

7th Meeting of the European Hereditary Tumour Group (EHTG)

Friday, Sept 29th – Sunday, Oct 1st 2023 Vilnius, Lithuania

Final Program



3

Invitation

7th Meeting - Vilnius, Lithuania

Dear Members, Friends, Affiliates and Sponsors,

We are delighted to invite you to the 7th annual EHTG meeting in beautiful Vilnius, Sept. 29 to Oct. 1 2023. Our lively program includes selected hot and controversial topics, debates, new interactive formats and our workshop day with in-depth scientific discussions. Join us in person or online during the hybrid event!

Days 1 (Friday) and 3 (Sunday) will follow the plenary format without parallel sessions. Day 2 (Saturday) is our dedicated working group (WG) day, with three parallel groups. The submitted abstracts were allocated to be presented in the different WGs and the highest rated abstracts will also be presented in a separate "best abstracts" session (day 1)

Additionally, our meeting dates are back-to-back with the European Society of Coloproctology's annual conference on Sept 27-29; we envisage that bilateral synergistic effects will result from this collaborative meeting. On Thursday, Sept. 28, we will host the ESCP-EHTG joint symposium at the ESCP venue. On Saturday, an additional EHTG-ESCP workshop is scheduled for clinicians interested in surgical management of hereditary predisposition syndromes.

After last year's successful launch, our 7th meeting provides an open platform for patient societies and networking. Continuing our international collaboration in this field, we welcome and encourage patients and patient societies to join us in person or virtually in Vilnius.

Vacation in beautiful Vilnius? Why not spend a few days before or after the meeting? Our venue, The Panorama Hotel, is located in Vilnius' old town, only 1.5km from the Gate of Dawn. The hotel's top-floor lounge gives guests spectacular panoramic city views. The historic Gediminas Tower and Town Hall Square can be reached within a 15-minute walk. Or head out further afield with the bus and train stations only a 3-minute walk from the Hotel.

Visit www.ehtg.org for more information and contact gs007@ehtg.org for all organisational queries. If you have any suggestions, please get in touch with any of the board members.

We are genuinely excited to see you in Vilnius!

Sincerely, your EHTG Board Members



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Organisation

Board Members: Aysel Ahadova (Germany)

Peter Bauerfeind (Switzerland)
John Burn (United Kingdom)
Mev Dominguez Valentin (Norway)
Fiona Lalloo (United Kingdom)
Gabriela Moslein (Germany)

Pål Møller (Norway)

Julian Sampson (United Kingdom)

Toni Seppala (Finland)

Rolf Sijmons (The Netherlands) Sanne ten Broeke (The Netherlands)

Program
Committee:

Mev Dominguez Valentin (Norway)

Aysel Ahadova (Germany) Elizabeth Half (Israel) Kelly Kohut (IJK)

Kelly Kohut (UK) Neil Ryan (UK)

Sanne ten Broeke (The Netherlands)

Laura Thomas (UK) Ingrid Winship (Australia)

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Location:

Panorama Hotel, Vilnius, Lithuania

https://panoramahotel.lt/ reservation@panoramahotel.lt

Only direct booking

Registration:

Only online via www.ehtg.org

Registration Fee:

See online via www.ehtg.org

Certification:

We have applied for certification by EACCME and expect the same

certification as last year (6/8/5)

Meeting Overview

Day 1 - Friday, September 29th

Time	Event
08:00 - 09:00	Registration
09:00 - 11:00	(wh)y-EHTG Session
11:00 - 11:30	Coffee Break
11:30 - 13:30	Plenary Session 1
13:30 - 14:30	Lunch
14:30 - 15:15	Big Debate
15:15 - 16:15	Panel discussion Gynaecological Surveillance
16:15 - 16:45	Coffee Break
16:45 - 17:45	Best of Abstracts
17:45 - 18:15	Welcome Reception
17:45 - 18:15	EHTG Nurses Meeting
20:00 +	y-EHTG Social Networking

We look forward to your personal attendance, but also offer the meeting with all sessions live online.

Meeting Overview

Day 2 - Saturday, September 30th

Time	Event	
08:00 - 09:00	Open PLSD Meetin	ng
09:00 - 11:00	Parallel Working Groups 1 - 3	EHTG-ESCP international Surgery Day "iSTOIC"*
11:00 - 11:30	Coffee Break	
11:30 - 13:30	Parallel Working Groups 4 - 6	EHTG-ESCP international Surgery Day "iSTOIC"*
13:30 - 14:30	Lunch	
14:30 - 16:30	Parallel Working Groups 7 - 9	EHTG-ESCP international Surgery Day "iSTOIC"*
		nal S urgical Group of T hose Inherited colorectal C ancer
16:30 - 17:00		
16:30 - 17:00 17:00 - 18:30	O perating o	

We look forward to your personal attendance, but also offer the meeting with all sessions live online.



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Meeting Overview

Day 3 - Sunday, October 1st

Time	Event
08:00 - 09:00	EHTG Business Meeting
09:00 - 10:00	WG Reporting Back Session and Collaborative Studies
10:00 - 10:30	Coffee Break
10:30 - 11:30	Hot Topics
11:30 - 12:30	Networking with patients representatives and organizations
12:30 - 13:00	Pathology and clinical data in childhood
13:00- 13:30	Lunch
13:30 - 14:00	Late Breaking Abstracts
14:00 - 14:45	Newly emerging technologies
14:45 - 15:00	Farewell

We look forward to your personal attendance, but also offer the meeting with all sessions live online.



Notes



Scientific Program

Room Humanitas

Day 1 - Friday, September 29th

08:00-09:00	Registration
09:00-11:00	(wh)y-EHTG Session Chairs: Sanne Bajwa-ten Broeke (Netherlands) Demetra Georgiou (UK) Aysel Ahadova (Germany)
8'+2'	Top abstract 1 Co-design of the Lynch Choices patient resource including cultural translation to improve equity, diversity and inclusion Kelly Kohut (UK)
8'+2'	Top abstract 2 The immune profile of Lynch syndrome- associated colorectal adenomas pinpoints the main determinants of immune activation Lena Bohaumilitzky (Germany)
8'+2'	Top abstract 3 Co-evolution of mismatch repair loss and the immune response in Lynch syndrome Ottilie Swinyard (UK)
09:30-10:00	Y-EHTG Dragons Den for new proposals
10:00-11:00	Y-EHTG show & tell
11:00-11:30	Coffee Break
11:30-13:30 2'	Opening remarks Gabriela Moeslein (Germany) Plenary Session 1 Chairs: Ann-Sofie Backman (Sweden)
	Matthias Kloor (Germany) Zohar Levi (Israel)
15'+5'	Clinical Translation of Cancer Immunoprevention Shizuko Sei (USA)
15'+5'	Evolving therapy of MMR-deficient CRC Frank A. Sinicrope (USA)
15'+5'	EHTG initiative: harmonization of global Lynch syndrome guidelines Giulia Cavestro (Italy)

Scientific Program



Day 1 - Friday, September 29th

15'+5'	New updated guidelines for FAP Gloria Zaffaroni (Italy)
15'+5'	Prenatal and Preimplantation Genetic Diagnosis Yael Goldberg (Israel)
	Guidelines for transgender care in Lynch Syndrome / Transgender challenges in healthcare Rachel Hodan (USA)
15'+5'	Esther van Enckevort (The Netherlands)
13:30-14:30	Lunch
14:30-15:15	Big Debate – Urological Surveillance Chairs: Elizabeth Half (Israel) Richard Gallon (UK) Tanya Bisseling (The Netherlands)
15' 15'	Urological surveillance in Lynch syndrome an opportunity for early detection? Possible and necessary/not an option and is unnecessary Marco Moschini (Italy) Ulla Nordstroem (Denmark)
15:15-16:15	Panel discussion Gynaecological Surveillance Is there a role for gynaecological surveillance in Lynch syndrome/HBOCS? Chairs: Neil Ryan (UK) Emma Crosbie (UK) Anja Wagner (The Netherlands)
7' + 3'	Ovarian cancer prevention in high-risk groups Robert Fruscio (Italy)
7' + 3'	Universal germline testing and/or dMMR tumor screening among all endometrial cancer patients Heather Hampel (USA) Gynaecological surveillance in high-risk
7' + 3'	groups in The Netherlands Ellis Eikenboom (The Netherlands)
30'	Panel Discussion

Scientific Program

Room Humanitas

Day 1 - Friday, September 29th

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16:15-16:45	Coffee Break
16:45-17:45	Best of Abstracts Chairs: Gabriel Capella (Spain) Jane Hübertz Frederiksen (Denmark) Lena Bohaumilitzky (Germany)
5'	Cancer in patients with Familial adenomatous polyposis - a nationwide Danish cohort study with matched controls. Anne Marie Jelsig (Denmark)
5'	Whole genome sequencing findings in families tested negative based on family history - Mev Dominguez (Norway)
5'	Experiences from direct provider-mediated cascade-testing in Lynch syndrome families – the Danish model. Lars Lindberg (Denmark)
5'	Outcomes of Lynch syndrome endometrial cancer surveillance in a nation-wide cohort. Anja Wagner (The Netherlands)
5'	Comprehensive molecular profiling of patient- derived tumor organoids uncovers in vitro drug sensitivities of sporadic and hereditary colorectal cancers. Erdogan Pekcan Erkan (Finland)
5'	Guidelines in "plain language" for patients affected by Lynch syndrome. Abstract 50 Katlijn Sanctorum (Belgium)
5'	Germline variants in PARP1 as potential cause of colonic polyposis in adults. Abstract 20 Laura Valle (Spain)
	Detection of microsatellite instability using plasma-derived extracellular vesicle DNA – a new perspective for tumor surveillance in Lynch syndrome?

Lena Bohaumilitzky (Germany)

Scientific Program



Day 1 - Friday, September 29th

	The optimal endoscopic surveillance in hereditary diffuse type gastric cancer; random or targeted biopsy taking?
5'	Tanya Bisseling (The Netherlands)
5'	Impact of Pathogenetic MMR Genotypes on Systemic Metabolomic Signatures. Tiina Jokela (Finland)
5'	An Exploration of the Somatic and Germline Mutational Profiles of Early-Onset Colorectal Cancer Based on Two UK Patient Cohorts. Penelope Edwards (UK)
5'	Colibactin mutational signatures in NTHL1 Tumor Syndrome, MUTYH Associated Polyposis and unexplained polyposis patients. Diantha Terlouw (The Netherlands)
17:45-18:15	Welcome Reception

17:45-18:15	Welcome Reception	
20:00 +	y-EHTG Social Networking	





Scientific Program

Room Humanitas

Day 1 - Friday, September 29th

18:30-20:00	EHTG Nurses Meeting
18:30-18:35	Welcome and introduction Laura Monje-Garcia (UK) Mechelle Loughrey (Ireland)
18:35-18:45	Summary of role and objectives of the EHTG Committee Member
18:45-19:15	Snapshot of current hereditary cancer nursing services Mechelle Loughrey (Ireland) Laura Monje-Garcia (UK) Celia Diez de los Rios (Spain)
19:15-19:25	Opportunity for attendees to discuss their service Open
19:25-19:35	Question time Open
19:35-19:45	Service improvement +/- site visits, Research collaboration opportunities Laura Monje-Garcia (UK) Mechelle Loughrey (Ireland)
19:45-20:00	Brainstorming session regarding future meetings board membership etc. Open

20:00 + y-EHTG Social Networking

Scientific Program

Day 2 - Saturday, September 30th

08:00-09:00 Room Humanitas	Open PLSD Meeting
8:00-8:10	Overview of the PLSD Mev Dominguez-Valentin (Norway)
8:10-08:25	 The four Lynch syndromes where are we? Time since last colonoscopy as surrogate for RTC? Polyps and CRC incidences? Pål Møller (Norway)
08:25-08:30	Studies on gynaecological surveillance? Neil Ryan (UK)
08:30-08:35	PRS and panel testing? Mev Dominguez-Valentin (Norway)
08:35-08:40	Call for new data: PLSDv6 Mev Dominguez-Valentin - Including polyp data? - Including immunotherapy? - Including more genes? Mev Dominguez-Valentin (Norway)
08:40-08:55	General discussion All







Scientific Program

Day 2 – Saturday, September 30th

09:00-11:00	Joint ESCP-EHTG Hereditary Surgery Symposium See page 30-31 for details
09:00-11:00	Parallel Working Groups 1-3
09:00-11:00 Room Aquarius	Group 1 – Gastroenterology, Surveillance and Microbiome Chairs: Elizabeth Half (Israel) Peter Bauerfeind (Switzerland) Martina Cavestro (Italy)
15' + 5'	The role of genotoxic gut bacteria in hereditary and sporadic colorectal cancer Dan Buchanan (Australia)
6' + 2'	Perceptions and Attitudes towards Faecal Immunochemical Testing (FIT) as a Provisional Modality for Risk-Stratified Colonoscopy in a Lynch syndrome Patient Population Kevin Monahan (UK)
6' + 2'	The optimal endoscopic surveillance in hereditary diffuse type gastric cancer; random or targeted biopsy taking? Tanya Bisseling (The Netherlands)
	The diagnostic yield of colonoscopic surveillance following resection of early-age onset colorectal cancer (EOCRC).
6' + 2'	Husam Al Maliki (UK)
6' + 2'	Four decades of endoscopic surveillance in Lynch syndrome reveals a slightly higher complication rate - a retrospective cohort study on safety and adverse events Alexander Frank (Sweden)

Scientific Program

Day 2 - Saturday, September 30th

	Efficacy and Outcomes of Pancreatic Cancer Screening Program in CAPS-Eligible versus non-CAPS-Eligible populations: A Single Center Study
6' + 2'	Erez Hasnis (Israel)
6' + 2'	Duodenal disease phenotype in MUTYH- associated polyposis: updated findings from an international prospective study. Laura Thomas (UK)
6' + 2'	The impact of a novel expert multidisciplinary meeting for the management of hereditary colorectal cancer risk Avani Varde (UK)
6' + 2'	Quality of Endoscopic Surveillance in Lynch Syndrome Patients at a Highly Specialized Center in Sweden - Interval, Adenoma Detection, and Cleanliness Sophie Walton Bernstedt (Sweden)
6' + 2'	Distinct gastric phenotype in patients with SMAD4-associated Juvenile Polyposis Syndrome: A nationwide study Anne Marie Jelsig (Denmark)
6' + 2'	Risk Factors and Clinical Characterstics of Young-Onset Gastric Cancer vs. Late-Onset Gastric Cancer. a case-case-study Marta Puzzono (Italy)
6' + 2'	Colibactin mutational signatures in NTHL1 Tumor Syndrome, MUTYH Associated Polyposis and unexplained polyposis patients Diantha Terlouw (The Netherlands)
6' + 2'	Characterizing unique microbiome alterations in lynch syndrome within the druze community in Israel Elizabeth Half (Israel)

Scientific Program

Day 2 - Saturday, September 30th

09:00-11:00 Room Plantaria	Group 2 – Carcinogenic mechanisms and pathways / early onset cancers / novel associations Chairs: Richarda de Voer (The Netherlands) Matthias Kloor (Germany) Laura Thomas (UK)
5' + 2'	Arsenic-free diet can decrease the risk of cancers in females from families with aggregation of breast cancers Jan Lubinski (Poland)
5' + 2'	Additive effects of selenium and arsenic can be considered for effective diagnosis of significantly lower cancer risk in brca1 carriers on arsenic free diet Jan Lubinski (Poland)
5' + 2'	Mathematical guidance for the interpretation of PCR-based MSI diagnostics Alexander Zeilmann (Germany)
5' + 2'	Mathematical modeling of Lynch syndrome cancer development - A multi-scale view from the DNA over the tissue level to clinical translation Saskia Haupt (Germany)
8' + 2'	Co-evolution of mismatch repair loss and the immune response in Lynch Syndrome Ottilie Swinyard (UK)
8' + 2'	The associations of circulating microRNAs and lifestyle with cancer risk among Finnish Lynch syndrome carriers Tero Sievänen (Finland)
8' + 2'	Leveraging whole exome sequencing of Lynch syndrome associated primary colorectal cancer to illuminate the aetiology of β-catenin dependent subtype. Kalle Hokkanen (Finland)
	Impact of Pathogenetic MMR Genotypes on

Systemic Metabolomic Signatures

Tiina Jokela (Finland)

8' + 2'

Scientific Program

Day 2 - Saturday, September 30th

Genome-wide DNA methylation profiles of

8' + 2'	Genome-wide DNA methylation profiles of colorectal tumors in Lynch syndrome and Familial adenomatous polyposis Satu Makinevala (Finnland)
8' + 2'	Germline NPAT pathogenic variants in hereditary nonpolyposis colorectal cancer Mariona Terradas (Spain)
8' + 2'	MCM8 and MCM9 as germline predisposing genes for early-onset cancer, polyposis and primary ovarian insufficiency Noah Cornelis Helderman (The Netherlands)
8' + 2'	Germline variants in PARP1 as potential cause of colonic polyposis in adults Laura Valle (Spain)
09:00-11:00	Group 3 – Families with inherited cancer/
Room Aeris	patient organizations Chairs: Nicola Reents (Germany) Simone Widhalm (Germany) Kelly Kohut (UK)
8' + 3'	Guidelines in "plain language" for patients affected by Lynch syndrome Katlijn Sanctorum (Belgium)
8' + 3'	Co-design of patient information leaflets for cancer genetics Julie Young (UK)
8' + 3'	Co-design of the Lynch Choices patient resource including cultural translation to improve equity, diversity and inclusion Kelly Kohut (UK)
8' + 3'	The National Nursing Workshops: Adapting Delivery and Content to Increase Awareness of Lynch syndrome. Amy Sanderson (UK)
8' + 3'	Diagnosis and management of Lynch Syndrome in an Irish Context: An Advanced Nurse Practitioner (ANP) Led Service Mechelle Loughrey (Ireland)
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Scientific Program

Day 2 - Saturday, September 30th

	The United Kingdom National NHS Genomic
8' + 3'	Lynch syndrome Transformation Project: The Rise of the Genomic Practitioner Mandy Darbyshire (UK) Melissa Cambell-Kelly (UK)
8' + 3'	The NHS English National Lynch syndrome transformation project: Setting up the Regional Lynch syndrome Expert Network for the North Thames Genomic Medicine Service Alliance (GMSA) Anna Koziel (UK)
8' + 3'	A questionnaire-based assessment of holistic clinical care for Lynch syndrome linked to regular colonoscopic surveillance episodes Penelope Edwards (UK)
8' + 3'	Identifying barriers to colonoscopic screening in asymptomatic first-degree relatives of patients with hereditary CRC in Pakistan – A pilot study. Raza Sayyed (Pakistan)
8' + 3'	Finding the missing 95%: The English National Lynch syndrome transformation project Kevin Monahan (UK)
11:00-11:30	Coffee Break
11:30-13:30	EHTG-ESCP international Surgery Day "iSTOIC" See page 30-31 for details
11:30-13:30	Parallel Working Groups 4-6
11:30-13:30 Room Aquarius	Group 4 – Epidemiology of hereditary cancer Chairs: Sigurdis Haraldsdottir (Iceland) Heather Hampel (USA) Mev Dominguez (Norway)
30' + 6'	Integrated Germline-Somatic Analysis: Research Insights from the MSK-IMPACT Initiative Zsofia Stadler (USA)

Scientific Program

Day 2 - Saturday, September 30th

9' + 3'	The rate of ATM pathogenic variants (PVs)in a series of unselected Israeli Pancreatic Cancer Patients Rakefet Chen-Shtoyerman (Israel)
9' + 3'	Colorectal cancer incidences in carriers with and without colorectal adenomas Pål Møller (Norway)
9' + 3'	Colorectal cancer incidences in path_MLH1 and path_MSH2 carriers in three continents Pål Møller (Norway)
9'+3'	Cancer in patients with Familial adenomatous polyposis - a nationwide Danish cohort study with matched controls Anne Marie Jelsig (Denmark)
9' + 3'	Whole genome sequencing findings in families tested negative based on family history Mev Dominguez Valentin (Norway)
9' + 3'	Incidence of adenomatous polyps and colorectal cancer in Dutch patients with PMS2-associated Lynch syndrome undergoing surveillance: a prospective cohort analysis Katarina Andini (The Netherlands)
9' + 3'	Prevalence of familial pancreatic cancer and inherited cancer syndromes in pancreatic cancer patients in Iceland 2000-2021 Ásthildur Rafnsdóttir (Iceland)
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Scientific Program

Day 2 - Saturday, September 30th

11:30-13:30

Group 5 - BY INVITATION ONLY:

Room Plantaria Brainstorming on the harmonization of global Lynch syndrome guidelines and initiation of the process. Step one: identification of the discrepancy-based questions to be addressed

Chairs: Giulia Cavestro (Italy) Alessandro Mannucci (Italy) Gabriela Möslein, Germany

We are planning a harmonization of the global guidance for Lynch syndrome.

The topic is the initiative to harmonize the different evidence-based guidelines for Lynch syndrome and elaborate a global consented guideline based on the newest available literature and - of course - expert guidance via a Delphi process for questions without sufficient evidence. As you may be aware, EHTG has published previously a sequence of guidelines for Lynch syndrome (LS), first based on expert opinion only and in 2021, after an extensive process of literature review and Delphi consensus the first "dynamic" guideline for LS in BJS (T. T. Seppälä et al., European guidelines from the EHTG and ESCP for Lynch syndrome: an updated third edition of the Mallorca guidelines based on gene and gender, British Journal of Surgery, Volume 108, Issue 5, May 2021, Pages 484-498, https://doi.org/10.1002/ bjs.11902)

We have invited global experts in order to discuss and initiate the process.

Invited individuals will receive the link beforehand.



Scientific Program

Day 2 - Saturday, September 30th

11:30-13:15	Group 6 - Personalized medicine and targeted prevention
Room Aeris	Chairs: Anja Wagner (The Netherlands) Nadir Arber (Israel) Frank A. Sinicrope (USA)
20' + 10'	Beyond Checkpoint Blockade for dMMR/MSI- High Cancers - Advances and Challenges Kai-Keen Shiu (UK)
10' + 5'	A significant proportion of advanced colonic neoplasia could have been missed, if we had adopted the recommendation to raise the age to start colonoscopy to 35 for subjects with path_MSH6 mutation Zohar Levi (Israel)
	Detection of microsatellite instability using plasma-derived extracellular vesicle DNA – a new perspective for tumor surveillance in Lynch syndrome?
10' + 5'	Lena Bohaumilitzky (Germany)
10' + 5'	Comprehensive molecular profiling of patient- derived tumor organoids uncovers in vitro drug sensitivities of sporadic and hereditary colorectal cancers Erdogan Pekcan Erkan (Finland)
10' + 5'	Clinical Use Scenarios of Breast Cancer Polygenic Risk Score in Women Peeter Padrik (Estonia)
10' + 5'	Nous-209 genetic vaccine encoding shared cancer neoantigens has demonstrated safety and robust immunogenicity in patients with Microsatellite Instable Tumors and is under evaluation in Lynch syndrome carriers Elisa Scarselli (Italy)
13:30-14:30	Lunch
14:30-16:30	EHTG-ESCP international Surgery Day "iSTOIC" See page 30-31 for details

Scientific Program

Day 2 - Saturday, September 30th

Scientific Program

Day 2 – Saturday, September 30th

14:30-16:30	Parallel Working Groups 7-9		An Exploration of the Somatic and Germline
14:30-16:30	Group 7 - Genetic Counselling &		Mutational Profiles of Early-Onset Colorectal Cancer Based on Two UK Patient Cohorts
Room	Management (incl. Lab diagnosis, NA seq, MMR variant	8'	Penelope Edwards (UK)
Aquarius	interpretation)		Challenging interpretation of germline TP53 variants
	Section 1: Lynch syndrome - national strategies and registries	8'	Henriett Butz (Hungary)
	Chair: Fiona Lalloo (UK)		Section 4: Posters – Two minutes pitch + 1 slide
15'	The UK-model Laura Monje-Garcia (UK)		Chair: Inge Bernstein (Denmark)
451	The DK-model		Prevalence of CHEK2-Pathogenic/Likely Pathogenic Variant - Positive and
15'	Christina Therkildsen (Denmark) Section 2: Ethical dilemmas – Risk		Management in Hereditary Breast Cancer Syndrome in Our Centre.
	information in families Chair: Kaisa Fritzell (Sweden)	2′	Francisco Javier Jiménez-Ruiz (Spain)
	, ,		Development and performance of a PMS2- specific NGS product for genetic testing of
	Experiences from direct provider-mediated cascade-testing in Lynch syndrome families – the Danish model	2'	Lynch syndrome Jessica De Loma Olson (Sweden)
8'	Lars Lindberg (Denmark)		Enhancing interpretation and classification of
	Mismatch repair deficiency – extent of investigation and management of		POLEand POLD1 variants: Gene-specific recommendations and in vitro functional
	"unexplained" cases: UK cancer genetics group national consensus meeting	2'	study system development Julen Viana (Spain)
8'	Terri McVeigh (UK)		RNA-based analyses expand the molecular genetic diagnostic workflow of Lynch
	Lynch syndrome Super-spreader: Legal, ethical, regulatory and social implications of	01	syndrome
8'	sperm donors' genetic screening Zohar Levi (Israel)	2'	Vince Kornél Grolmusz (Hungary)
8			The landscape of Lynch syndrome in the Israeli population
	Section 3: Diagnostic tools – dilemmas Chair: Inge Bernstein (Denmark)	2'	Zohar Levi (Israel)
8'	MLH1 promotor hypermethylation in colorectal and endometrial carcinomas from patients with Lynch syndrome Maartje Nielsen (The Netherlands)	22'	Summary and Discussion Fiona Lalloo (UK)

Scientific Program

Day 2 – Saturday, September 30th

14:30-16:30	Group 8 – Gynaecological, urology and other extra-intestinal cancers
Room Plantaria	Chairs: Emma Crosbie (UK) Maria Rasmussen (Denmark) John Burn (UK)
8' + 2'	Mismatch repair deficiency testing in Lynch syndrome-associated urothelial tumors Maria Rasmussen (Denmark)
ONLY AS VIRTUAL POSTER	Lynch syndrome: Does Hormonal Contraception Protect Against Endometrial Cancer? Marie Mawet (France)
8' + 2'	Highly sensitive microsatellite instability assessment in minimally invasive gynaecological samples allows detection of mismatch repair-deficient endometrial cancer Julia Canet (Spain)
	A pilot study using the Newcastle MSI-Plus assay as a "urine liquid biopsy" in patients with upper tract urothelial cancers and in asymptomatic MSH2 Lynch syndrome carriers.
8' + 2'	Rebecca Hall (UK)
8' + 2'	Outcomes of Lynch syndrome endometrial cancer surveillance in a nation-wide cohort Anja Wagner (The Netherlands)
8' + 2'	MSI detection of MMR deficient endometrial tumours is influenced by assay sensitivity and MMR gene affected Michael Jackson (UK)
0.2	Breast magnetic resonance screening for BRCA and non-BRCA pathogenic variant carriers
8' + 2'	Mev Dominguez Valentin (Norway)
8' + 2'	Home-based urine sampling for endometrial cancer detection in Lynch syndrome Jean-Ellen Johnson (UK)
	A Mismatch in Guidelines for Lynch syndrome: A Systematic Review & Meta-Analysis
8' + 2'	Neil Ryan (ŪK)

Scientific Program

Day 2 - Saturday, September 30th

14:30-16:30	Group 9 – Immunology and Pathology
Room Aeris	Chairs: Shizuko Sei (USA) Vinaya Gunasri (UK) Aysel Ahadova (Germany)
30'	CAPIT Center for LNP RNA Cancer Immunoprevention Steve Lipkin (USA)
30'	Relationship between neoantigen load and the T cell response in mismatch-repair deficient / ultramutated POLE-mutant cancers David Church (UK)
9'	The immune profile of Lynch syndrome- associated colorectal adenomas pinpoints the main determinants of immune activation Lena Bohaumilitzky (Germany)
9'	Immune evasion is more frequent among prevalent than incident Lynch syndrome colorectal cancers Aysel Ahadova (Germany)
9'	HLA Type as a possible modulator of cancer risk in Lynch syndrome: first data from the INDICATE Network Aysel Ahadova (Germany)
9'	Math4INDICATE - Methodological challenges for investigating the influence of the HLA genotype on cancer risk in Lynch syndrome Saskia Haupt (Germany)
9'	Tumor3D – A platform for virtual 3D tumor models from histology sections Alexander Zeilmann (Germany)
15'	Discussion
16:30-17:00	Coffee Break

Scientific Program

Day 2 - Saturday, September 30th

17:00-18:45 Room Humanitas	CMMRD Session Chairs: Crystelle Colas (France) Katharina Wimmer (Austria)
15'	CMMRD: the clinical spectrum and differential diagnoses Katharina Wimmer (Austria)
15'	New guidelines for CMMRD diagnosis, counseling, surveillance, clinical management and quality of life Crystelle Colas (France)
15'	Gastroenterological surveillance for CMMRD Mariëtte van Kouwen (The Netherlands)
15'	Place of immune checkpoint therapy in CMMRD Léa Guerrini-Rousseau (France)
15'	Neuroimaging features of CMMRD syndrome and comparison of brain MRIs of children with high-grade gliomas according to MMR gene mutational status Volodia Dangouloff-Ros (France)
15'	Update about systemic immunological implications of CMMRD Matthias Kloor (Germany)
18:30-18:45	CMMRD Speed Talks
5'	A validated highly sensitive microsatellite instability assay accurately identifies biallelic germline PMS2 mutation carriers among Constitutional Mismatch Repair Deficiency individuals. Marta Pineda (Spain)
5'	Cases of constitutional mismatch repair deficiency mimicking Lynch syndrome caused by hypomorphic variants Richard Gallon (UK)
5'	Digestive burden of patients with Constitutional MisMatch Repair Deficiency syndrome, diagnostic pitfalls and experience of immunotherapy: a report from the C4CMM RD database. Chrystelle Colas (France)

Scientific Program

Day 2 - Saturday, September 30th

19:30 + Conference Dinner

Conference Dinner at La Bohème



The Restaurant La Bohème is situated in the Old Town of Vilnius, about 10-15 minutes walking distance from the Panorama Hotel

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EHTG-ESCP international Surgery Day "iSTOIC"*



Day 2 - Saturday, September 30th

09:00-11:00	IPAA Technical Considerations I Chairs: Valerio Celentano (UK) Dieter Hahnloser (Switzerland)
09:00-09:20	Staging, timing and technical details of IPAA in FAP Feza Remzi (USA)
09:20-9:40	What is different for UC-Pouches and FAP-pouches? Janindra Warsusavitarne (UK)
09:40-10:00	Plenary Discussion
10:00-10:20	Stoma yes or no for FAP pouches – virtual ileostomy, early stoma closure? Valerio Celentano (UK)
10:20-10:40	Appraisal of robotic IPAA – equal or better? Marcos Gomez Ruiz (Spain)
10:40-11:00	Plenary Discussion
11:00-11:30	Coffee Break
11:30-13:30	Surgery and Genetics Chairs: John Burn (UK) Neil Smart (UK)
11:30-11:50	Crash Course for Surgeons: What you always wanted to know and never dared to ask about hereditary cancer Heather Hampel (USA)
11:50-12:10	Collaborative Networks & advancing genomics knowledge for Surgeons Frank McDermott (UK)
12:10-12:30	Implementing a nurse led mainstreaming pathway for Lynch syndrome Emma Jenkins (UK)

EHTG-ESCP international Surgery Day "iSTOIC"*



Day 2 - Saturday, September 30th

12:30-13:30	Plenary discussion
13:30-14:30	Lunch Break
14:30-16:30	IPAA Technical Considerations II Chairs: Narimantas Samalavičius (Lithuania) Feza Remzi (USA)
14:30-14:50	Is there still a place for hand-assisted IPAA? Worth learning? Narimantas Samalavičius (Lithuania)
14:50-15:10	Pouch failure: taTME redo pouch Antonio Lacy (Spain)
15:10-15.30	Pouch failure: is continent ileostomy an alternative? Gabriela Möslein (Germany)
15:30-15:45	FAP and Desmoids Matt Kalady (USA)
15:45-16:00	FAP and Endometriosis – is it an issue? Hermann Kessler (USA)
16:00-16:30	Plenary Discussion





 $[\]star$ international Surgical Group of Those Operating on Inherited colorectal Cancer

Scientific Program

Room Humanitas

Day 3 - Sunday, October 1st

08:00-09:00	EHTG Business Meeting
09:00-10:00	WG Reporting Back Session and Collaborative Studies Chairs: Laura Valle (Spain) Rolf Sijmons (The Netherlands) Ottilie Swinyard (UK)
10:00-10:30	Coffee Break
10:30-11:30	Hot Topics Chairs: Lone Sunde (Denmark) Alessandro Manucci (Italy) Lior Katz (Israel)
10'+5'	Colonoscopy interval in Lynch syndrome: Time to start a clinical trial? Martina Cavestro (Italy)
10'+5'	FIT for surveillance in Lynch syndrome Kevin Monahan (UK)
10'+5'	Comprehensive Analysis of Germine Drivers in Endometrial Cancer Ying Liu (USA)
10'+5'	Confident to mainstream genomic testing in Lynch syndrome? A competency guide for nurses. Siobhan John (UK)
11:30-12:30	Networking with patients representatives and organizations Chairs: Kelly Kohut (UK) Simone Widhalm (Germany) Nicole Reents (Germany)
	 Patient presentations about their life experiences Priorities for research topics Gaps in clinical care and patient resources Psychosocial aspect for hereditary cancer patients
	12:30-13:00 Pathology and clinical data in childhood in FAP, MAP, JPS, PHTS Chairs: Katharina Wimmer (Austria) Marion Dhooge (France) Speaker: Andrew Latchford (UK)

Scientific Program



Day 3 - Sunday, October 1st

13:00-13:30	Lunch
13:30-14:00	Late breaking abstracts session Chairs: Pål Møller (Norway) Henriett Butz (Hungary)
8'+2'	Late abstract 1 Colorectal carcinomas from path_MSH6 carriers display a lower level of microsatellite instability and evoke weaker immune responses Noah Cornelis Helderman (The Netherlands)
8'+2'	Late abstract 2 Re-classification of two MLH1 variants of uncertain significance using clinical data and functional assays Jane Hübertz Frederiksen (Denmark)
8'+2'	Late abstract 3 The Benefit of Pancreatic Cancer Surveillance in Carriers of Germline BRCA1/2 Pathogenic Variants Ido Laish (Israel)
14:00-14:45	Newly emerging technologies Chairs: Zsofia Stadler (USA) Ellis Eikenboom (The Netherlands) Marta Pineda (Spain)
	Liquid biopsy in CRC for early detection and therapy monitoring based on whole genome sequencing data
10'+5'	Ariane Hallermayr (Germany)
10'+5'	MMR functional analysis in diagnostics: the INVUSE project Tjakko J. van Ham (The Netherlands)
10'+5'	Implementing RAMAN spectroscopy in screening for Lynch patients Dean Harris (UK)
14:45-15:00	Farewell

Faculty

Heidelberg University Hospital Ahadova, Aysel Heidelberg, Germany p. 10.27 Sussex Medical School Al Maliki, Husam Brighton, United Kingdom p. 16 **UMCG** - University Medical Andini, Katarina Centre Groningen p. 21 Groningen, The Netherlands Arber, Nadir Sourasky Medical Center p. 23 Tel-Aviv, Israel Backman, Ann-Sofie Karolinska University Hospital Stockholm, Sweden p. 10 Bajwa-ten Broeke, Sanne **UMCG** - University Medical p. 10 Centre Groningen Groningen, The Netherlands Hirslanden Clinic St. Anna Bauerfeind, Peter p. 16 Zürich, Switzerland Bernstein, Inge Aalborg University Hospital p. 24, 25 Aalborg, Denmark Radboud University Medical Center Bisseling, Tanya Nijmegen, The Netherlands p. 11, 13, 16 Heidelberg University Hospital Bohaumilitzky, Lena p. 10, 12, 23 Heidelberg, Germany Buchanan, Dan University of Melbourne Melbourne, Australia p. 16 Burn, John **Newcastle University** p. 26, 30 Newcastle upon Tyne, United Kingdom National Institute of Oncology Butz, Henriett **Department of Molecular Genetics** p. 25, 33 Budapest, Hungary Cambell-Kelly, Melissa Norfolk and Norwich University Hospitals NHS Foundation Trust p. 20 Norwich, United Kingdom Canet-Hermida, Julia Catalan Institute of Oncology (IDIBELL) p. 26 Hospitalet de Llobregat, Spain Catalan Institute of Oncology Capella, Gabriel (IDIBELL) p. 12 Frank, Alexander Hospitalet de Llobregat, Spain

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p. 23	Oxford, United Kingdom
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p. 18	Nijmegen, The Netherlands
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p. 13, 20, 25	London, United Kingdom
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p. 11, 33	Rotterdam, The Netherlands
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Thomas, Laura



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