Weusten

PERK studie

- 11.30 Kwaliteit van ERCP in Nederland - de PERK studie
V.E. Ekkelenkamp, namens de PERK studiegroep
- 11.45 Discussie
- 11.50 "Meten is weten; ERCP kwaliteitsregistratie in Nederland"
Dr. M. Ledeboer, MDL-arts en voorzitter Commissie Kwaliteit NVMDL en A.D. Koch, MDL-arts, Erasmus MC, Rotterdam
- 12.05 Discussie
- 12.15 Einde programma Perk studie

Sectie Gastrointestinale Endoscopie

Brabantzaal

Voorzitters: J.W. Poley en B.L.A.M. Weusten

Richtlijn Antistolling

- 12.15 Indicaties voor antitrombotische therapie
Dr. M. Brouwer, cardioloog, Radboud universitair medisch centrum, Nijmegen
- 12.30 Werking en dosering van antitrombotische therapie
A. Prins, apotheker
- 12.45 Achtergrond en bespreking herziende richtlijn Antitrombotische therapie en endoscopische procedures
Dr. F.T.M. Peters en Dr. M.E. Tushuizen, MDL-artsen
- 13.00 ¹⁰ Lunchbuffet in de expositiehal

Vrijdag 21 maart 2014

Symposium Sectie Gastrointestinale Oncologie

Brabantzaal

Voorzitters: A. Cats en J.M. van Dieren

CRC bevolkingsonderzoek

- 14.00 Inleiding
Dr. A. Cats, MDL-arts, Antoni van Leeuwenhoekhuis, Amsterdam
- 14.10 Serravallo polyposis syndroom - is herkenning belangrijk?
Prof. dr. E. Dekker, MDL-arts, Academisch Medisch Centrum, Amsterdam
- 14.30 CRC - 1 ziekte?
*Dr. L. Vermeulen, Center for Experimental Molecular Medicine (CEMM)
Academisch Medisch Centrum & Cancer Research UK - Cambridge
Institute*
- 14.50 Erfelijke darmkanker - new kids in town
Dr. M. Kets, klinisch geneticus, Radboudumc, Nijmegen
- 15.10 Poliepectomie: state-of-the-art
Dr. S. Sanduleanu, MDL-arts, Maastricht Universitair Medisch Centrum
- 15.30 Maligne colorectale poliepen
*Dr. M.E. van Leerdam, MDL-arts, Antoni van Leeuwenhoekhuis,
Amsterdam*

Vrije voordrachten NVGE-NVGIC

Auditorium

Voorzitters: E.J.M. van Geenen en M.I. van Berge Henegouwen

Voordrachten in het Nederlands, spreektijd 7 minuten, discussietijd 3 minuten

- 09.30 Predictive factors for recurrence of cryptoglandular perianal fistula characterised by pre-operative endoanal ultrasound (EAUS) (p. 134)
Visscher, A.P.¹, Schuur, D.¹, Deen, C.B.H.³, Van der Mijsbrugghe, G.J.H.³, Meijerink W.J.H.J.², Felt-Bersma R.J.F.¹, ¹Dept of Gastroenterology and Hepatology, VU University Medical Center, Amsterdam, the Netherlands, ²Dept of Surgery, VU University Medical Center, Amsterdam, the Netherlands, ³Proctos Kliniek, Bilthoven, the Netherlands
- 09.40 Long term outcome after surgery for cryptoglandular perianal fistula (p. 135)
Van Nunspeet L.¹, Bakel J.², Eddes E.H.¹, Bosker R.J.I.¹, de Noo M.E.¹, ¹Dept of Surgery, Deventer Hospital, Deventer, The Netherlands, ²Dept of Surgery, Martini Hospital, Groningen, The Netherlands
- 09.50 Treatment response of EATL patients; a ten year analysis of a national cohort (p. 136)
P. Nijeboer¹, L. de Baaij¹, O. Visser², C.J.J. Mulder¹, S.A.G.M. Cillessen³, G.Bouma¹, ¹Dept of Gastroenterology, VU University Medical Center, Amsterdam, the Netherlands, ²Dept of Haematology, VU University Medical Center, Amsterdam, the Netherlands, ³Dept of Pathology, VU University Medical Center, Amsterdam, the Netherlands, ⁴Both authors contributed equally to this article
- 10.00 Surgery for complicated celiac disease (p. 137)
J.M.W. van de Water^a, P. Nijeboer^b, J. Zegers^a, W.J.H.J. Meijerink^b, C.J.J. Mulder^a, D.L. van der Peet^b, ^a Dept of Gastroenterology and ^b Dept of Surgery, VU University Medical Center, Amsterdam, The Netherlands
- 10.10 Smooth muscle protein 22 (SM22) in plasma and urine reflects transmural ischemic injury of the intestines (p. 138)
D.H.S.M. Schell^{1,2}, K.W. Reisinger^{1,2}, J.P.M. Derikx^{1,2}, K. Lenaerts^{1,2}, W.A. Buurman², C.H.C. Dejong^{1,2}, ¹Dept of Surgery, Maastricht University Medical Center, Maastricht, the Netherlands, ² NUTRIM School for Nutrition, Toxicology and Metabolism, Maastricht University Medical Center, Maastricht, the Netherlands
- 10.20 Development of a prediction model to assess the risk of chronic gastrointestinal ischemia in referred patients (p. 139)
J. Harkit¹, Y. Vergouwe², J.A. Spoor¹, E.J. Kuipers^{1,3}, P. B. Mensink^{1,4}, M.J. Bruno¹, D. van der Griend¹, E.T.T.L. Tjwa^{1,5}, ¹Depts. of ¹Gastroenterology and Hepatology, ²Public Health and ³Internal Medicine, Erasmus University Medical Center, Rotterdam, The Netherlands, ⁴Dept of Gastroenterology and Hepatology, Medisch Spectrum Twente, Enschede, The Netherlands, ⁵Dept of Gastroenterology and Hepatology, Jeroen Bosch Hospital, 's Hertogenbosch, The Netherlands

Vrijdag 21 maart 2014

- 10.30 Does inclusion of imaging in the work up of patients with clinically suspected appendicitis reduce the rate of unnecessary surgical procedures? (p. 140)
K.W.A. Goossens¹, M.J. Lahaye², D.M.J. Lambregts², E. Mutsaers², B. Essers³, N. Bouvy¹, S.O. Breukink¹, R.G.H. Beets-Tan^{2,1}, ¹Dept of surgery, Maastricht University Medical Center, Maastricht, The Netherlands ²Dept of radiology, Maastricht University Medical Center, Maastricht, The Netherlands ³Dept of clinical epidemiology and medical technology assessment, Maastricht University Medical Center, Maastricht, The Netherlands
- 10.40 Prognostication of complications after Roux en Y gastric bypass: evaluation of the OS-MRS and the Clavien-Dindo classification (p. 141)
U.K. Coblijn¹, S.M.M. de Castro¹, S.M. Lagarde², W.F. van Tets¹, L.Th. de Wit¹, B.A. van Wageningen¹, ¹Sint Lucas Andreas Ziekenhuis, Dept of General Surgery ² Academic Medical Center Amsterdam, Dept of General Surgery
- 10.50 Peroral endoscopic myotomy for achalasia is safe and effective: a prospective single center study (p. 142)
F.A.M. Ponds¹, T. Verlaan¹, A.J.P.M. Smout¹, A.J. Bredenoord¹, P. Fockens¹, ¹Dept of Gastroenterology & Hepatology, Academic Medical Center Amsterdam, Amsterdam, The Netherlands.
- 11.00 Koffiepauze

Voordrachten Nederlandse Vereniging voor Gastroenterologie

Auditorium

Voorzitters: A.J. Bredenoord en J.Ph. Kuijvenhoven

Voordrachten in het Nederlands, spreektijd 7 minuten, discussietijd 3 minuten

- 11.30 Esophageal epithelial barrier function in GERD patients and healthy controls: an ex-vivo study in the basal state and in response to acid exposure (p. 143)
N.F. Rinsma¹, M. Elizalde¹, F.J. Troost¹, A.A. Masclee¹, J.M. Conchillo¹, ¹Dept of Internal Medicine, div. of Gastroenterology-Hepatology, NUTRIM, Maastricht University Medical Center, Maastricht, The Netherlands
- 11.40 Trends in distribution of diagnostic testing and treatment of hepatocellular carcinoma in the Netherlands between 2003-2011 (p. 144)
S. van Meer¹, K.J. Erpecum¹, G.H. Schrier², C. Verhoef³, J. Verheij⁴, R.A. de Man⁵, L.G.M. van der Geest², ¹Dept of Gastroenterology and Hepatology, University Medical Center, Utrecht, The Netherlands. ²Comprehensive Cancer Center The Netherlands. ³Dept of Surgical Oncology, Erasmus Medical Center, Rotterdam, The Netherlands. ⁴Dept of Pathology, Academic Medical Center, Amsterdam, The Netherlands. ⁵Dept of Gastroenterology and Hepatology, Erasmus Medical Center, Rotterdam, The Netherlands.

Vrijdag 21 maart 2014

- 11.50 Gut permeability in IBS is site specific, subtype dependent and affected by confounding factors (p. 145)
Z. Mujagic^{1*}, S. Ludi^{1*}, D. Keszthelyi¹, M.A. Hesselink¹, J.W. Kruimel¹, K. Lenaerts², N.M. anssen³, J.M. Conchillo¹, D.M. Jonkers¹, A.A. Masclee¹, *Both authors contributed equally, ¹Dept of Internal Medicine, Division of Gastroenterology and Hepatology, and ²Dept of Surgery, NUTRIM School for Nutrition, Toxicology and Metabolism, Maastricht University Medical Center, Maastricht, ³Dept of Internal Medicine, CARIM School for Cardiovascular Diseases, Maastricht University Medical Center, Maastricht, The Netherlands
- 12.00 Insufficient incorporation of biological meshes after implantation in a clean surgical environment (p. 146)
I.M. Mulder¹, E.B. Deerenberg¹, W.A. Bemelman², J. Jeekel³, J.F. Lange¹, ¹Dept of Surgery Erasmus MC Rotterdam, ²Dept of Surgery Amsterdam Medical Centre Amsterdam, ³Dept of Neuroscience Erasmus MC Rotterdam, The Netherlands
- 12.10 Distal versus proximal colonic acetate infusions differentially affect human metabolism (p. 147)
C. M. van der Beek^{*1,2}, E. E. Canfora^{*1,3}, K. Lenaerts⁹⁴, F. J. Troost^{1,4}, A.A.M. Masclee^{1,4}, C. H.C. Dejong^{1,2}, E.E. Blaak^{1,3}, * Shared first author ¹Top Institute Food and Nutrition, Wageningen, the Netherlands, ²Dept of Surgery, ³Dept of Human Biology, and ⁴Dept of Internal Medicine, division of Gastroenterology-Hepatology; NUTRIM School for Nutrition, Toxicology and Metabolism, Maastricht University, the Netherlands
- 12.20 Transnasal endoscopic nasoenteral feeding tube placement in routine clinical practice is associated with low success rates (p. 148)
T.K.J. Groenhof¹, D. Walter¹, E.M.H. Mathus-Vliegen², P.J. van der Schaar³, F.P. Vleggaar¹, L. Nagtzaam¹, P.D. Siersema¹, M.M.C. Hirdes¹, J.F. Monkelbaan²⁰ ¹Dept of Gastroenterology and Hepatology, University Medical Center Utrecht, Utrecht, ²Dept of Gastroenterology and Hepatology, Academic Medical Center, Amsterdam, ³ Dept of Gastroenterology and Hepatology, St. Antonius Hospital, Nieuwegein
- 12.30 Excellent long-term survival after autologous stem-cell transplantation for RCDII (p. 149)
P.Nijeboer¹, R.L.J v Wanrooij¹, T. v Gils¹, N.J. Wierdsma², H.J. Bontkes³, C.J.J. Meijer¹¹⁹, G. Bouma¹, ¹Dept of Gastroenterology, ²Dept of Nutrition and Dietetics, ³Dept of Pathology VU University medical centre Amsterdam, The Netherlands
- 12.40 Clinical impact of liquid-based or cell block preparation of residual material after analysis of cytological smears in endoscopic ultrasound-guided fine-needle aspiration (p. 150)
W.F.W. Kappelle, M.G.H. van Oijen, P.D. Siersema, F.P. Vleggaar, Dept of Gastroenterology and Hepatology, University Medical Center Utrecht
- 12.50 Lean Six Sigma in health care; Applicability and implementation in a fast track multidisciplinary oncology clinic (p. 151)
Y.L. Basta¹, K.M.A.J. Tytgat², T. Rohof³, M.C. Monster⁴, P. Fockens², J.H.G. Klinkenbijl¹ ¹³ On behalf of the GIOCA group, ¹ Chirurgie, AMC ² MDL, AMC ³ Stafbureau, AMC ⁴ ING
- 13.00 Lunchbuffet in de expositiehal

Vrijdag 21 maart 2014

Vrije voordrachten NVGE-NVGIC

Auditorium

Voorzitters: H. Braat en C.H.C. Dejong

Voordrachten in het Nederlands, spreektijd 7 minuten, discussietijd 3 minuten

14.00 Inleiding sessie door de voorzitter

14.10 Quality of life after stent placement for palliation of common bile duct obstruction: a randomized controlled trial comparing plastic and metal stents (p. 152)

D. Walter¹, P.G.A. van Boeckel¹, M.J. Groenen², B.L.A.M. Weusten³, B.J. Witteman⁴, G. Tan⁵, M. Brink⁶, J. Nicolai⁷, A.C. Tan⁸, J. Alderliesten⁹, N.G. Venneman¹⁰, W. Laleman¹¹, J.M. Jansen¹², A. Bodelier¹³, F.L. Wolters¹⁴, L.A. van der Waaij¹⁵, R. Breumelhof¹⁶, F.T.M. Peters¹⁷, R.C.H. Scheffer¹⁸, M. Leenders¹, M.M.C. Hirdes¹, F.P. Vleggaar¹, P.D. Siersema¹, ¹UMC Utrecht, Utrecht, Netherlands ²Rijnstate Hospital, Arnhem, Netherlands ³St. Antonius Hospital, Nieuwegein, Netherlands ⁴Gelderse Vallei Hospital, Ede, Netherlands ⁵Ziekenhuisgroep Twente Hospital, Hengelo, Netherlands ⁶Meander Medical Center, Amersfoort, Netherlands ⁷Haga Hospital, Den Haag, Netherlands ⁸Canisius Wilhelmina Hospital, Nijmegen, Netherlands ⁹Albert Schweitzer Hospital, Dordrecht, Netherlands ¹⁰Medisch Spectrum Twente, Enschede, Netherlands ¹¹University Hospital Gasthuisberg, University of Leuven, Leuven, Belgium ¹²Onze Lieve Vrouwe Gasthuis, Amsterdam, Netherlands ¹³Amphia Hospital, Breda, Netherlands ¹⁴VieCuri Hospital, Venlo, Netherlands, ¹⁵Martini Hospital, Groningen, Netherlands ¹⁶Diakonessen Hospital, Utrecht, Netherlands ¹⁷UMCG, Groningen, Netherlands ¹⁸Jeroen Bosch Hospital, Den Bosch, Netherlands

14.20 Positive predictive value of endoscopic ultrasound (EUS) for the detection of intraluminal filling defects in the common bile duct (CBD) in a large non-academic teaching hospital (p. 153)

L.M.J.W. van Driel¹, R. Quispel¹, B. Veldt^{1,2}, M. Bruno², ¹Reinier de Graaf hospital, Delft. ²Erasmus Medical Center, Rotterdam

14.30 A comparative prospective blinded analysis of the effectiveness of EUS and MRI as screening tools for pancreatic cancer (p. 154)

F. Harinck^{1}, I.C.A.W. Konings^{1*}, J.W. Poley¹, N.C. Krak², K. Biemann³, J.E. van Hooft⁴, C.Y. Nio⁵, C.M. Aalfs⁶, A. van Rens⁷, C. van Eijck⁸, D. Gouma⁹, M.G.W. Dijkgraaf¹⁰, H. van Dullemen¹¹, R. Sijmons¹², P. Fockens⁴, M.J. Bruno¹, on behalf of the Dutch research group on pancreatic cancer surveillance in high-risk individuals, ¹Dept of Gastroenterology and Hepatology, Erasmus MC, University Medical Center Rotterdam, ²Dept of Radiology, Erasmus MC, University Medical Center Rotterdam, ³Dept of Pathology, Erasmus MC, University Medical Center Rotterdam, ⁴Dept of Gastroenterology and Hepatology, Amsterdam Medical Center, University Medical Center Amsterdam, ⁵Dept of Radiology, Amsterdam Medical Center, University Medical Center Amsterdam, ⁶Dept of Clinical Genetics, Amsterdam Medical Center, University Medical Center Amsterdam, ⁷Family Cancer Clinic, The Netherlands Cancer Institute, Antoni van Leeuwenhoek, Amsterdam, ⁸Dept of Surgery, Erasmus MC, University Medical Center Rotterdam, ⁹Dept of Surgery, Amsterdam Medical Center, University Medical Center Amsterdam, ¹⁰Clinical Research Unit, Amsterdam Medical Center, University Medical Center Amsterdam, ¹¹Dept of Gastroenterology and Hepatology, University Medical Center Groningen, ¹²Dept of Clinical Genetics, University Medical Center Groningen. * contributed equally to this work*

- 14.40 CEA and cytopathological analysis are useful tests to discriminate mucinous from non-mucinous pancreatic cystic lesions (p. 155)
A. van de Vreede¹, W.K. Utomo¹, M.J. Bruno¹, B.E. Hansen¹, H. Braat¹, K. Biemann², ¹Dept of gastroenterology and hepatology, Erasmus MC University Medical Centre, Rotterdam, The Netherlands, ²Dept of pathology Erasmus MC University Medical Centre, Rotterdam, The Netherlands
- 14.50 Serous cystadenoma; a single center experience (p. 156)
J. Fest, J. Poley, M. Bruno en H. Braat, Erasmus MC, Rotterdam, The Netherlands
- 15.00 Diagnostic value of a pancreatic mass on computed tomography in patients undergoing pancreatoduodenectomy for presumed pancreatic cancer (p. 157)
A. Gerritsen^{1,2}, T.L. Bollen³, C.Y. Nio⁴, I.Q. Molenaar¹, M.G. Dijkgraaf⁶, H.C. van Santvoort¹, G.J. Offerhaus⁵, E. Sieders¹, K.P. de Jong⁷, R.M. van Dam⁸, E. van der Harst⁹, H. van Goor¹⁰, B. van Ramshorst¹¹, B.A. Bonsing¹², I.H. de Hingh¹³, M.F. Gerhards¹⁴, C.H. van Eijck¹⁵, D.J. Gouma², I.H. Borel Rinkes¹, O.R. Busch², and M.G. Besselink², for the Dutch Pancreatic Cancer Group, ¹Dept of Surgery, University Medical Center Utrecht, ²Dept of Surgery, Academic Medical Center Amsterdam, ³Dept of Radiology, St. Antonius hospital Nieuwegein, ⁴Dept of Radiology, Academic Medical Center Amsterdam, ⁵Clinical Research Unit, Academic Medical Center Amsterdam, ⁶Dept of Pathology, University Medical Center Utrecht, ⁷Dept of Surgery, University Medical Center Groningen, ⁸Dept of Surgery, Maastricht University Medical Center, ⁹Dept of Surgery, Maasstad Ziekenhuis Rotterdam, ¹⁰Dept of Surgery, Radboud University Medical Centre Nijmegen, ¹¹Dept of Surgery, St. Antonius hospital Nieuwegein, ¹²Dept of Surgery, Leiden University Medical Center, ¹³Dept of Surgery, Catharina hospital Eindhoven, ¹⁴Dept of Surgery, OLVG Amsterdam, ¹⁵Dept of Surgery, Erasmus Medical Center Rotterdam
- 15.10 Comparison of Incidence Rates of Acute Pancreatitis and Pancreatic Cancer among the general population and type 2 Diabetes Mellitus patients between different Databases in the SAFEGUARD project (p. 158)
G.M.C. Masclee¹, I.A. Leal¹, P. Rijnbeek¹, G. Trifiro^{1,10}, G. De Berardis², I. Bezemer³, M. Gil⁴, E. Martin⁴, G. Requena⁵, C. Sammon⁶, S. Pecchioli¹⁰, N. Schmedt⁷, T. Schink⁵, J.D. Seeger⁸, L. Scotti⁹, M. Pladevall¹, M. Smits¹², M.C.J.M. Sturkenboom¹, S. Romio^{1,9}, ¹Dept of Medical Informatics, Erasmus University Medical Center, Rotterdam, Netherlands, ²Consorzio Mario Negri Sud, Santa Maria Imbaro, Italy, ³PHARMO Institute, Utrecht, Netherlands, ⁴Spanish Agency for Drugs and Medical Devices, Madrid, Spain, ⁵Pharmacology Unit, Dept of Biomedical Sciences II, University of Alcalá, Madrid, Spain, ⁶University of Bath, Bath, United Kingdom, ⁷Leibniz-Institute for Prevention Research and Epidemiology – BIPS GmbH, Bremen, Germany, ⁸The Brigham and Women's Hospital, Harvard Medical School, Boston, United States, ⁹University Milano-Bicocca, Milan, Italy, ¹⁰Health Search, Italian College of General Practitioners, Florence, Italy, ¹¹RTI Health Solutions, Barcelona, Spain, ¹²VU University Medical Center, Amsterdam, Netherlands
- 15.20 Introduction of laparoscopic minor liver surgery in a HPB unit: not necessarily associated with a "learning curve" (p. 159)
F. Huisman¹, M. J. Van der Poel¹, M.G.H. Besselink¹, P.J. Tanis¹, T.M. van Gulik¹, O.R.C. Busch¹, ¹Dept of Surgery, Academic Medical Center, Amsterdam, The Netherlands
- 15.30 Einde programma

Vrijdag 21 maart 2014

Symposium Nederlandse Vereniging voor Hepatologie

Baroniezaal

Voorzitters: U.H.W. Beuers en H.R. van Buuren

"Cholestatische en virale leverziekten - een internationaal perspectief"

- 09.30 PBC: wat hebben onze patiënten en wij geleerd van de 'PBC supergroep'?
Dr. H.R. van Buuren, MDL-arts, Erasmus MC, Rotterdam
- 09.50 PSC: welke rol hebben genetica voor het ontstaan en de voortgang van PSC?
Prof. dr. R. Weersma, MDL-arts, UMC Groningen
- 10.10 IAC: is IgG4-gerelateerde ziekte van galwegen en pancreas een beroepsziekte?
Prof. dr. U.H.W. Beuers, MDL-arts, Academisch Medisch Centrum, Amsterdam
- 10.30 Inleiding hepatologie in Europa
Prof. dr. R.J. Oude Elferink, biochemicus, Tytgat Instituut, AMC, Amsterdam
- 10.35 De Nederlandse Hepatologie - een Europees perspectief
Prof. dr. P.L.M. Jansen, MDL-arts, AMC Amsterdam, Maastricht UMC
- 10.45 Inleiding virale hepatitis
Prof. dr. J.P.H. Drenth, MDL-arts, Radboudumc, Nijmegen
- 10.50 De virale hepatitis zorg in Nederland - gisteren, vandaag, morgen
Prof. dr. S.W. Schalm, MDL-arts, Erasmus MC Rotterdam
- 11.00 Einde programma

Poster rounds DEGH meeting

Zaal 19

Theme Immunology and IBD – Chairs: G. Bouma and D.M.A.E. Jonkers

09.00 De postersessie van de DEGH vindt plaats tussen 09.00 en 11.00 uur. Vanaf 09.00 uur zullen alle posters worden gepresenteerd in een plenaire sessie met behulp van een powerpoint slide. Na het presenteren van de posters zal er gelegenheid zijn tot het stellen van vragen bij de desbetreffende posters. In de zaal is een ontbijtbuffet aanwezig.

1. Sympathetic rather than vagal activity modulates acute DSS colitis in mice
C. Cailotto¹, B.J. Olivier¹, L. Costes¹, J. van der Viet¹, F. Hilbers¹, W.J. de Jonge¹, ¹Tytgat Institute for Liver and Intestinal Research, Academic Medical Center, Amsterdam, The Netherlands

2. Prediction of response to adalimumab induction therapy in Crohn's disease patients
C.P. Peters^{1,2}, F.H. van Dooren¹, N.W. Duijvis¹, S.C. Wolfkamp¹, E.W. Vogels¹, C. Verseijden¹, S. Meisner¹, P.C. F. Stokkers³, P.D. Moerland⁴, C.Y. Ponsioen², A.A. te Velde¹, ¹Tytgat Institute for Liver and Intestinal Research, ²Dept of Gastroenterology and Hepatology, Academic Medical Center, University of Amsterdam, Amsterdam, ³Dept of Gastroenterology and Hepatology, St Lucas Andreas Hospital, Amsterdam, ⁴Dept of Clinical Epidemiology, Biostatistics and Bioinformatics, Bioinformatics Laboratory, Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands

3. Potential mechanisms of therapeutic cannabis use in chronic pancreatitis
W.K. Utomo¹, K. Parikh², M. de Vries³, H. van Goor³, M.J. Bruno¹, M.P. Peppelenbosch¹, H. Braat¹, ¹Dept of Gastroenterology and Hepatology, Erasmus MC, University Medical Center, Rotterdam, ²Dept of Cell Biology, University Medical Center Groningen, University of Groningen, Groningen, ³Dept of Surgery, Radboud University Medical Center, Nijmegen, The Netherlands

4. Longitudinal analysis of TRAIL and CD158b expression on peripheral and intrahepatic NK cells in HCV patients during triple therapy
M. Spaan¹, R.A. de Groen¹, G.W. van Oord¹, H.L.A. Janssen^{1,2}, R.J. de Knecht¹, A. Boonstra¹, ¹Dept of Gastroenterology and Hepatology, Erasmus MC, University Medical Center, Rotterdam, The Netherlands, ²Liver Clinic University Health Network, Division of Gastroenterology, University of Toronto, Canada

5. Analysis of the transcriptome and immune function of monocytes during IFN α -based therapy in chronic HCV infection revealed induction of TLR7 responsiveness
J. Hou¹, Z.M. Groothuisink¹, L. Koning¹, R. Roemer¹, W. van IJcken², K. Kreeft¹, B. Liu¹, H.L.A. Janssen^{1,3}, R.J. de Knecht¹, A. Boonstra¹, ¹Dept of Gastroenterology and Hepatology, and ²Center for Microbiology, Erasmus MC, University Medical Center, Rotterdam, The Netherlands, ³Liver Clinic University Health Network, Division of Gastroenterology, University of Toronto, Canada

Vrijdag 21 maart 2014

6. Rapamycin and everolimus facilitate hepatitis e virus replication: reveal an antiviral function of PI3K-AKT-mTOR pathway 44
X. Zhou¹, Y. Wang¹, H.L.A. Janssen^{1,2}, H.J. Metselaar¹, M.P. Peppelenbosch¹, Q. Pan¹, ¹Dept of Gastroenterology and Hepatology, Erasmus MC, University Medical Center, Rotterdam, The Netherlands, ²Division of Gastroenterology, University Health Network, Toronto, Canada
7. T cell characteristics during acute hepatitis B virus infection 116
S.B. Willemse^{1,2}, A. de Niet^{1,2}, F. Stelma^{1,2}, M.J. Tempelmann Plat-Sinnige², E.B.M. Remmerswaal², H.W. Reesink¹, E.M.M. Leeuwen², ¹Dept of Gastroenterology and Hepatology, and ²Dept of Experimental Immunology, Academic Medical Center, Amsterdam, The Netherlands
8. The number of human commensal bacterium *Faecalibacterium prausnitzii* is significantly increased in the fecal samples of patients with active Crohn's disease
E. Caljouw¹, M.R.K.L. Lie¹, M. Elizabeth¹, M.P. Peppelenbosch¹, C.J. van der Woude¹, S.R. Konstantinov¹, ¹Dept of Gastroenterology and Hepatology, Erasmus MC, University Medical Center, Rotterdam, The Netherlands
9. Bacterial translocation to the pancreas revealed after analyses of the pancreatic cyst fluids 39
V. Narayanan¹, W.K. Utomo¹, M.J. Bruno¹, M.P. Peppelenbosch¹, H. Braat¹, S.R. Konstantinov¹, ¹Dept of Gastroenterology and Hepatology, Erasmus MC, University Medical Center, Rotterdam, The Netherlands
10. Expression and localization of IL-21 in the gastrointestinal mucosa of pediatric Crohn's Disease patients
L.M.M. Costes¹, D.J. Lindenberg-Kortleve¹, M.A. van Leeuwen¹, S. Veenberg⁹², C.I. de Bie¹, J.C. Escher¹, L. de Ridder¹, J.N. Samsom¹, ¹Dept of Pediatric Gastroenterology, Erasmus MC, Sophia Children's Hospital, Rotterdam, The Netherlands
11. Overexpression of Cyp27a1 in hematopoietic cells reduces hepatic inflammation independently of 27-hydroxycholesterol levels in plasma and liver
T. Hendriks, M.L.J. Jeurissen¹, V. Bieghs¹, S.M.A. Walenbergh¹, P.J. van Gorp¹, F. Verheyen¹, T. Houben¹, Y. Dias Guichot¹, M.J.J. Gijbels¹, G.H. Koek¹, E. Leitersdorf², M.H. Hofker³, D. Lütjohann⁴, R. Shiri-Sverdlov¹, ¹Depts of Molecular Genetics, Molecular Cell Biology, Electron Microscopy, Pathology and Internal Medicine; Nutrition and Toxicology Research (NUTRIM) and Cardiovascular Research (CARIM) Institutes of Maastricht, University of Maastricht, Maastricht, The Netherlands, ²Dept of Medicine, Hadassah-Hebrew University Medical Center, Jerusalem, Israel, ³Dept of Pathology and Laboratory Medicine, University Medical Center Groningen, University of Groningen, Groningen, The Netherlands, ⁴Institute of Clinical Chemistry and Clinical Pharmacology, University of Bonn, Bonn, Germany
12. Characterization and quantification of human dendritic cell subsets in healthy and diseased livers 39
E. van der Aa¹, P.J. Biesta¹, F. Ayhan¹, H.L.A. Janssen¹, A.M. Woltman¹, ¹Dept of Gastroenterology and Hepatology, Erasmus MC, University Medical Center, Rotterdam, The Netherlands

Theme Metabolism and therapy – Chairs: A.A. te Velde and R.K. Weersma

09.00 De postersessie van de DEGH vindt plaats tussen 09.00 en 11.00 uur. Vanaf 09.00 uur zullen alle posters worden gepresenteerd in een plenaire sessie met behulp van een powerpoint slide. Na het presenteren van de posters zal er gelegenheid zijn tot het stellen van vragen bij de desbetreffende posters. In de zaal is een ontbijtbuffet aanwezig.

1. **LGR5+ liver organoids as a model to study polycystic liver disease**
E.S. Wills^{1,2}, R. te Morsche¹, R. Roepman^{2,3}, J.H. de Wilt⁴, M. Huch⁵, H. Clevers⁵, J.P.H. Drenth¹, ¹Dept of Medicine, Division of Gastroenterology and Hepatology, ²Dept of Human Genetics, ³Nijmegen Center for Molecular Life Sciences, and ⁴Dept of Surgery, Radboud University Medical Center, Nijmegen, ⁵Hubrecht Institute for Developmental Biology and Stem Cell Research, University Medical Center Utrecht, Utrecht, The Netherlands
2. **MicroRNAs to assess warm ischemic injury during machine perfusion of liver grafts from circulatory death donors**
C.J. Verhoeven¹, D. Monbaliu², I. Habib¹, J. de Jonge¹, T. Wylin², I. Jochmans², V. Heedfeld², Metselaar¹, J. Kwekkeboom¹, ¹F. de Bruin¹, G. Kazemier³, J. IJzermans¹, J. Pirenne², L.J.W. van der Laan¹, ¹Dept of Surgery and Gastroenterology and Hepatology, Erasmus Medical Center, Rotterdam, The Netherlands, ²Dept of Abdominal Transplant Surgery, University Hospitals/ KU Leuven, Belgium, ³Dept of Surgery, VU Medical Center, Amsterdam, The Netherlands
3. **Increased expression efficiency by codon optimization for viral gene therapy of Crigler-Najjar syndrome**
R. van Dijk¹, N. van Til², C. Riviere³, S. Duijst¹, D.R. de Waart¹, U. Beuers^{1,4}, P.J. Bosma¹, ¹Tytgat Institute for Liver and Intestinal Research, Academic Medical Center, University of Amsterdam, Amsterdam, ²Dept of Hematology, Erasmus University Medical Center, Rotterdam, The Netherlands, ³Genethon, Evry, France, ⁴Dept of Gastroenterology and Hepatology, Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands
4. **Secretory leukocyte protease inhibitor (SLPI) is a potent regulator of small intestinal myeloid cell driven tolerance**
C.L. Menckeborg¹, Y. Simons-Oosterhuis¹, D.J. Lindenberg-Kortleve¹, L. de Ruiter¹, H.C. Raatgeep¹, L.A. van Berkel¹, P.E. van Lierop², E.E.S. Nieuwenhuis², L. de Ridder³, J.C. Escher³, J.N. Samsom¹, ¹Laboratory of Pediatrics, Division of Gastroenterology and Nutrition, Erasmus MC, Rotterdam, ²Wilhelmina Children's Hospital, Utrecht, ³Dept of Pediatric Gastroenterology, Sophia Children's Hospital, Rotterdam, The Netherlands
5. **Co-administration of 5-aminosalicylic acid to 6-mercaptopurine reduces in vitro hepatotoxicity in HepaRG cells**
M.M.T.J. Broekman¹, H.M.J. Roelofs¹, M. Kerstholt¹, F. Hoentjen¹, W.H.M. Peters¹, G.J.A. Wanten¹, D.J. de Jong¹, ¹Dept of Gastroenterology, Radboud University Medical Center, Nijmegen, The Netherlands

Vrijdag 21 maart 2014

6. High throughput compound library screen to identify selective FXR agonists for inflammatory bowel disease
I.T.G.W. Bijsmans¹, D. Lelieveld², D.A. [89]n², S.W.C. van Mil¹, ¹Molecular Cancer Research, Section Metabolic Diseases, and ²Cell Screening Center, Dept of Cell Biology, University Medical Center Utrecht, Utrecht, The Netherlands
7. In vitro pancreas toxicity by azathioprine but not 6-mercaptopurine [41]
M.M.T.J. Broekman¹, H.M.J. Roelofs¹, T. Demir¹, F. Hoentjen¹, W.H.M. Peters¹, G.J.A. Wanten¹, D.J. de Jong¹, ¹Dept of Gastroenterology, Radboud University Medical Center, Nijmegen, The Netherlands
8. IMPDH2-targeted constraint of cell growth in hepatocellular carcinoma by mycophenolic acid [17]
K. Chen^{1,2}, K. Man³, H.J. Metselaar¹, H.L.A. Janssen^{1,4}, J. Kwekkeboom¹, D. Sprengers¹, M.J. Bruno¹, M.P. Peppelenbosch¹, Q. Pan¹, ¹Dept of Gastroenterology and Hepatology, Erasmus MC, University Medical Center, Rotterdam, The Netherlands, ²Xinyuan Institute of Medicine and Biotechnology, College of Life Sciences, Zhejiang Sci-Tech University, Hangzhou, China, ³Dept of Surgery, the Hong Kong University, Hong Kong, ⁴Division of Gastroenterology, University Health Network, Toronto, Canada
9. Ophthalmate levels following paracetamol challenge during hepatectomy: a translational model of liver function
K. van Mierlo¹, S.A.W.G. Dello¹, M.C. de [19]t¹, H.M.H. van Eijk¹, T.M. de Kok³, J.J. Briedé³, S.W.M. Olde Damink^{1,2}, C.H.C. Dejong¹, ¹Dept of Surgery, Maastricht University Medical Center and Nutrim School for Nutrition, Toxicology and Metabolism, Maastr[37] University, Maastricht, The Netherlands, ²Dept of Surgery, University College London Hospitals and University College London, Division of Surgery and Interventional Science, London, United Kingdom, ³Dept of Health Risk Analysis and Toxicology, Maastricht University Medical Center, Maastricht University, Maastricht, The Netherlands
10. Qualitative comparison between two mouse hepatocyte culture systems for bile salt signalling study [64]
E.H. Gilgioni^{1,2}, I.C. Gaemers¹, R.P.J. Oude Elferink¹, ¹Tytgat Institute for Liver and Intestinal Research, Academic Medical Center, Amsterdam, The Netherlands, ²Dept of Physiological Science, State University of Maringá, Brazil
11. Melatonin suppresses the activation of hepatic stellate cells [9]
S. Shajari¹, L. Almudena¹, H. Moshage¹, K.N. Faber¹, ¹Dept of Gastroenterology and Hepatology, University Medical Center Groningen, University of Groningen, Groningen, The Netherlands
12. Efficacy of absorbable embolization materials for portal vein embolization to induce liver regeneration in a rabbit model
F. Hul[26]an¹, K.P. van Lienden², J. Verheij³, T.M. van Gulik¹, ¹Dept of Surgery, ²Dept of Radiology, and ³Dept of Pathology, Academic Medical Center, Amsterdam, The Netherlands
13. Intestinal FXR is essential in the hepatic growth response to prolonged cholic acid exposure
M. Doktorova¹, F.A.J.A. Bodewes¹, H.J. Verkade¹, J.W. Jonker¹, ¹Center for Liver, Digestive and Metabolic Diseases, Dept of Pediatrics, University Medical Center Groningen, Groningen, The Netherlands

DEGH oral presentations

Baroniezaal

Voorzitters: K.K. Krishnadath en P.D. Siersema

- 11.30 Translational science teaching Session: Barrett's Esophagus
Clinical aspects: *prof. dr. P.D. Siersema, MDL-arts, UMC Utrecht*
- 11.55 Translational/basic science aspects: *prof. dr. K.K. Krishnadath, MDL-arts, AMC, Amsterdam*

Voordrachten in het Engels, spreektijd 8 minuten, discussietijd 4 minuten

- 12.20 Overexpression of HOXA13 in Barrett's esophagus is a potential mediator of its posterior phenotype (p. 160)
V.T. Janmaat¹, A.P. Verhaar¹, M.J. Bruno¹, M.P. Peppelenbosch¹, M.C.W. Spaander¹, ¹Dept of Gastroenterology and Hepatology, Erasmus University Medical Center, Rotterdam, The Netherlands
- 12.32 Comprehensive profiling of plasma microRNAs reveals potential biomarkers for Barrett's esophagus and esophageal adenocarcinoma (p. 161)
J.W.P.M. van Baal¹, P. Bus¹, C. Kestens¹, F.J.W. ten Kate², W.H.M. Peters³, J.P.H. Drenth³, J.M. Roodhart⁴, ¹⁰¹ Voest⁴, P.D. Siersema¹, ¹Dept of Gastroenterology and Hepatology, and ²Dept of Pathology, University Medical Center Utrecht, ³Dept of Gastroenterology, Radboud University Medical Center, Nijmegen, ⁴Dept of Medical Oncology, University Medical Center Utrecht, Utrecht The Netherlands
- 12.45 Lunchbuffet in de expositiehal

DEGH oral presentations

Baroniezaal

Voorzitters: G. Dijkstra en P.C.F. Stokkers

- 14.00 Translational Science Teaching Session: Inflammatory Bowel Disease
Clinical aspects: *Dr. P.C.F. Stokkers, MDL-arts, St. Lucas Andreas Ziekenhuis*
- 14.24 Translational/Basic science aspects: *Prof. dr. G. Dijkstra, MDL-arts, UMC Groningen*

Vrijdag 21 maart 2014

Voordrachten in het Engels, spreektijd 8 minuten, discussietijd 4 minuten

- 14.48 Trans-ethnic association study of IBD identifies 14 new disease loci and demonstrates pervasive sharing of genetic risk factors and phenotypic features between Europeans and Non-Europeans (p. 162)

S. van Sommeren^{1,2*}, J.Z. Liu^{3*}, A. Takahashi⁴, J.C. Lee⁵, B.K. Thelma⁶, R. Malekzadeh⁷, J.C. Barrett³, J.H. Cheon⁸, H. Huang⁹, A. Franke¹⁰, International IBD Genetics Consortium, M. Parkes⁵, A.P. Morris¹¹, B.Z. Alizadeh¹², S.C. Ng¹³, C.A. Anderson³, M. Kubo¹⁴, R.K. Weersma¹, ¹Dept of Gastroenterology and Hepatology, and ²Dept of Genetics, University of Groningen, University Medical Center Groningen, Groningen, The Netherlands, ³ Wellcome Trust Sanger Institute, Wellcome Trust Genome Campus, Hinxton, Cambridge, UK, ⁴Laboratory for Statistical Analysis, Center for Genomic Medicine, RIKEN, Yokohama, Japan, ⁵Inflammatory Bowel Disease Research Group, Addenbrooke's Hospital, University of Cambridge, Cambridge, UK, ⁶Dept of Genetics, University of Delhi South Campus, New Delhi, India, ⁷Digestive Diseases Research Institute, Shariati Hospital, Tehran, Iran, ⁸Dept of Internal Medicine and Institute of Gastroenterology, Yonsei University College of Medicine, Seoul, Korea, ⁹Analytic and Translational Genetics Unit, Dept of Medicine, Massachusetts General Hospital, Boston, Massachusetts, USA, ¹⁰Institute of Clinical Molecular Biology, Christian-Albrechts-University of Kiel, Kiel, Germany, ¹¹Wellcome Trust Centre for Human Genetics, University of Oxford, Oxford, UK, ¹²Dept of Epidemiology, University of Groningen, University Medical Center Groningen, Groningen, The Netherlands, ¹³Institute of Digestive Disease, Chinese University of Hong Kong, Hong Kong, ¹⁴Laboratory for Genotyping Development, Center for Genomic Medicine, RIKEN, Yokohama, Japan

- 15.00 Interleukin-10 inhibits human IFN γ -secreting effector T cells indirectly by controlling antigen-presenting cell function (p. 163)

S. Veenbergen¹, M.A. van Leeuwen¹, G.J. Driessen², L.F. de Ruiter¹, H.C. Raatgeep¹, D.J. Lindenbergh-Kortleve¹, Y. Simons-Oosterhuis¹, L. de Ridder¹, J.C. Escher¹, J.N. Samsom¹, ¹Dept of Pediatric Gastroenterology, Erasmus MC, Sophia Children's Hospital, Rotterdam, ²Dept of Pediatric Infectious Disease and Immunology, Erasmus MC, Rotterdam, The Netherlands

- 15.12 The role of microRNA-142-5P in experimental colitis (p. 164)

C. Kunne¹, M.M.W. Slaman¹, F.H. van Dooren¹, S.L. Meijer², K. Fluiters³, E.W. Vogels¹, P.D. Moerland⁴, A.A. te Velde¹, ¹Tytgat Institute for Liver and Intestinal Research, ²Dept of Pathology, ³Dept of Neurogenetics, and ⁴Dept of Clinical Epidemiology, Biostatistics and Bioinformatics, Academic Medical Center, Amsterdam, The Netherlands

- 15.24 Identification of novel non-transcriptionally acting glucocorticoid receptor ligands that suppress T cell activation but lack adipogenic activity (p. 165)

A.P. Verhaar^{1,2}, R. Dvorsky³, M.E. Wildenberg², M. Löwenberg², M.P. P. ¹²elenbosch⁴, D.W. Hommes^{1,5*}, G.R. van den Brink^{2*}, ^{*}Both authors contributed equally, ¹Dept of Gastroenterology and Hepatology, Leiden University Medical Center, Leiden, ²Tytgat Institute for Liver and Intestinal Research and Dept of Gastroenterology and Hepatology, Academic Medical Center, Amsterdam, The Netherlands, ³Max Planck Institute of Molecular Physiology, Dortmund, Germany, ⁴Dept of Gastroenterology and Hepatology, Erasmus MC, University Medical Center, Rotterdam, The Netherlands, ⁵Center for Inflammatory Bowel Diseases, University of California Los Angeles, Los Angeles, USA

- 15.36 Differential induction of dendritic cell-mediated T cell tolerance in the small and large intestine (p. 166)

S. Veenbergen¹, M.F. du Pré¹, L.A. van Berkel¹, F. Luk¹, Y. Simons-Oosterhuis¹, J.N. Samsom¹, ¹Dept of Pediatric Gastroenterology, Erasmus Medical Center, Sophia Children's Hospital, Rotterdam, The Netherlands

Vrijdag 21 maart 2014

- 15.48 Efficacy of a novel JAK1-specific inhibitor in a mouse model of acute and chronic colitis (p. 167)
J. Duarte¹, L. de Vries^{1,4}, F. Hilbers¹, M. de Winther^{2,5}, M. Sims³, V. Ludbrook³, M. Woodrow³, J. Witherington³, G. D'Haens⁴, W.J. de Jonge^{1,4}, ¹Tytgat Institute for Liver and Intestinal Research, and ²Dept of Medical Biochemistry, Academic Medical Center, Amsterdam, The Netherlands, ³Kinase DPU, GlaxoSmithKline, Stevenage, UK, ⁴Dept of Gastroenterology and Hepatology, Academic Medical Center, Amsterdam, The Netherlands
- 16.00 **Abstract and Poster prizes**
- 16.10 Einde programma

Vrijdag 21 maart 2014

Voordrachten Ned. Vereniging voor Gastroenterologie en Sectie IBD **Parkzaal**

Voorzitters: J.J. Keller en J.J. Kolkman

Voordrachten in het Nederlands, spreektijd 7 minuten, discussietijd 3 minuten

09.30 Gluten degrading enzyme effectively digests gluten in the stomach and small intestine of healthy volunteers (p. 168)

B. Salden^{1*}, V. Monserrat^{3*}, F.J. Troost¹, M.J. Bruins², L. Edens², R. Bartholomé⁴, B. Winkens⁵, F. ¹¹ing³, A. Masclee^{1,†}Dept of Internal Medicine, division of Gastroenterology-Hepatology, NUTRIM, Maastricht University Medical Center, Maastricht, The Netherlands; ² DSM Biotechnology Centre, Delft, The Netherlands; ³ Dept of Immunohematology and Blood Transfusion, Leiden University Medical Centre, Leiden, The Netherlands; ⁴Dept of Pharmacology and Toxicology, NUTRIM, University Maastricht, The Netherlands; ⁵Dept of Methodology and Statistics, Maastricht University Medical Center, Maastricht, The Netherlands; *these authors contributed equally to this work.

09.40 High frequency of concomitant immune-mediated diseases in celiac disease in a large Dutch cohort (p. 169)

Spijkerman M¹, Visschedijk MC^{1,2}, Withoff S², Wijmenga C², Kolkman JJ^{1,3}, Weersma RK¹,¹ University Medical Centre Groningen, Dept. of Gastroenterology and Hepatology, The Netherlands, ²University Medical Centre Groningen, Dept. of Genetics, The Netherlands,³ Medical Spectrum Twente, Dept. of Gastroenterology and Hepatology, The Netherlands.

09.50 Relapse rates of type 1 and 2 autoimmune pancreatitis: long-term outcome (p. 170)

J. Buijs¹, D.L. Cahen¹, M.J. van Heerde¹, E.A. Rauws², L.J. Maillette de Buij Wenniger², B.E. Hansen¹, K. Biermann¹, J. Verheij², F.P. Vleggaar³, M.A. Brink⁴, U.H.W. Beuers², H.R. van Buuren¹, M.J. Bruno¹,¹ Erasmus University Medical Center, Rotterdam, The Netherlands² Academic Medical Center, Amsterdam, The Netherlands³ University Medical Center Utrecht, The Netherlands⁴ Meander Medical Center, Amersfoort, The Netherlands

10.00 Incidence of Microscopic Colitis in the Netherlands. A Nationwide Population-Based Study from 2000-2012 (p. 171)

B.P.M. Verhaegh^{1,2}; D.M.A.E. Jonkers^{1,2}; A.Driessen³; M.P. Zeegers^{2,4,5}; A.A.M. Masclee^{1,2}; M.J. Pierik¹,¹ Division Gastroenterology-Hepatology, Dept of Internal Medicine, Maastricht University Medical Center+, Maastricht, the Netherlands² NUTRIM, School for Nutrition, Toxicology and Metabolism, Maastricht University Medical Center+, Maastricht, the Netherlands³ Dept of Pathology; Maastricht University Medical Center+, Maastricht, the Netherlands⁴ Dept of Complex Genetics, Cluster of Genetics and Cell Biology, Maastricht University Medical Center+, Maastricht, the Netherlands⁵ Dept of Public Health, Epidemiology and Biostatistics, University of Birmingham, Birmingham, United Kingdom

10.10 Immunoglobulin-bound bacteria in pediatric IBD patients (p. 172)

R.A.A.M. Govaarts^{1,2}, D. Zaidi^{1,2}, R. Valcheva², Y. Lou^{1,2}, C.J.J. Mulder⁴, L.A. Dieleman^{2,3}, E. Wine^{1,2}
¹Division of Pediatric Gastroenterology, Dept of Pediatrics, University of Alberta, Edmonton, Alberta, Canada ² Centre of Excellence for Gastrointestinal Inflammation and Immunity Research, University of Alberta, Edmonton, Alberta, Canada ³ Division of Gastroenterology, Dept of Medicine, University of Alberta, Edmonton, Canada, ⁴Department of Gastroenterology and Hepatology, VU University Medical Center, Amsterdam, the Netherlands

Vrijdag 21 maart 2014

- 10.20 Lower abundance of Uncultured Clostridiales in PSC patients (p. 173)
N.G.M. Rossen¹, S. Fuentes², ³X. Boonstra¹, G. D'Haens¹, H.G.H.J. Heilig², E.G. Zoetendal², W. M. de Vos², C.Y. Ponsioen¹, ¹Dept of Gastroenterology and Hepatology, Academic Medical Center, Amsterdam, the Netherlands. ²Laboratory of Microbiology, Wageningen University, Wageningen, the Netherlands.
- 10.30 High Infliximab trough levels are associated with impaired quality of life in IBD patients in clinical and biochemical remission on maintenance IFX therapy (p. 174)
L.M.C. Vos, J.F. Brandse, C. Ponsioen, G. van den Brink, G.R.A.M. D'Haens, M. Löwenberg, Academisch Medisch Centrum, Amsterdam, The Netherlands
- 10.40 Low dose naltrexone in therapy resistant IBD, a case series (p. 175)
M.R.K.L. Lie, G.M. Fuhler, A. de Lima, C. van der Ent, C.J. van der Woude, Dept of Gastroenterology, Erasmus University Hospital, Rotterdam, The Netherlands
- 10.50 Interspace microbiome profiling (IS-pro) enables to differentiate IBD subclasses and disease activity by specific loss of bacterial diversity (p. 176)
M.E. Grasmann¹, R. van der Borden^{1,2}, A.E. Budding², A. Eck Hauer², P.H.M. Savelkoul², A.A. van Bodegraven³, ¹VU Medisch Centrum, afdeling Gastroenterologie en Hepatologie, ²VU Medisch Centrum, afdeling Medische Microbiologie en Infectiepreventie, ³ORBIS Medisch Centrum, afdeling Gastroenterologie en Hepatologie
- 11.00 Koffiepauze

Vrije voordrachten Sectie Inflammatoire Darmziekten

Parkzaal

Voorzitters: G. Dijkstra en R. West

Voordrachten in het Nederlands, spreektijd 7 minuten, discussietijd 3 minuten

- 11.30 ¹Preconception care in IBD women leads to less disease relapses during pregnancy (p. 177)
A. de Lima¹, Z. Zelinkova^{1,2}, C. van der Ent¹, C.J. van der Woude¹, ¹Erasmus Medical Center, Rotterdam, The Netherlands ²University Hospital, Bratislava, Slovakia
- 11.40 Anti-TNF is safe to stop in the second trimester of pregnancy in IBD women in remission (p. 178)
A. de Lima¹, Z. Zelinkova^{1,2}, C. Van der Ent¹, C.J. van der Woude¹, ¹Erasmus Medical Center, Rotterdam, The Netherlands ²University Hospital, Bratislava, Slovakia

Vrijdag 21 maart 2014

- 11.50 Decision-making, counselling and course of pregnancy in female inflammatory bowel disease patients (p. 179)
J. Hoekstra¹, J.E. Baars¹, A.H.C. van Roon¹, M. Kimmel¹, M. Zwijnenburg², F.C. Bekkering², A.J.P. van Tilburg¹, R.L. West¹, ¹Dept of Gastroenterology and Hepatology, Sint Franciscus Gasthuis, Rotterdam, ²Dept of Gastroenterology and Hepatology, IJsselland Hospital, Capelle aan de IJssel, The Netherlands
- 12.00 The Pharmacokinetics of Infliximab and Markers for Response to Induction Therapy in Patients with moderate to severe Ulcerative Colitis (p. 180)
J.F. Brandse¹, J.M. Jansen², D. van der Kleij³, G.J. Wolbink^{3,4}, I.M. Rigtel⁵, P.A. Baars⁶, M. Löwenberg^{1,8}, C.Y. Ponsioen¹, G.R. van den Brink¹, R.A. Mathôt⁵, G.R. D'Haens¹, ¹ Dept of Gastroenterology, Academic Medical Center, Amsterdam, The Netherlands ² Dept of Gastroenterology, Onze Lieve Vrouwe Gasthuis, Amsterdam ³ Biologicals Laboratory, Sanquin Diagnostic Services, Amsterdam ⁴ Dept of Rheumatology, Jan van Bremen Research Institute, Reade, Amsterdam ⁵ Dept of Hospital Pharmacy, Academic Medical Center, Amsterdam ⁶ Dept of Experimental Immunology, Academic Medical Center, Amsterdam
- 12.10 Large variation in infliximab trough levels is associated with disease activity in pediatric Inflammatory Bowel Disease (p. 181)
D.R. Hoekman¹; J.F. Brandse²; T.G. de Meij³; ²⁰ Hummel¹; M. Lowenberg²; M.A. Benninga¹; G.R.A.M. D'Haens²; A. Kindermann¹, ¹Pediatric Gastroenterology and Nutrition, Academic Medical Center/Emma Children, Amsterdam, Netherlands. ²Gastroenterology, Academic Medical Center, Amsterdam, Netherlands. ³Pediatric Gastroenterology, VU University Medical Center, Amsterdam, Netherlands.
- 12.20 Top-down versus step-up treatment in newly diagnosed Crohn: no difference in long-term outcome (p. 182)
J.A. Stibbe¹; D.R. Hoekman¹; F.J. E. ³⁰ ²; P. Caenepeel³; P. Vergauwe⁴; M. De Vos⁵; S.A. Vermeire³ G.R.A.M.S. D'Haens¹, ¹Dept of Gastroenterology, Academic Medical Center, Amsterdam, the Netherlands ²Dept of Gastroenterology, AZ Delta, Roeselare, Belgium ³Dept of Gastroenterology, University Hospital Gasthuisberg, Leuven, Belgium ⁴Dept of Gastroenterology, AZ Groeninge Hospital, Kortrijk, Belgium ⁵Dept of Gastroenterology, Ghent University Hospital, Ghent, Belgium
- 12.30 Skewed thiopurine metabolism leads to early therapeutic failure in the majority of patients with inflammatory bowel disease (p. 183)
Kreijne, J.E.¹, M.L. ²⁴ ¹nen, M.L.¹, Sinjewel, A.², Bouma, G.¹, Mulder, C.J.¹, van Bodegraven, A.A.¹ and de Boer, N.K.H.¹, ¹VU University Medical Center, Gastroenterology and Hepatology, Amsterdam, Netherlands ²VU University Medical Center, Pharmacy Dept, Amsterdam, Netherlands
- 12.40 Early assessment of thiopurine metabolites predicts thiopurine-induced leukopenia in inflammatory bowel disease patients (p. 184)
D.R. Wong¹, M.J.H. Coenen², L.J.J. Derijks³, C.J. van Marrewijk², S.H. Vermeulen^{2,4}, A. ¹¹¹ Verbeek⁴, B. Franke^{2,6}, H.-J. Guchelaar⁷, D.J. de Jong⁸, L.G.J.B. Engels⁹, P.M. Hooymans¹; on behalf of the TOPIC study group., ¹ Dept of Clinical Pharmacy and Toxicology, Orbis Medical Centre, Sittard-Geleen, The Netherlands; ² Dept of Human Genetics, Radboud University Medical Centre, Nijmegen, The Netherlands; ³ Dept of ⁷⁴ ¹ical Pharmacy, Máxima Medical Centre, Veldhoven, The Netherlands; ⁴ Dept for Health Evidence, Radboud University Medical Centre, Nijmegen, The Netherlands; ⁵ Dept of Pharmacoepidemiology and Pharmacotherapy, Utrecht Institute of Pharmaceutical Sciences, Utrecht University, The Netherlands; ⁶Dept of Psychiatry, Radboud University Medical Centre, Nijmegen, The Netherlands; ⁷ Dept of Clinical Pharmacy and Toxicology, Leiden University Medical Centre, Leiden, The Netherlands; ⁸Dept of Gastroenterology, Radboud University Medical Centre, Nijmegen, The Netherlands; ⁹ Dept of Gastroenterology, Orbis Medical Centre, Sittard-Geleen; The Netherlands

Vrijdag 21 maart 2014

- 12.50 FcR-mediated effector function contributes to the therapeutic response of anti-TNF monoclonal antibodies in a ³ouse model of IBD (p. 185)
A.D. Levin,¹ M.E. Wildenberg,¹ G.R.A.M. D'Haens,² and G.R. van den Brink.^{1,2,1} Tytgat Institute for Liver and Intestinal Research, Academic Medical Center, Amsterdam, the Netherlands ²Dept of Gastroenterology & Hepatology, Academic Medical Center, Amsterdam, the Netherlands
- 13.00 Korte ledenvergadering Sectie Inflammatoire Darmziekten
- 13.15 Lunchbuffet in de expositiehal.

Voorzitters: C.F. Jonkers en G.J.A. Wanten

Voordrachten in het Nederlands, spreektijd 7 minuten, discussietijd 3 minuten

- 10.00 Interrater reliability of the Chicago Classification in pediatric high-resolution esophageal manometry recordings (p. 186)
M.J. Smits¹, M.M.J. Singendonk^{1,2}, I.E. Heijting^a, M.P. van Wijk¹, S. Nurko³, R. Rosen³, P.W. ²⁰nborg⁶, R. Abu-Assi², D.R. Hoekman¹, G. Seiboth², M.A. Benninga¹, T.I. Omar^{2,4,5}, S. Kritis², ¹Dept of Pediatric Gastroenterology, ³² Nutrition, Emma Children's Hospital AMC, Amsterdam, The Netherlands ⁶⁰ Gastroenterology Unit, Women's and Children's Health Network, North Adelaide, Australia; ³Center for Motility and Functional Gastrointestinal Disorders, Division of Gastroenterology, Children's Hospital Boston, Boston, USA; ⁴ School of Medicine, Flinders University, Bedford Park, South Australia; ⁵Translational Research Center for Gastrointestinal Diseases, University of Leuven, Belgium; ⁶ Dept of Gastroenterology and Hepatology AMC, Amsterdam, The Netherlands
- 10.10 ⁷⁹ The effect of oral vitamin B₁₂ supplementation on fatigue in patients with irritable bowel syndrome or inflammatory bowel disease (p. 187)
A.M. Scholten¹, E. Vermeulen², M. Koopmann³, T. Verhagen⁴, R.A. Dhonukshe-Rutten⁵, B.J.M. Witteman⁶, ¹Dept of Nutrition and Dietetics, Haagse Hogeschool, The Hague, ²Dept of European Law, University of Groningen, ³ Dept of Clinical Pharmacy, Gelderse Vallei Hospital, Ede, ⁴Dept of Nutrition, NCOI, Eindhoven, ⁵Dept of Human Nutrition, Wageningen University, ⁶Dept of Gastroenterology, Gelderse Vallei Hospital, Ede, The Netherlands
- 10.20 Comprehensive nutritional status of patients with (refractory) coeliac disease and ³⁶ATL at diagnosis (p. 188)
N.J. Wierdsma¹, P. Nijeboer², M.A.E. de van ⁸ Schueren¹, G. Bouma², A.A. van Bodegraven², C.J.J. Mulder², ¹Dept of Nutrition and Dietetics, and ²Dept of Gastroenterology, VU University Medical Center, Amsterdam, The Netherlands
- 10.30 Taurine and major surgical trauma, role of the route of nutrition (p. 189)
F.F.B.M. Heesakkers¹, P.G. Boelens³, M.D.P. Luyer¹, K.W.Y. van Barneveld⁴, A.N. Roos², J. Bakker, N.D. Bouvy⁴, H.J.T. Rutten^{1,5}, ¹Dept of Surgery, and ²Dept of Intensive Care Medicine, Catharina Hospital, Eindhoven, ³Dept of Surgery, Leiden University Medical Center, Leiden, ⁴Dept of Surgery, and ⁵Research Institute Growth and Development, Maastricht University Medical Center, Maastricht, The Netherlands
- 10.40 Unimpaired anabolic response to oral meal feeding in patients with pancreatic cancer cachexia (p. 190)
D.P.J. van Dijk¹, M.C.G. van de Poll^{1,2}, A.G.W. Moses³, T. Preston⁴, S.W.M. Olde Damink¹, S.S. Rensen¹, N.E.P. Deutz¹, P.B. Soeters¹, J.A. Ross³, K.C.H. Fearon³, C.H.C. Dejong^{1,3}, ¹Dept of Surgery, Maastricht University Medical Center and NUTRIM School of Nutrition, Toxicology and Metabolism, ⁴⁶ Maastricht University, ²Dept of Intensive Care Medicine, Maastricht University Medical Center, The Netherlands, ³Dept of Surgery, Royal Infirmary of Edinburgh, Scotland, ⁴Stable Isotope Biochemistry Laboratory, Scottish Universities Environmental Research Centre, East Kilbride, Glasgow, Scotland

Vrijdag 21⁴ maart 2014

10.50 Enteral glutamine administration increases urea production (p. 191)
M.C.G. van de ¹11², S.W.M. Olde Damink¹, C.H.C. Dejong¹, ¹Dept of Intensive Care Medicine, and
²Dept of General Surgery, Maastricht University Medical Center, Maastricht, The Netherlands

11.00 Koffiepauze

Symposium NESPEN

Zaal 80



Symposium 'klinisch voedingsonderzoek'

Voorzitters: Dr. M. de van der Schueren, Lector HAN, research diëtist VUmc
Dr. G. Wanten, gastroenterologist Radboudumc

11.15 Introductie en doelstellingen symposium
(Platform research dietitians and nurse practioners)
Dr. M.A.E. de van der Schueren

11.30 Sarcopenie, do's and don'ts met voeding bij ouderen
Prof. dr. ir. Marjolein Visser, hoogleraar 'Gezond ouder worden' aan het VUmc

12.10 Discussie

Presentaties onderzoek: 7 minuten presenteren / 3 minuten discussie

12.20 Rustmetabolisme van patiënten die in aanmerking komen voor een
levertransplantatie in het LUMC
A. Donker en A. Droop, diëtisten LUMC

12.30 Cross-culturele adaptatie van de Scored Patiënt-Generated Subjective
Global Assessment (PG-SGA) naar de Nederlandse setting
M.J. Sealy, RD, BSc, Hanze Hogeschool Groningen

Vrijdag 21 maart 2014

- 12.40 Onderzoek naar de fysiologische bijwerkingen op de korte- en lange termijn bij kinderen met refractaire epilepsie behandeld met het ketogeen dieet
E.J.T.M van der Louw, RD, EMC/ Sophia Kinderziekenhuis
- 12.50 ⁴⁵ Protein-enriched 'regular products' and their effect on protein intake in hospitalized older adults; a randomized controlled trial
S. Stelten, diëtist VUmc
- 13.00 Validity of the "rate a plate" method to estimate energy and protein intake in hospitalized patients
I.M. Dekker diëtist, VUmc
- 13.10 Proefschriftprijs presentatie
- 13.25 Uitreiking proefschriftprijs door voorzitter NESPEN
- 13.30 Wat hebben we vandaag geleerd ... waar willen we naartoe
C.F. Jonkers, RD, secretaris NESPEN
- 13.30 Lunchbuffet in de expositiehal

Vrijdag 21 maart 2014

Programma V&VN MDL

Beneluxzaal



- 10.10 Opening door de voorzitter
- 10.15 Barrett slokdarm, endoscopische detectie en behandeling
vroegcarcinomen
Mw. W. Rosmolen, MDL-arts i.o., AMC, Amsterdam
- 10.40 Maagcarcinoom
Mw. J. van Dieren, MDL-arts, Antoni van Leeuwenhoek Zks, Amsterdam
- 11.05 Behandeling van levermetastasen bij colorectaal carcinoom
Mw. H. Kleijwegt, verpleegkundig specialist, Zks Gelderse Vallei, Ede
- 11.25 Behandeling van darmkanker met chemotherapie
Mw. S. de Bie, verpleegkundig specialist, Medisch Centrum Alkmaar
- 11.45 Algemene ledenvergadering
Mw. T. Korpershoek, voorzitter V&VN Maag Darm Lever
- 12.15 Lunchbuffet in de expositiehal

Middagprogramma Endoscopieverpleegkundigen

Beneluxzaal

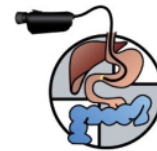
Voorzitter: W. Kok

- 13.45 Endo-echo en MDL oncologie
Mw. A. Vehmeijer, MDL-arts, Kennemer Gasthuis, Haarlem
- 14.15 Hoe gaat het verder na de scopie; operaties bij colorectaal carcinoom
Dhr. R. Smeenk, chirurg, Atrium MC, Heerlen
- 14.45 ERCP bij maligniteit
Dhr. M. Tushuizen, MDL-arts, Amstelland Ziekenhuis, Amstelveen
- 15.15 Einde programma

Vrijdag 21 maart 2014

Middagprogramma Lever-/IBD verpleegkundigen

Zaal 63



Voorzitter: N. Ipenburg

- 13.45 Hepatocellulair carcinoom
 Dhr. K.J. van Erpecum, MDL-arts, UMC Utrecht
- 14.15 IBD en extra-intestinale maligniteiten
 Mw. L. Nissen, AIOS MDL, UMC St Radboud, Nijmegen
- 14.45 Screening colorectaal carcinoom bij IBD
 Dhr. B. Oldenburg, MDL-arts, UMC Utrecht
- 15.15 Einde programma

Programma Voedingsverpleegkundigen / MDL kliniek verpleegkundigen **Zaal 64**

Voorzitter: A. Pouwelsen

- 13.45 Parenterale voeding bij de oncologische patiënt
 Mw. W. van Amsterdam, diëtist, Antoni van Leeuwenhoek Ziekenhuis, Amsterdam
- 14.15 Stomazorg na operatie voor colorectaal carcinoom
 Mw. J. Boots, stomaverpleegkundige, Gelre Ziekenhuis, Apeldoorn
- 14.45 Screening hereditair colorectaal carcinoom
 Mw. M. van Vugt, IBD verpleegkundige, UMC St Radboud, Nijmegen
- 15.15 Einde programma

Smad4-dependent regulation of hepatocellular carcinoma growth and progression

P.Y. Hernanda¹, C. Kan¹, A.M. Das², K. Sideras¹, S.J.A Bots¹, H.L.A. Janssen^{1,3}, L.L. Kodach⁴, H.J. Metselaar¹, J.Kwekkeboom¹, D. Sprengers¹, M.J. Bruno¹, T.L.M. ten Hagen², M.P. Peppelenbosch¹, Q.Pan¹, ¹Dept of Gastroenterology and Hepatology, and ²Laboratory of Experimental Surgical Oncology, Section Surgical Oncology, Dept of Surgery, Erasmus MC, University Medical Center, Rotterdam, The Netherlands, ³Division of Gastroenterology, University Health Network, Toronto, Canada, ⁴Dept of Gastroenterology and Hepatology, Leiden University Medical Center, Leiden, The Netherlands

SMAD4 is recognized as a central mediator of Transforming Growth Factor Beta (TGF- β) and Bone Morphogenetic Protein (BMP) signaling pathways which are involved in regulating tumor progression. In general, SMAD4 is considered a tumor suppressor. Here we investigated the role of SMAD4 in hepatocellular carcinoma (HCC). We performed immunohistochemical stainings in paraffin embedded-tissue microarray patient HCC (n=42). Three HCC cell lines were used for functional assay *in vitro* and in immune-deficient mice. The results were SMAD4 protein level was significantly higher in human HCC tissue compared with adjacent liver tissue (n=42, $p < 0.05$). High SMAD4 levels were significantly associated with higher recurrence rate ($p = 0.05$), shorter time to recurrence ($p < 0.05$) and more tumor lesion ($p < 0.01$). Interestingly, high SMAD4 levels were associated with low p-SMAD 1/5/8 (a downstream target of BMP signaling) expression, both in patients and HCC cell lines. Knockdown of SMAD4 in HCC cell lines showed a significant decrease of migratory and colony formation capacity, whereas ectopic overexpression of SMAD4 resulted in increased migration activity demonstrated by the ring-barrier migration assay. However, knockdown of SMAD4 conferred resistance to the anti-growth effects of BMP4, TGF- β and Activin in HCC cell lines. Interim analysis (at day 12) of xenograft experiment showed that Smad4 knockdown appears to delay tumor initiation of HCC cells in nude mice.

Conclusion: Basal SMAD4 expression is required for the anti-tumor function of BMP signaling in HCC. Elevated Smad4 expression correlates with poor outcome in HCC patients and more aggressive phenotype and function of HCC cells.

Smad4-dependent regulation of hepatocellular carcinoma growth and progression

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