Wednesday 20 March

1330 - 1430	PLSD Business Meeting: All interested are welcomed
1600 - 1900	Meeting registration desk open - wine and cheese served

	Public lecture: Familial Bowel Cancer Syndromes - an update and international perspective
1930 - 1935	Welcome
1935 - 1950	Update on diagnosis and management ***Patrick Lynch***
1950 - 2020	Panel: What is happening in other countries? ***Ian Frayling, Nicoline Hoogerbrugge, Finlay Macrae***
2020 - 2100	Discussion

Thursday 21 March

0700 - 1830	Registration desk open
0830 - 0845	Official opening ***Ashley Bloomfield,*** *Director General of Health*
0845 - 0900	Gastrointestinal hereditary tumours: what we know and what we need to know? ***Sue Clark***
0900 - 0920	Cancer risks associated with MMR gene mutations - how can we define further? ***Mark Jenkins***
0920 - 0950	**Free papers - 5 minutes each followed by 10 minutes discussion** Cancer risks by age and gender in carriers of pathogenic MMR variants: Findings from the Prospective Lynch Syndrome Database (PLSD) report ***Mev Dominguez Valentin*** Impact from compliance with surveillance on risk of colorectal cancer in Lynch Syndrome ***Lars J. Lindberg*** Breast cancer risk not increased in women with Lynch Syndrome identified by multi-gene panel testing ***Sonia Kupfer*** Occurrence of polyps and incident colorectal carcinomas in patients with PMS2-associated Lynch Syndrome: a prospective cohort analysis ***Sanne Ten Broeke***
0950 - 1030	**Free papers - 5 minutes each followed by 15 minutes discussion** Molecular tumour testing in Lynch-like patients reveals de nono mosaic DNA mismatch repair gene pathogenic variants transmitted to offspring

	Chrystelle Colas
	Predictors of class: Using protein structure and function information to predict and understand mismatch repair variant pathogenicity ***Bernard Pope***
	cDNA analyses of the MMR genes MLH1, MSH2, MSH6 and PMS2 investigate the effect of VUS upon splicing, detect unexpected splicing defects, and find allelic losses indicating a germline defect ***Elke Holinski-Feder***
	Highly sensitive MLH1 methylation analysis in blood identifies a cancer patient with low-level mosaic MLH1 epimutation ***Gabriel Capella***
	Comprehensive constitutional genetic and epigenetic characterization of Lynch-like individuals ***Gabriel Capella***
1030 - 1100	**Morning Tea**
1100 - 1125	Finding Lynch Syndrome and beyond ***John Burn***
1125 - 1200	**Free papers - 5 minutes each followed by 15 minutes discussion**
	Reflex Mis-Match-Deficiency testing of colorectal cancer below age 70 to detect Lynch Syndrome: a prospective, multicenter, multidisciplinary evaluation of uptake, yield and appreciation ***Nicoline Hoogerbrugge***
	UK National External Quality Assessment Scheme for Immunocytochemistry and In Situ Hybridisation: 10 years of international experience with mismatch repair proteins shows that participation improves performance ***Ian Frayling***
	Evaluating tumour mutational signatures for classification of mismatch repair deficiency and identification of Lynch syndrome and MLH1 methylated subtypes ***Peter Georgeson***
	RAID-LS: a non-invasive tool based on faecal bacterial signature for Lynch Syndrome surveillance ***Joan Brunet***
1200 - 1215	**Free papers - 5 minutes each followed by 5 minutes discussion**
	Multiple Genetic Tumor Syndromes: When to suspect them? ***Maurizio Genuardi***
	Germline pathogenic variants of hereditary cancer genes in 12,347 colorectal cancer patients and 27,706 controls in Japanese population ***Hidewaki Nakagawa***

1215 - 1230	Somatic mutations in colorectal cancer and implications for genetic testing ***Gabriel Capella***
1230 - 1325	**Lunch Break**
1325 - 1350	The immune system in Lynch Syndrome/hereditary colorectal cancer ***Magnus von Knebel Doeberitz***
1350 - 1430	**Free papers - 5 minutes each followed by 15 minutes discussion** The shared mutation and neoantigen landscape of MMR-deficient cancers suggests immunoediting during tumor evolution ***Matthias Kloor*** High endothelial venules are associated with immune evasion and hereditary background in microsatellite-unstable colorectal cancers ***Aysel Ahadova*** Germline variants associated with immune infiltration in solid tumors ***Sahar Shahamatdar*** Intratumoural assessment of colorectal cancer diagnostic and prognostic markers using RNA in situ hybridization ***Tim Eglinton*** A mouse model for a vaccine against Lynch Syndrome-associated cancers ***Matthias Kloor***
1430 - 1445	**Free papers - 5 minutes each followed by 5 minutes discussion** Genetic Cancer Susceptibility in Adolescents and Young Adults with Colorectal Cancer ***Richarda de Voer*** Therapy-associated polyposis in childhood and young adulthood cancer survivors ***Matthew Yurgelun***
1445 - 1510	Update on targeted therapies in Gastrointestinal Oncology ***Michael Hall***
1510 - 1540	**Afternoon Tea**
1540 - 1605	Hereditary Diffuse Gastric Cancer (HDGC) - past, present, future ***Parry Guilford***
1605 - 1615	Genetic counselling in HDGC - the bi-cultural context ***Kim Gamet***
1615 - 1630	Challenges in genetic counselling - case discussions ***Kim Gamet***
1630 - 1655	**Free papers - 5 minutes each followed by 10 minutes discussion** Early Genetic Counseling and Detection of CDH1 Mutation in Asymptomatic Carriers Improves Survival in Hereditary Diffuse Gastro Cancer ***R Matthew Walsh***

	CDH1 Gastric Cancer: Does Family History Change Your Risk? ***Margaret O'Malley***
	Multiple-gene panel analysis in an Italian cohort of patients with familial gastric cancer ***Gianluca Tedaldi***
1655 - 1710	**Free papers - 5 minutes each followed by 5 minutes discussion**
	Technical and Endoscopic Factors in CDH1 gastric cancer surveillance ***Carol Burke***
	Gastroscopic outcomes compared with histology in CDH1 mutation carriers; 9 years experience with the International Gastric Cancer Linkage Consortium Consensus Guideline ***Jolanda van Dieren***
1710 - 1725	Gastroscopy in HDGC - an update ***Massimiliano Di Pietro***
1725 - 1740	Guideline update - hot news from Wanaka ***Nicoline Hoogerbrugge***
1745	Leave venue to walk to Welcome Reception
1800 - 2000	Welcome Reception - Maritime Museum
2000	Council Dinner

Friday 22 March

0730 - 0830	CaPP3 Collaborators meeting (invitation only)
0830 - 0850	New colorectal cancer genes: one big happy family? ***Ian Frayling***
0850 - 0905	Genetics of Serrated Polyposis Syndrome (SPS) ***Dan Buchanan***
0905 - 0930	**Free papers - 5 minutes each followed by 10 minutes discussion**
	Colorectal cancer risk in NTHL1 heterozygous mutation carriers ***Abi Ragunathan***
	Germline POLE and POLD1 variation in persons with colorectal cancer from the Colon Cancer Family Registry Cohort ***Khalid Mahmood***
	Variant profiling of colorectal adenomas from patients with MSH3-related adenomatous polyposis ***Claudia Perne***
0930 - 0955	**Free papers - 5 minutes each followed by 10 minutes discussion**
	Patient derived intestinal mucosal organoids: a new technology to study

	pathogenesis in familial adenomatous polyposis ***Roshani Patel***
	Pathogenic variants in new colorectal cancer/polyposis genes rarely identified among patients with colorectal, breast, prostate, and pancreatic cancer ***Brandie Heald Leach***
	Exome sequencing identified potential causative candidate genes for serrated polyposis syndrome ***Sophia Peters***
0955 - 1015	Pathogenesis of Colorectal Cancer in SPS ***Christophe Rosty***
1015 - 1045	**Morning Tea**
1045 - 1100	Clinical interpretation of genetic variants in hereditary GI Cancer: Where we are and where do we go? ***Maurizio Genuardi***
1100 - 1115	The InSiGHT Database – continuing the mission of centralising variants of the GI Cancer genes ***John Paul Plazzer***
1115 - 1155	**Free papers - 5 minutes each followed by 15 minutes discussion** Interpretation of inheritable DNA variation: How much room for error across genetic services? ***Matthew Daly***
	Variant analyses of PMS2 by Single-Molecule Long-Read Sequencing ***Richarda de Voer***
	Curation and classification of Adenomatous Polyposis Coli (APC) gene variants responsible for familial adenomatous polyposis (FAP) in ClinVar and the International Society for Gastrointestinal Hereditary Tumours (InSiGHT) locus-specific database ***Xiaoyu Yin***
	Splicing Effects and In Silico Pathogenicity Predictions For APC Missense Variants Reported in ClinVar ***Marc Greenblatt***
	The detection of hybrid mosaic mutations during analysis for APC mosaicism ***Manon Suerink***
1155 - 1205	Genetic testing - which genes on which panel? ***Ian Frayling, Gabriel Capella***
1205 - 1230	Panel Discussion ***Heather Hampel, Ian Frayling (Panel Co-ordinator)***
1230 - 1330	**Lunch and Asia Pacific Meeting**
1330 - 1350	What constitutes good colonoscopy and gastroscopy in Lynch Syndrome and FAP ***Andrew Latchford***

1350 - 1425	**Free papers - 5 minutes each followed by 15 minutes discussion** Risk of interval colorectal cancer in patients with Lynch Syndrome undergoing surveillance in New Zealand – results from the New Zealand Familial Gastrointestinal Cancer Service ***Mehul Lamba*** Quality of and compliance with colonoscopy in Lynch Syndrome surveillance: Are we getting it right? ***Karen Hartery*** Stage of CRC is not associated with time since last colonoscopy in Lynch Syndrome: A Prospective Lynch Syndrome Database (PLSD) report ***Toni Seppala*** The impact of a risk management clinic model on surveillance and colorectal cancer incidence in patients with Lynch Syndrome ***Andrew Buckle***
1425 - 1440	**Free papers - 5 minutes each followed by 5 minutes discussion** Identifying clinical features associated with advanced gastric pathology in familial adenomatous polyposis ***Gautam Mankaney*** Individualized surveillance for serrated polyposis syndrome: Results from a prospective 5-year international cohort study ***Arne Bleikenberg***
1440 - 1500	Management of SPS ***Evelien Dekker***
1500 - 1530	**Afternoon tea**
1530 - 1550	Management of duodenal adenomas in FAP ***Evelien Dekker***
1550 - 1625	**Free papers - 5 minutes each followed by 15 minutes discussion** The effect of endoscopic duodenal interventions in patients with familial adenomatous polyposis ***Victorine Roos*** Duodenal Adenomas and Cancer in Familial Adenomatous Polyposis ***Isabel Martin***
1625 - 1645	Pancreatic screening for high risk familial syndromes ***John Windsor***
1645 - 1730	InSiGHT Annual General Meeting
1830	Buses depart SkyCity Auckland Convention Centre for Auckland Museum
1900 - Midnight	Meeting Gala Dinner- Auckland Museum *Shuttle buses will depart from 2230 for the hotels*

Saturday 23 March 2019

0730 - 0830	InSiGHT Database Governance Committee Meeting
0830 - 0845	Genetic counselling - implications of panel and tumour testing ***Heather Hampel***
0845 - 0915	**Free papers - 5 minutes each followed by 10 minutes discussion** The clinical utility and impact on risk categorisation of a lifestyle and genomic risk prediction model for colorectal cancer ***Sibel Saya*** Shared Medical Appointments for Lynch Syndrome: An Effective and Efficient Model for Patient Management ***Lisa LaGuardia*** "When do I tell my family, what do I tell them?"; the importance of psychological adaptation to a genetic diagnosis before patients are able to share information about their diagnosis – findings from the Family Web study. ***Selina Goodman*** Directly approaching individuals at risk of inherited colorectal cancer syndromes: The New Zealand experience ***Julie Arnold***
0915 - 0930	Timing of surgery in FAP ***Sue Clark***
0930 - 0945	Oligopolyposis/SPS - when is colectomy indicated ***John Keating***
0945 - 1000	Proctectomy and advanced pouch adenomas in FAP ***Matthew Kalady***
1000 - 1030	**Free papers - 5 minutes each followed by 15 minutes discussion** Indications and outcomes for pouch excision in patients with familial adenomatous polyposis (FAP) ***Roshani Patel*** ATZ Neoplasia: A comprehensive examination of a dangerous phenomenon ***James Church*** Safety and efficacy of laparoscopic near-total colectomy and ileo-distal sigmoid anastomosis as a modification of total colectomy and ileorectal anastomosis for prophylactic surgery in patients with adenomatous polyposis syndromes– a comparative study ***Chukwuemeka Anele***
1030 - 1100	**Morning tea**
1100 - 1115	**Free papers - 5 minutes each followed by 5 minutes discussion** The Impact of Desmoid Tumors on Quality of Life and Pouch Survival, in

	patients with Familial Adenomatous Polyposis who have undergone Ileal Pouch-Anal Anastomosis ***James Church*** Laparotomy results in more desmoid tumour when compared to laparoscopy in a preclinical model of desmoid tumour in familial adenomatous polyposis ***Timothy Chittleborough***
1115 - 1145	Case discussion - Panel ***Christopher Wakeman (Panel Coordinator)***
1145 - 1155	New considerations in surgery for Lynch Syndrome? ***Ian Bissett***
1155 - 1210	Extensive Surgery in LS - factoring in genes and gender ***Gabriela Moslein***
1210 - 1220	Lynch Syndrome - segmental colectomy and aspirin ***John Burn***
1220 - 1230	Discussion
1230 - 1250	Hereditary Colorectal Cancer 1989 - 2019: Perspectives from the past and predictions for the future ***James Church***
1250 - 1305	InSiGHT 2021 and close of meeting
1305 - 1310	Poroporoaki *All delegates to remain seated*
1310 - 1345	**Lunch**
1345 - 1400	Walk to Waiheke Island Ferry
1430 - 1930	Waiheke Island Trip (optional)