

**COLON CANCER FAMILY REGISTRY APPROVED APPLICATIONS**

**As of July 10, 2023**

<u>Principal Investigator</u>	<u>PI Institution</u>	<u>Application Title</u>	<u>Application ID</u>
<b>--2023--</b>			
Steve Gallinger	Mount Sinai Hospital; Univ of Toronto	Shedding light on the surge: Investigating the etiology of young onset colorectal cancer (SLS-YOCRC)	C-TO-0523-01
Aaron Meyers	University of Melbourne	Investigating immune-related genetic modifiers of colorectal cancer risk in Lynch syndrome	C-AU-0323-01
Risk K. Pai	Mayo Clinic	Expression of Claudin 18.2 in colorectal carcinoma and correlation with pathologic and QuantCRC-derived features	C-MA-0723-01
N. Jewel Samadder	Mayo Clinic	Comprehensive genomic and immunological analysis to improve personalized management of Lynch syndrome	C-MA-0423-01
Claire Thomas	Fred Hutchinson Cancer Center	Impact of genetic susceptibility on colorectal tumor immune profile	C-SE-0123-01
<b>--2022--</b>			
Andrea Burnett-Hartman	Kaiser Permanente Colorado	A comparison of dietary factors between early-onset and late-onset colorectal cancer patients	C-EX-0122-01
Harry Ostrer	Albert Einstein College of Medicine	Predicting Colon Cancer Risk from Functional Variant Assays, Phase 2	C-EX-0815-02-A2
Carmen Sapineza	Temple University	Epigenome-wide analysis of Early-onset CRC patients	C-EX-1221-01
<b>--2021--</b>			
Yiting Gong	University of Melbourne	Association between physical and mental health and colorectal cancer screening.	C-AU-1121-01
Shuai Li	University of Melbourne	Validation of family history of breast cancer in Colon Cancer Family Registry	C-AU-0821-02
Erikka Loftfield	National Cancer Institute	Associations of Plasma Microbial Metabolites with Colorectal Cancer Risk.	C-EX-0921-01
Robert MacInnis	Cancer Council Victoria	Family History and Cancer Risk in the Diet and Cancer Pooling Project.	C-AU-0721-01
Carmen Sapineza	Temple University	Identification of meQTLs in colon cancer patients with highly disrupted epigenomes (Outlier Methylation Phenotype)	C-EX-0321-01
Bonika Thapa	University of Melbourne	Association between colorectal cancer screening and breast and cervical cancer screening for women and prostate cancer screening for men	C-AU-0821-01
Fränzel van Duijnhoven	Wageningen University	The role of vitamin D in the development of colorectal neoplasms in persons with Lynch syndrome	C-EX-1120-01
Emily Vogtmann	National Cancer Institute	Impact of lifetime alcohol consumption on cancer risk and mortality in the Colon CFR Cohort	C-EX-0221-01
Botao Xie	University of Melbourne	Classifications of family by genetic cancer syndrome.	C-AU-1021-01
<b>--2020--</b>			
Barbara Connell	Biocartis, Inc.	Biocartis Study - Diagnostic Accuracy Study Idylla™ MSI	C-EX-0120-01
Robert Bristow	CRUK Manchester	Genomics of lynch syndrome related prostate cancer	C-EX-1020-01
Daniel Buchanan	University of Melbourne	Phase V CORE BRAF, KRAS	C-CP-0120-01
Daniel Buchanan	University of Melbourne	Phase V CORE germline MMR & MYH	C-CP-0120-02
Daniel Buchanan	University of Melbourne	Phase V CORE MLH1 methylation	C-CP-0120-03

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Steve Gallinger	Mount Sinai Hospital; Univ of Toronto	Deep learning for colorectal cancer histopathology	C-TO-1120-01
Shane Harding	Princess Margaret Hospital	Modes of genomic stability dictate development of the CRC immune microenvironment	C-EX-1120-02
Ulrike Peters	Fred Hutchinson Cancer Center	Transdisciplinary Research in Colorectal Cancer Health Disparities	C-EX-1220-01
<b>--2019--</b>			
James Dowty	Univeristy of Melbourne	Heritable methylation marks associated with colorectal cancer risk.	C-AU-0319-02
Robert Gryfe	Sinai Health System	Characterizing the role of the Commensal Flora in Colon Cancer.	C-TO-0219-01
Mark Jenkins	University of Melbourne	DEPTH: A Novel Algorithm for Feature Ranking with Application to Colorectal Cancer GWAS Data.	C-AU-1019-01
Mark Jenkins	University of Melbourne	Does the association between BMI (and height) and colorectal cancer risk differ by degree of family history of colorectal cancer?	C-AU-0319-01
Christopher Li	Fred Hutchinson Cancer Center	Etiology and biology of site-specific metastases.	C-EX-0219-02
Yanxin Luo	Sixth Affiliated Hospital, Sun Yat-sen University	DNA methylation signatures and recurrence in early-stage colorectal cancer.	C-EX-0219-01
Emily Vogtmann	National Cancer Institute	The relationship between the oral and fecal microbiota and cancer: A nested study within the CCFR Cohort	C-EX-0719-01
<b>--2018--</b>			
Darren Brenner	Univ of Calgary	Mutational signatures in young onset colorectal cancer: A pilot study.	C-EX-1018-01
Daniel Buchanan	University of Melbourne	Building a tumorigenesis atlas to personalise the risk of colon cancer in people with Lynch syndrome.	C-AU-0818-01
Daniel Buchanan	University of Melbourne	Phase IV Core CCFR gMMR testing	C-CP-1217-01-A1
Steve Gallinger	Mount Sinai Hospital; Univ of Toronto	Association between Lysosomal Storage Disorder Gene and Pancreatic cancer.	C-TO-1118-01
Steve Gallinger	Mount Sinai Hospital; Univ of Toronto	Cancer Research UK (CRUK) Mutographs of Cancer: Discovering the causes of cancer through mutational signatures.	C-TO-1018-01
Robert Gryfe	Mount Sinai Hospital; Univ of Toronto	Next-generation sequencing classification of variants of unknown significance in Lynch syndrome.	C-TO-0318-01
John Hopper	University of Melbourne	Estimating the average CRC risks for the MMR gene variants in each category of the InSiGHT five-tiered classification system.	C-AU-1118-01
Xinwei Hua	Fred Hutchinson Cancer Center	Inflammatory biomarkers genes, and colorectal cancer survival.	C-SE-0618-01
Holli Loomans	National Cancer Institute	Frameshift mutation detection in Lynch syndrome colorectal cancer patients.	C-EX-0618-01
Rish Pai	Mayo Clinic	Clinicopathologic evaluation of small bowel carcinomas in patients with Lynch Syndrome.	C-MA-1218-01

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Rish Pai	Mayo Clinic	Development of a digital pathology library for development of artificial intelligence tools for colorectal carcinoma.	C-MA-1218-02
Rish Pai	Mayo Clinic	Phase V Core CCFR Tumor IHC	C-CP-0918-01
Amanda Phipps	Fred Hutchinson Cancer Center	Descriptive Overview of Colorectal Cancer Phenotypes.	C-LA-0215-01-A1
Jamaica Robinson	Fred Hutchinson Cancer Center	Neighborhood influences on survival and health-related quality of life following a colorectal cancer diagnosis.	C-EX-0518-01
Uri Tabori	Hospital for Sick Children	The effect of telomerase activity and telomere length on the biological behavior of cancer.	C-EX-1218-02
<b>--2017--</b>			
Jeff Bacher	Promega Corp	Validation of a new biomarker panel for detection of MSI in colon cancers (Part I).	C-EX-0817-01
Jeff Bacher	Promega Corp	Validation of a new biomarker panel for detection of MSI in extra-colonic cancers (Part II)	C-EX-0817-02
Alex Bisignano	Phosphorus	The discovery of novel genes and biomarkers of colon cancer using whole genome sequencing and determination of genetic penetrance.	C-EX-0517-01
Josee Dupuis	Boston University School of Medicine	Novel statistical methods for multi SNPs / multi DNA methylation probes association study using the Ontario Familial Colon Cancer Registry.	C-EX-0717-01
Sheetal Hardikar	Fred Hutchinson Cancer Center	Association between methylation patterns and cancer outcomes in unaffected relatives within Lynch families.	C-EX-0917-01
Polly Newcomb	Fred Hutchinson Cancer Center	Demographic and cancer-specific characteristics and outcomes of persons who deny a recent cancer diagnosis.	C-SE-0117-01
Constantinos Parisinos	University College London	The role of hepatic metabolites, metabolic pathways and function in colorectal cancer.	C-EX-0117-02
Amanda Sheppard	Cancer Care Ontario; Univ of Toronto	Factors associated with colorectal cancer risk among self-identified First Nations participants in the OFCCR.	C-EX-0417-01
<b>--2016--</b>			
Irene Andrulis	Lunenfeld-Tanenbaum Research Institute	Collaboration with OFBCR on the BRIDGES Project.	C-EX-0416-01
Nicholas Chia	Mayo Clinic	Simulation of Conditions Leading to Colon Cancer using Host-Microbiome Metabolic Modeling.	C-EX-0316-02
Peter Crouch	University of Melbourne	Laser Ablation Inductively Coupled Plasma Mass Spectrometry (LA-ICPMS) imaging of colorectal cancers.	C-EX-0416-02
Steve Gallinger	Mount Sinai Hospital; Univ of Toronto	Characterization of colorectal cancer immune landscape.	C-CP-1216-01
Michael Hall	Fox Chase Cancer Center	Sarcoma: a Lynch syndrome associated malignancy?	C-EX-0316-01
Richard Hayes	New York University Langone Medical Center	Genes, Environment and Colorectal Cancer in People <50 Years of age.	C-EX-0516-01
Fred Hollande	University of Melbourne	Role of the tight junction protein claudin-2 in the regulation of colorectal cancer stem cells – consequences on post-treatment relapse and patient survival.	C-EX-0516-03
Scott Kopetz	MD Anderson Cancer Center, Univ of Texas	Colorectal cancer risk and survival by consensus molecular subtype.	C-EX-1116-01

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Noralane Lindor	Mayo Clinic	CCFR RNA QC Pilot, CORE project.	C-CP-0616-01
Josine Min	University of Bristol	Systematic identification of methylation quantitative loci and the link between methylation and complex traits.	C-EX-0816-01
Pal Moller	Oslo University Hospital	Prospective Lynch Syndrome Database Contribution.	C-EX-0716-01
Amanda Phipps	Fred Hutchinson Cancer Center	Bacterial correlates of colorectal cancer subgroups and survival.	C-SE-0816-01
Steven Thibodeau	Mayo Clinic	Phase IV Core CCFR IHC Testing.	C-CP-0916-01
Jeff Wrana	Lunenfeld-Tanenbaum Research Institute	qTAP, A Novel Platform for Personalized Medicine in Cancer, a Study in Collaboration with Sinai Health System's OFCCR.	C-EX-0416-03
<b>--2015--</b>			
James Church	Cleveland Clinic Foundation	Genetic Pathways of Interval Colorectal Cancer.	C-LA-0915-01
Stacey Cohen	Fred Hutchinson Cancer Center	Comparison of similarities and differences in tumor pathologic and molecular features between cases and their first-degree relatives with colorectal cancer.	C-EX-0415-01
Justin Guinney	Sage Bionetworks	Integration of biomarkers with AJCC staging in colon cancer.	C-EX-0115-01
Robert Haile	Stanford	Hypomethylation-induced over-expression of oncogenes in cancer.	C-ST-0515-01
Robert Haile	Stanford	The Breast and Colon Cancer Resilience Project.	C-ST-0515-02
Sheetal Hardikar	Fred Hutchinson Cancer Center	Leukocyte telomere length differences and survival after colorectal cancer diagnosis.	C-EX-0115-05
John Hays	Ohio State University Wexner Medical Center	The role of mucinous histology in the association between the use of nonsteroidal anti-inflammatory drugs (NSAIDs) and mortality from colorectal cancer.	C-EX-0815-04
Mark Jenkins	University of Melbourne	Mechanisms for varying colorectal cancer risk (penetrance) for Lynch syndrome.	C-AU-0815-02
Maija Kohonen-Corish	Garvan Institute of Medical Research	Investigation of Elevated Microsatellite Alterations at Selected Tetranucleotide (EMAST) repeats in Lynch Syndrome-associated CRC.	C-EX-0815-03
Joan Levine	Stanford	Screening Practices in Type X Colorectal Cancer Families.	C-EX-0815-01
Joan Levine	Stanford	The role of Fusobacterium nucleatum in CIMP tumorigenesis.	C-EX-1215-02
Georg Luebeck	Fred Hutchinson Cancer Center	Multiscale Study of Tissue Aging, Field Cancerization, and Colorectal Screening.	C-EX-0515-01
Finlay Macrae	Internat'l Society of Gastrointestinal Hereditary Tumours	Submission of the germ line variants of mismatch repair genes detected by the Colon CFR to the InSIGHT Variant Interpretation Committee and relevant databases.	C-AU-0815-01
Santos Manes	Centro Nacional de Biotecnologia	Identification of novel therapeutic targets for the treatment of cancer by means of genome-wide association studies (GWAS) and biological.	C-EX-0315-01
Polly Newcomb	Fred Hutchinson Cancer Center	International Survival Analysis in Colorectal Cancer Consortium (ISACC).	C-SE-0815-01
Polly Newcomb	Fred Hutchinson Cancer Center	Serrated Colorectal Cancer: An Emerging Disease Subtype.	C-SE-0415-01

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Maartje Nielsen	Leiden University Medical Centre	Defining the non-colonic, non-endometrial cancer risks associated with a mono-allelic germline PMS2 mutation.	C-EX-0615-01
Harry Ostrer	Albert Einstein College of Medicine	Predicting Colon Cancer Risk from Functional Variant Assays.	C-EX-0815-02
Albert Tenesa	University of Edinburgh	Colorectal cancer risk predictions from genome-wide SNP data and environmental risk factors.	C-EX-0315-02
Ursula Tsosie	Fred Hutchinson Cancer Center	Changes in multivitamin use after diagnosis of CRC.	C-EX-0115-03
Aung Ko Win	University of Melbourne	Metabolic Factors, medical conditions, and Colorectal Cancer Risk.	C-EX-0215-01
Zhengdong Zhang	Nanjing Medical University	Understanding the genetic effects on colorectal cancer risk.	C-EX-0115-02
<b>--2014--</b>			
Driss Ait Ouakrim	University of Melbourne	Social determinants of colorectal cancer screening, treatment and outcomes in the Colon-CFR.	C-EX-0914-01
D. Timothy Bishop	Institute of Genetic Medicine	Pharmacogenetic influences on colorectal chemoprevention using aspirin.	C-EX-1213-01-A1
Daniel Buchanan	University of Melbourne	Multiple and integrative approaches to unravelling the aetiology of FCCTX.	C-AU-1014-02
Daniel Buchanan	University of Melbourne	Phase IV KRAS_BRAF somatic mutation in CRCs from C-CFR.	C-CP-0814-01
Daniel Buchanan	University of Melbourne	Somatic mutations and additional molecular characterization of individuals with suspected Lynch syndrome.	C-AU-1014-01
Stacey Cohen	Fred Hutchinson Cancer Center	Evaluation of the impact of aspirin/NSAID therapy on the development of cancer in Familial Colorectal Cancer Type X families.	C-EX-0914-02
David Conti	University of Southern California	A Bayesian Hierarchical Quantile Regression Model to Prioritize GWAS Results.	C-EX-0314-01
Steve Gallinger	Lunenfeld-Tanenbaum Research Institute	Molecular Characterization of Familial Colorectal Cancer Type X.	C-TO-1014-01
Mark Jenkins	University of Melbourne	Genetics and Epigenetics of incident CRCs from the C-CFR.	C-AU-0814-01
Noralane Lindor	Mayo Clinic	Following Up Leads from the CCFR Custom Capture Sequencing.	C-MA-0814-01
Noralane Lindor	Mayo Clinic	PMS2-related Lynch Syndrome: Consideration of cancer screening recommendations.	C-MA-0614-01
Georg Luebeck	Fred Hutchinson Cancer Center	Tissue Aging and Tumor Heterogeneity in Colorectal Cancer: A Multiscale Approach.	C-EX-0514-01
Paul Marjoram	University of Southern California	Exploration of somatic mutations rates in Colon CCFR samples.	C-EX-0514-02
Elena Martinez	UC San Diego	Clinical Strategies for Identifying Individuals at Risk for Young Onset CRC: A Colon CFR-based Study.	C-EX-1114-01
Maartje Nielsen	Leiden University Medical Centre	Cancer risk in family members of CMMR-D patients.	C-EX-0314-02
Mala Pande	MD Anderson Cancer Center	Effect of Physical Activity on Colorectal Cancer Risk in MMR-Mutation Carriers and their MMR-intact Relatives.	C-EX-0314-03

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Amanda Phipps	Fred Hutchinson Cancer Center	POLE Mutations in Colorectal Cancer: Identification and characterization of an emerging driver in colorectal cancer development.	C-EX-0614-02
Leonid Raskin	Vanderbilt	Targeted sequencing of CRC cases and controls.	C-EX-0814-01
Bryony Thompson	The Royal Melbourne Hospital	Evaluation of Mismatch Repair Gene Unclassified Sequence Variants.	C-EX-0806-02-A1
Zhe Wang	Fred Hutchinson Cancer Center	Red Meat Consumption and Colorectal Cancer Incidence and Mortality in Seattle CCFR Study.	C-EX-0214-01
Aung Ko Win	University of Melbourne	Risk factors for colorectal cancer by molecular subtypes.	C-EX-0514-03
Joanne Young	The Queen Elizabeth Hospital	MSI-H Colorectal Cancers in the Distal Colorectum: are they associated with early-onset Lynch syndrome?	C-EX-0614-01
<b>--2013--</b>			
Jeff Bacher	Promega Corp	Validation of a novel MSI panel.	C-EX-1013-03
John Baron	University of North Carolina at Chapel Hill	Exogenous Estrogens, Reproductive History and Colorectal Cancer.	C-LA-0213-01
Bernard Bochner	MSKCC	Genetic Sequencing of Urothelial Cancers in Patients with Lynch Syndrome.	C-EX-1113-01
Daniel Buchanan	University of Melbourne	Clinicopathological, molecular and epigenetic features of colorectal cancers that are predictive of germline MUTYH gene mutations.	C-AU-1013-02
Daniel Buchanan	University of Melbourne	Clinicopathological, molecular and epigenetic features of sebaceous lesions from MMR gene mutation carriers.	C-AU-1013-01
Graham Casey	Keck School of Medicine, USC	Genotyping of Colon CFR DNA samples using the OncoArray.	C-CP-0713-01
Sean Cleary	University of Toronto	Genetic variants associated with colorectal cancer survival: validation of HIF2A and HIF2B variants in OFCCR.	C-EX-0513-01
Carolyn Compton	Arizona State University	Critical Decision-making Support Tool for Colon Cancer Patients and their Caregivers.	C-EX-0713-01
Victoria Cortessis	University of Southern California	Genome-wide Association Analysis of Testicular Germ Cell Tumors.	C-EX-0613-01
Wendy Cozen	University of Southern California	Meta-analysis of genome-wide association studies of multiple myeloma risk.	C-LA-0213-02
Chu Gan	Royal Melbourne Hospital	Validation of MMR prediction models in the Chinese populations.	C-EX-0813-01
Mark Jenkins	University of Melbourne	Worldwide Study of Cancer Risk for Lynch Syndrome.	C-AU-0113-01
Sonia Kupfer	University of Chicago	Cancer risks and mutation spectrum of mismatch repair gene mutations in African American families with Lynch syndrome.	C-EX-0613-02
Diether Lambrechts	VIB	Novel MSI Marker Panel and de Novo Mutations in MMR Gene Mutation Carriers.	C-EX-1013-02
Noralane Lindor	Mayo Clinic	Expanded Characterization of Familial Colorectal Cancer Type X.	C-CP-0307-01-A1
Georg Luebeck	Fred Hutchinson Cancer Center	Biological modeling and risk prediction for colorectal cancer.	C-SE-0113-01

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Ulrike Peters	Fred Hutchinson Cancer Center	Molecular pathological epidemiology of colorectal cancer.	C-EX-0913-02
Amanda Phipps	Fred Hutchinson Cancer Center	Racial/ethnic differences in the prevalence of PIK3CA mutations in colorectal cancer.	C-EX-0913-02
Douglas Stupart	Deakin University	Fecundity bias in detecting genetic anticipation in Lynch syndrome.	C-EX-0513-02
Albert Tenesa	University of Edinburgh	Estimation of aggregate pleiotropy between BMI, colon and rectal cancer using CFR population-based and clinic-based cases, controls and families.	C-EX-0113-01
Fränzel van Duijnhoven	Wageningen University	Collaborative Study on the Role of Lifestyle Factors, Diet, Body Fatness Development of Tumours in Lynch Syndrome.	C-EX-1213-02
Aung Ko Win	University of Melbourne	Childhood Cancers in Families with and without Mismatch Repair Gene Mutations.	C-EX-1013-01
<b>--2012--</b>			
Dennis Ahnen	University of Colorado School of Medicine	Molecular Identification of Lynch Syndrome.	C-LA-0711-01
Rajani Bharati	University of Melbourne	Family History of Colorectal Cancer as a risk factor for Endometrial Cancer.	C-EX-0412-02
Jason Bielas	Fred Hutchinson Cancer Center	Novel Biomarkers of Disease.	C-EX-0613-03
Laurent Briollais	Samuel Lunenfeld Research Institute, Mount Sinai Hospital	Development of Multistate Models for Screening Evaluation and Risk Estimation in Lynch Syndrome Families.	C-EX-0212-01
Daniel Buchanan	University of Melbourne	Young Onset Colorectal Cancer: Genetics, Pathology And Environment.	C-AU-0312-01
Rowena Chau	University of Melbourne	Profiling risk of familial colorectal cancers using data mining.	C-EX-0412-01
Steve Gallinger	Mount Sinai Hospital; Univ of Toronto	HOXB13 G84E mutation in a colorectal cancer population.	C-TO-0512-01
Anthony Gill	Royal North Shore Hospital	Investigation of mutation specific immunohistochemistry for BRAFV600E to distinguish Lynch syndrome from somatic hypermethylation as a cause of negative staining for DNA mismatch repair proteins.	C-EX-0212-02
Stacey Hart	Ryerson University	Long-term Physical and Psychological Outcomes in Colorectal Cancer Survivors.	C-EX-1111-05
Joanne Kim	University of Toronto	Investigating the effectiveness of predictive genetic testing for colorectal cancer in modifying lifestyles and improving health.	C-EX-0911-03
Mercy Laurino	Fred Hutchinson Cancer Center	The Return of Research Results in the Colorectal Cancer Family Registry.	C-EX-0412-04
Ariadne Letra	Univ of Texas Health Science Center at Houston	Identification of genetic pathways linking tooth agenesis to colorectal cancer.	C-EX-1111-03
Noralane Lindor	Mayo Clinic	Protein Microarray Signature of Autoantibody Biomarker for Detection of Colorectal Cancer.	C-MA-0412-01

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Duncan Thomas	University of Southern California	Study design for next generation sequencing.	C-LA-0412-01
Aung Ko Win	University of Melbourne	Studying tumor pathology features of colorectal cancer cases.	C-EX-1111-02
Y. Nancy You	MD Anderson Cancer Center, Univ of Texas	Young-onset microsatellite stable colorectal cancer.	C-EX-0212-03
<b>--2011--</b>			
David Conti	University of Southern California	Incorporating intermediate biomarkers in a pathway-based model of folate and colon cancer.	C-EX-1211-01
Mark Jenkins	University of Melbourne	Development of a Comprehensive Model for Colorectal Cancer Risk Predication.	C-AU-1210-01
Joan Levine	University of Southern California	Risk of Colorectal or Other Cancers in MLH1 Methylated Cases.	C-CP-0111-01
Noralane Lindor	Mayo Clinic	Efficacy of Treatment of Colon Cancer with Fluorouracil Treatment in Hereditary DNA Mismatch Repair Deficiency Syndrome (Lynch Syndrome).	C-MA-1110-01
Noralane Lindor	Mayo Clinic	Urologic tumors in Lynch Syndrome and Familial Colorectal Cancer Type X.	C-MA-0311-02
Paul Marjoram	University of Southern California	Assessing Optimal Follow-up to Associations from GWAS.	C-EX-0111-02
Polly Newcomb	Fred Hutchinson Cancer Center	Predictors of colorectal cancer screening in relatives of CRC patients.	C-SE-0504-01S-A1
Ian Tomlinson	Cancer Research UK Edinburgh Centre	Use of CCFR controls to improve the power of other cancer GWAS.	C-EX-0411-01
Aung Ko Win	University of Melbourne	Clinical Outcomes after Colorectal Surgery.	C-AU-1110-01-A1
Aung Ko Win	University of Melbourne	Germline de novo mutations in DNA mismatch repair	C-EX-0111-01
Aung Ko Win	University of Melbourne	Risk factors of early-onset colorectal cancer.	C-EX-1010-01
<b>--2010--</b>			
Scott Adams	Fred Hutchinson Cancer Center	Impact of Inflammatory Bowel Disease on CRC Mortality.	C-EX-1209-01
Driss Ait Ouakrim	University of Melbourne	Colorectal Cancer Screening in Australia.	C-EX-1008-01
Lisa Boardman	Mayo Foundation	Are Germline PKHD1 Mutations Protective Against Colorectal Cancer?	C-EX-0410-01
Daniel Buchanan	University of Melbourne	Genetic Modifiers of MUTYH-associated Polyposis.	C-AU-0410-01
George A Calin	MD Anderson Cancer Center, Univ of Texas	Identification of Non-Coding RNAs Involved in CRC Predisposition.	C-EX-0509-01
Peter Campbell	American Cancer Society	Obesity-related Genes FTO and MC4R and Risk of Colorectal Cancer.	C-EX-0710-04
Louisa Flander	University of Melbourne	Personal colorectal cancer risk, gene testing and prevention behaviour in mutation-carrying families.	C-EX-0309-02
Brooke Fridley	Mayo Clinic	Analysis of 8q24 for seven cancers for association reveals common locus for cancer risk.	C-EX-0810-01
Stephen Gruber	Norris Comprehensive Cancer Center, USC	Transdisciplinary Studies of Genetic Variation in Colorectal Cancer (CORECT).	C-EX-1110-02



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Joan Levine	University of Southern California	Dietary Supplements and CRC Risk in the Colon Cancer Family Registry.	C-EX-0410-02
Noralane Lindor	Mayo Clinic	Immunohistochemistry for DNA Mismatch Repair Genes in Prostate Cancers Arising in Men with MMR Gene Mutations.	C-MA-1010-01
Noralane Lindor	Mayo Clinic	Oligodontia in Colorectal Cancer.	C-MA-1109-01
Noralane Lindor	Mayo Clinic	VTR_Admin Supplement for the Familial Colorectal Neoplasia Collaborative Group U01 CA074800.	C-CP-0910-01
Xaviar Llor	Yale University School of Medicine	Ascertainment of Genes Responsible for Hereditary Non-Polyposis Colorectal Cancer without Mismatch Repair	C-EX-0610-01
Polly Newcomb	Fred Hutchinson Cancer Center	Common Medications and Risk of Colorectal Cancer.	C-SE-0510-01
Katy Newton	Central Manchester University Hospitals Trust	DNA Mismatch Gene Promoter Region Methylation Analysis and BRAF Gene Mutation Analysis- an Alternative Prescreening Strategy in Lynch Syndrome (Hereditary Nonpolyposis Colorectal Cancer).	C-EX-0710-01
Mala Pande	MD Anderson Cancer Center	Identification of novel susceptibility markers associated with the breast-colon family phenotype from Genome-Wide Scan data.	C-EX-1209-02
Susan Parry	Middlemore Hospital and Auckland City	Clinical Outcomes for MMR Gene Mutation Carriers Following Colorectal Cancer Surgery.	C-AU-1109-01
William Pollett	Memorial University of Newfoundland	Adherence to Clinical Practice Guidelines for Adjuvant Therapy in Patients with Stage I-III Rectal Cancer: Experience in Two Canadian Provinces.	C-EX-0805-07-A1
Stephen Scherer	Hospital for Sick Children	International Psychiatric Genetics Consortium.	C-EX-0910-01
Duncan Thomas	University of Southern California	Methods of Pathway Analysis with Application to Folate.	C-LA-0910-01
Michael Walsh	Queensland Institute of Medical Research	Diagnostic usefulness of adenomas in Lynch Syndrome.	C-EX-1009-02
Aung Ko Win	University of Melbourne	Environmental Modifiers of Endometrial Cancer Risks among Carriers of Germline Mutations in DNA Mismatch Repair Gene.	C-EX-0410-03
Aung Ko Win	University of Melbourne	Use of Aspirin and Other Non-Steroidal Anti-Inflammatory Drugs and CRC Risk for Carriers of Germline Mutations in DNA Mismatch Repair Gene.	C-EX-0710-03
Shuanglin Zhang	Michigan Technological University	Statistical Models for Family-based Association Studies.	C-EX-0210-02
<b>--2009--</b>			
Daniel Buchanan	University of Melbourne	A Case-Control Genome-Wide Association Study to Identify the Locus Responsible for Hyperplastic Polyposis Syndrome.	C-AU-0808-01
Daniel Buchanan	University of Melbourne	BRAF V600E somatic mutation in Colorectal Cancer - Phase I, II and III Proband.	C-CP-0309-02
Daniel Buchanan	University of Melbourne	Testing for Germline mutations in PMS2 in the Colon-CFR - Phase II and III Probands.	C-CP-0309-01

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Antoni Castells	University of Barcelona, Spain	Identification of Mismatch Repair Gene Carriers in Patients with Colorectal Cancer: A Pooled Data Analysis.	C-EX-0509-04
Rachel Ceballos	Fred Hutchinson Cancer Center	QOL in the Seattle C-CFR.	C-EX-0808-06
Sean Cleary	University of Toronto	The association of cigarette smoking and genetic polymorphisms in carcinogen metabolizing enzymes with pancreatic cancer risk.	C-EX-0109-01
Malcolm Dunlop	MRC Human genetics Unit Western General Hospital Edinburgh	Genetic profiling of colorectal cancer risk.	C-EX-0109-02
Malcolm Dunlop	MRC Human genetics Unit Western General Hospital Edinburgh	Pooled analysis of Colon-CFR genome-wide association data.	C-EX-0509-02
William Foulkes	Sir Mortimer B. Davis Jewish General Hospital	Allelic expression of spindle assembly checkpoint genes in colorectal cancer.	C-EX-0309-01
Steven Gallinger	Cancer Care Ontario; Univ of Toronto	The Base Excision Repair Gene, MYH, and Colorectal Cancer"- phase II and III probands.	C-CP-0109-01
Lyle Gurrin	University of Melbourne	SNPs of iron metabolism and risk colorectal cancer.	C-EX-0409-01
Mark Jenkins	University of Melbourne	Anthropometry and Colorectal Cancer Risk in Mismatch Repair Gene Mutation Carriers.	C-AU-0909-01
Mark Jenkins	University of Melbourne	Genetic modifiers of cancer risk for mismatch repair mutation carriers: SNPs from genome wide association studies.	C-AU-0409-01
Loic Le Marchand	University of Hawaii at Manoa	Colorectal Cancer GWAS in Japanese and African Americans.	C-HA-0309-01
Noralane Lindor	Mayo Clinic	Methylation of the MMR Genes in Individuals with Loss of Expression of MSH2 in CRC but No Mutation Detected.	C-AC-0109-01
Roger Milne	Spanish National Cancer Research Centre (CNIO)	Variation in genes related to inflammation and tumor progression and risk of pancreatic cancer.	C-EX-0409-02
Polly Newcomb	Fred Hutchinson Cancer Center	Factors Associated with Survival After Colorectal Cancer.	C-SE-0109-02
Polly Newcomb	Fred Hutchinson Cancer Center	NSAID Use and Colorectal Cancer Survival in a CFR Population.	C-SE-0109-01
Ulrike Peters	Fred Hutchinson Cancer Center	Colorectal Cancer GWAS Consortium (GECCO).	C-EX-0509-03
Steven Thibodeau	Mayo Clinic	Ph II & III DNA mutation analysis for MLH1/MSH2 /MSH6 and Custom Capture.	C-CP-0409-01
Cornelia Ulrich	Huntsman Cancer Institute	NSAID Metabolism, Cox/PG Pathway and Colorectal Cancer.	C-SE-1203-01-A1
<b>--2008--</b>			
Haitao Chu	UNC-Chapel Hill	Diagnosis and risk factors of microsatellite instability.	C-EX-1107-01
Timothy Church	University of Minnesota School of Public Health	Colorectal Cancer Family History Screening Validation Project.	C-LA-0408-01

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**As of July 10, 2023**

<b>Principal Investigator</b>	<b>PI Institution</b>	<b>Application Title</b>	<b>Application ID</b>
Steve Gallinger	Mount Sinai Hospital; Univ of Toronto	PanScan II.	C-TO-0408-01
John Hopper	University of Melbourne	Candidate gene study using Colon CFR population-based and clinic-based cases, controls and families.	C-AU-0808-02
Mark Jenkins	University of Melbourne	Cancer Risk for Germline Mutations in hPMS2.	C-AU-1007-01
Mark Jenkins	University of Melbourne	Modeling environmental and genetic modifiers of mismatch repair gene mutations using family data.	C-AU-0208-01
Loic Le Marchand	University of Hawaii at Manoa	Genome-Wide Association of Gene Variation and Expression in Colorectal Cancer.	C-HA-1207-01
Joan Levine	University of Southern California	Global DNA Hypomethylation in PBLs as a potential biomarker of CRC Risk.	C-EX-1207-01
Polly Newcomb	Fred Hutchinson Cancer Center	Human papillomavirus association with subsets of colorectal cancer.	C-SE-0408-01
Boris Pasche	University of Alabama at Birmingham	The role of the adiponectin, leptin and insulin pathway in colon cancer.	C-EX-0808-03
<b>--2007--</b>			
Yoland Antill	Peter MacCallum Cancer Centre	Studies into Gynecological Cancers Associated with the Syndrome: Hereditary Nonpolyposis Colon Cancer.	C-EX-0706-02
Bharati Bapat	Mount Sinai Hospital; Univ of Toronto	Epigenetic Contribution of Wnt Pathway Regulatory Genes to Colorectal Cancer.	C-TO-1206-01
Lisa Boardman	Mayo Foundation	Genetic Epidemiology of Telomere Length and Telomere Maintenance Genes.	C-EX-0407-01
Graham Casey	Keck School of Medicine, USC	Identification of Gene Expression Patterns Related to Genetic Subclasses of CRCs using the Affymetrix Whole Exon Gene Expression Array (CORE Activity).	C-CP-0107-01
Carolyn Gotay	University of Hawaii at Manoa	An Online Exercise Program for Individuals At Risk of Colorectal Cancer: A Pilot Study.	C-HA-0806-02
Garry Hannan	CSIRO Molecular & Health Technologies	Genome Wide Association Study to Identify Novel Genetic Modifiers of the Hereditary Non-polyposis Colorectal Cancer (HNPCC) Gene, HMLH1.	C-EX-1206-03
Garry Hannan	CSIRO Molecular & Health Technologies	Novel CRC Genes: High Throughput Screening for Genetic Analysis of Colorectal Cancer Risk.	C-EX-1206-02
Wendy Kohlmann	Huntsman Cancer Institute	The Effect of Smoking on Urothelial Cancer Risk in Individuals with HNPCC.	C-EX-0906-01
Loic Le Marchand	University of Hawaii at Manoa	Inflammation and Innate Immunity Genes and Colorectal Cancer.	C-HA-0806-01
Loic Le Marchand	University of Hawaii at Manoa	8q24 and Colorectal Cancer in the CCFR.	C-CP-0407-01
Noralane Lindor	Mayo Clinic	Development of a Family-Based Cancer Prevention Intervention for Cancer Survivors who are Family Members.	C-MA-0407-01
Gail McKeown-Eyssen	University of Toronto	Familial Clustering Of Environmental And Genetic Risk Factors: Extension of Analytic Methods.	C-AC-0707-01
Andreas Obermair	Queensland Centre for Gynaecological Cancer	Incidence of Endometrial Cancer in Lynch Syndromes after a Diagnosis of Colorectal Cancer.	C-EX-0706-01
Mala Pande	MD Anderson Cancer Center	Smoking as a modifier of risk of colorectal cancer in Lynch syndrome.	C-EX-0307-01

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<b>Principal Investigator</b>	<b>PI Institution</b>	<b>Application Title</b>	<b>Application ID</b>
Giovanni Parmigiani	Sidney Kimmel Comprehensive Cancer Center, Johns Hopkins University	Extending MMRpro to Handle Misreported Family History.	C-EX-1106-01
Harry Prapavessis	University of Western Ontario	Initiating and Maintaining Exercise in Relatives of Colorectal Cancer: A Test of Self-Regulation Theory.	C-EX-0407-03
Michael Reedijk	University Health Network	Activation of Notch Signaling in Human Colon Cancer, Clinicopathologic Correlations.	C-EX-0806-04-A1
Betsy Risendal	University of Colorado and Denver Health Sciences Center	Quality of Life and Health-Related Behaviors among Long-Term Colon Cancer Survivors.	C-EX-0407-02
Mark Silverberg	University of Toronto, Mount Sinai Hospital	Genetic Predictors of Gastrointestinal Cancer in Patients with Inflammatory Bowel Disease.	C-EX-1206-04
Sapna Syngal	Dana-Farber Cancer Institute, Brigham and Women's Hospital and Harvard Medical School	External Validation and Comparison of PREMM Model with Current Predictive Models for Lynch Syndrome.	C-EX-1006-01
Sapna Syngal	Dana-Farber Cancer Institute, Brigham and Women's Hospital and Harvard Medical School	The Prevalence of p53 Germline Mutations in Very Young-Onset Colorectal Cancer.	C-EX-1206-05
Csilla Szabo	Mayo Clinic	Candidate Gene Screening in Familial Breast-Colon Cancer.	C-EX-1206-01
Jensen Tan	University of Toronto	Processes of Care after Colorectal Cancer Surgery in Ontario.	C-EX-1007-01
Ian Tomlinson	Cancer Research, United Kingdom	Validation or Rejection of Genetic Variants with Suggestive Association with Increased Risk of Colorectal Cancer.	C-EX-0807-01
Michael Woods	Memorial University of Newfoundland	Genetic Anticipation and Parent-of-Origin Effects in Families with Mismatch Repair Defects.	C-EX-0107-01
Brent Zanke	Cancer Care Ontario; Univ of Toronto	Cancer Risk Evaluation (CaRE) Program.	C-EX-0807-02
<b>--2006--</b>			
Daniel Buchanan	University of Melbourne	BAT26 Stability in MMR Deficient Tumours as an Indication of Large Deletions in Exon 5 of MSH2.	C-AU-0506-01
Daniel Buchanan	University of Melbourne	Genetics of Serrated Neoplasia.	C-AU-0506-02
Daniel Buchanan	University of Melbourne	Pilot Study of BRAF Mutation Levels in Clinic-Based Colorectal Cancer Families.	C-AU-0406-02
Daniel Buchanan	University of Melbourne	Pilot Study of LCL Expression Arrays in Hyperplastic Polyposis.	C-AU-0406-01
Daniel Buchanan	University of Melbourne	Preliminary Linkage Analysis of Serrated Pathway Families.	C-AU-0805-05
Daniel Buchanan	University of Melbourne	The Molecular Characterization of Endometrial Tumours.	C-AU-0406-03
Graham Casey	Keck School of Medicine, USC	Genomic Wide Association Study of Colorectal Cancer.	C-LA-0806-01

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<b>Principal Investigator</b>	<b>PI Institution</b>	<b>Application Title</b>	<b>Application ID</b>
Albert de la Chapelle	Ohio State University	Characterization of Mutations in the PMS2 Gene in Samples from the Colon Cancer Family Registry.	C-EX-0806-01
Mary Jane Esplen	Toronto General Research Institute	A Pilot Study Investigating the Offer to Disclose Genetic Test Results to CFR Participants.	C-EX-0806-05
Anna Gagliardi	Sunnybrook Health Sciences Centre, Toronto	Exploring the Cognitive Processes that Influence Intra-Operative Decisions during Colorectal Cancer Surgery: Qualitative Analysis of Operative Notes and Surgeon Interviews.	C-EX-0506-03
Carolyn Gotay	University of Hawaii at Manoa	Communication about Colorectal Cancer in Japanese and Caucasian Survivors.	C-HA-0806-03
Virginia Hartmuller	National Cancer Institute	Proposal to Compare and Evaluate Responses to the Diet-Specific Questions on the Epidemiology Questionnaire in the Colon CFR.	C-CP-0206-01
Mark Jenkins	University of Melbourne	Colorectal Cancer Risk for Germline Mutations in hMLH1 and hMSH2.	C-CP-0606-03
Joan Levine	University of Southern California	Risk Factors for hMLH1 promoter region methylation in sporadic colorectal cancer.	C-CP-0506-03
Paul Limburg	Mayo Clinic	Associations between excess body weight and colorectal cancer risk, overall and by MSI phenotype.	C-CP-0506-02
Jan Lowery	University of Colorado	An Evaluation of the Association Between Physical Activity and MSI in Colon Cancer.	C-CP-0506-01
David Martin	Children's Hospital Oakland Research Inst.	Somatic MLH1 Epimutation and Sporadic MSI Cancer Risk.	C-EX-0406-02
John McLaughlin	Prosserman Centre for Health Research	The Ontario Population Genomics Platform (OPGP).	C-TO-0406-01
Polly Newcomb	Fred Hutchinson Cancer Center	Combined Postmenopausal Hormone Use in Relation to Subtypes of CRC defined by MSI, MMR and Methylation Status.	C-CP-0806-01
Jenny Poynter	University of Southern California	Descriptive Characteristics and Familial Aggregation of MLH1 Promoter Methylation.	C-CP-0506-04
Jenny Poynter	University of Southern California	History for Predicting MMR Mutations.	C-CP-0506-06
Jenny Poynter	University of Southern California	Sensitivity, Specificity and Predictive Values for Immunohistochemistry, Microsatellite Instability and Family History for Predicting MMR Mutations.	C-CP-0506-05
Pamela Sinicrope	Mayo Clinic	A Pilot Study to Compare General Attitudes toward Medical Significance Thresholds among Study Participants, Genetics Researchers, and Institutional Review Boards.	C-EX-0806-06
Steven Thibodeau	Mayo Clinic	Colorectal Cancer Risk for Germline Mutations in hMSH6.	C-CP-0606-01
Steven Thibodeau	Mayo Clinic	MSH6 (lab manuscript).	C-CP-0606-02
Peter Wang	Memorial University of Newfoundland	Exploration of Risk Factors, Inter-provincial Differences and Risk Modifiers of Colorectal Cancer.	C-EX-0506-02
Robyn Ward	Univ. of New South	Germline Epimutation of MLH1 as a Factor in HNPCC.	C-EX-1205-01

**--2005--**

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**As of July 10, 2023**

<b>Principal Investigator</b>	<b>PI Institution</b>	<b>Application Title</b>	<b>Application ID</b>
Carl Brown	University of Toronto	Survival in Patients with Inflammatory Bowel Disease Who Develop Colorectal Cancer.	C-TO-0405-02
Daniel Buchanan	University of Melbourne	Studies of Breast Cancers in HNPCC Kindreds.	C-AU-0805-04
Mary Jane Esplen	Toronto General Research Institute	A RCT of Cancer Risk and Health Education in Relatives of Colorectal Cancer Patients.	C-TO-0405-01-A1
Marsha Frazier	MD Anderson Cancer Center, Univ of Texas	Genetic Modifiers of Hereditary Nonpolyposis Colorectal Cancer.	C-EX-0405-02
Robert Gryfe	Mount Sinai Hospital	MSI-H Colorectal Cancer Genotype and Phenotype.	C-TO-0405-03
Jeremy Jass	McGill University	Evaluation of Histology Features as Markers for DNA Mismatch Repair Deficiency in Colorectal Cancer.	C-AU-0899-01
Noralane Lindor	Mayo Clinic	A Gene-Environment study of a-1 Antitrypsin Deficiency as a Risk Factor for Mismatch Repair Deficient CRC in Smokers and Non-Smokers.	C-MA-0805-01
Polly Newcomb	Fred Hutchinson Cancer Center	Predictors of Agreement to Provide a Blood or Buccal Biospecimen Sample.	C-SE-0305-01
Michael Siciliano	MD Anderson Cancer Center, Univ of Texas	MSI in Putatively Stable HNPCC Families.	C-EX-0405-01
Mariana Stern	Keck School of Medicine, USC	DNA Repair and Colorectal Cancer Risk Within the USCC (Amendment).	C-LA-0402-01-C05-A1
Cornelia Ulrich	Huntsman Cancer Institute	Folate, Pharmacogenetics, and Colorectal Cancer Survival.	C-EX-0805-06
Debrah Wirtzfeld	Memorial University of Newfoundland	Prognostic Determinants in Incident Cases of Colorectal Cancer (CRC): A Comparison Between Ontario & Newfoundland Incident Cases of CRC 1999-2000.	C-EX-0805-07
<b>--2004--</b>			
Dennis Ahnen	University of Colorado School of Medicine	Colorectal Screening Practices in Members of High Risk Families.	C-LA-0804-02S
C. Richard Boland	Baylor University Medical Center	Using CFR Resources to Study HNPCC.	C-EX-1203-01
Deborah Bowen	Fred Hutchinson Cancer Center	Increasing Colon Screening with an Interactive Website.	C-SE-0404-01
Manuela Gago-Dominguez	University of Southern California	A Genetic Epidemiological Study of Lipid Peroxidation in Colorectal Cancer.	C-LA-0404-01
Steve Gallinger	Mount Sinai Hospital; Univ of Toronto	The Base Excision Repair Gene, MYH, and Colorectal Cancer.	C-TO-1203-01
Robert Haile	University of Southern California	Genes Related to Folate and Vitamin D/Calcium.	C-LA-1203-01
Kelly Kohut	Sarah Lawrence College	Duty to Warn family about an HNPCC mutation.	C-TO-1299-01-C04
Nancy Kreiger	Cancer Care Ontario; Univ of Toronto	Prevalence of Helicobacter Pylori infection in Ontario.	C-TO-0404-01
Peter Laird	Keck School of Medicine, USC	CpG Island Methylator Phenotype in Colorectal Cancer.	C-LA-1203-02
Loic Le Marchand	University of Hawaii at Manoa	Epidemiologic Research on Ethnic/Racial Minorities in the Colon CFR.	C-HA-1203-01

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**As of July 10, 2023**

<b>Principal Investigator</b>	<b>PI Institution</b>	<b>Application Title</b>	<b>Application ID</b>
Sanford Markowitz	Case Western Reserve University	A 9q22.2 Gene is a Novel Cause of Familial Colon Cancer.	C-EX-1203-03
Elena Martinez	Arizona Cancer Center, University of AZ	Susceptibility to Insulin Resistance Syndrome and Risk of Colorectal Cancer.	C-LA-0804-01
Gail McKeown-Eyssen	University of Toronto	Response Bias From Failure to Provide a Blood Sample Among Participants in the Ontario Family Colorectal Cancer Registry (OFCCR).	C-TO-0304-01S
Walter W. Noll	Myriad Genetics Laboratories, Inc.	Mismatch Repair Gene Mutations in Early Colorectal Cancer.	C-EX-0804-01
Giovanni Parmigiani	Sidney Kimmel Comprehensive Cancer Center, Johns Hopkins University	Validation of the CRCAPRO carrier probability model.	C-EX-0104-01
Brent Zanke	Cancer Care Ontario; Univ of Toronto	Assessment of Risk for Colon Tumors in Canada (ARCTIC).	C-EX-1203-02-A1
<b>--2003--</b>			
Bharati Bapat	Mount Sinai Hospital; Univ of Toronto	The Role of Polymorphisms in Mismatch Repair Genes in the Development of Colon Cancer.	C-TO-0503-01
Robert Beart	Keck School of Medicine, USC	Genetic Staging of Colon Cancer.	C-EX-0803-04-A1
D. Timothy Bishop	St. James's University Hospital	Quantifying and Modelling Cancer Risks in Relatives of Population-Based Colorectal Cancer Cases and Controls.	C-EX-0803-01
Michelle Cotterchio	Cancer Care Ontario; Univ of Toronto	The Effect of Access to an Interactive Colon Cancer Website on Subject Participation in the [OFCCR].	C-TO-0103-01S
Mazda Jenab	Cancer Care Ontario; Univ of Toronto	The association between dietary Vitamin D intake and colorectal cancer risk.	C-TO-0703-01S
Richard King	University of Minnesota School of Medicine	Proteomic and Genomic Analysis of Colorectal Cancer.	C-LA-1202-01
Lisa Madlensky	University of California, San Diego	Health Behaviors and Family History of Colorectal Cancer.	C-EX-0803-03
Polly Newcomb	Fred Hutchinson Cancer Center	Effect Modification of Smoking by NSAIDs in Colorectal Cancer.	C-SE-0603-01S
Maren Scheuner	Centers for Disease Control & Prevention	Clinical Validity Study of Colon Cancer Family History.	C-EX-0803-02-A1
Steven Thibodeau	Mayo Clinic	MLPA Study (Thibodeau), MLH1 methylation (Laird)	C-CP-1103-02
Cornelia Ulrich	Huntsman Cancer Inst.	Pharmacogenetics of 5-Fluorouracil - Pilot.	C-SE-0803-01
Cornelia Ulrich	Huntsman Cancer Inst.	Pharmacogenetics of Thymidylate Synthase Inhibitors.	C-SE-0803-02
<b>--2002--</b>			
Graham Casey	Keck School of Medicine, USC	Comparison of mutation detection platforms in patient samples with very high likelihood of carrying germline mutations in MLH1 or MSH2.	C-LA-0102-01S
Michelle Cotterchio	Cancer Care Ontario; Univ of Toronto	Colorectal Cancer Risk: Association with Epidemiologic Factors and Genetic Polymorphisms in Selected Enzymes That Activate Carcinogens and Metabolize Estrogens.	C-TO-1201-01

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<b>Principal Investigator</b>	<b>PI Institution</b>	<b>Application Title</b>	<b>Application ID</b>
Noralane Lindor	Mayo Clinic	Risk of Cancers in Amsterdam I Families without MSI-H tumors: Are the cancer risks the same as in families with hereditary DNA mismatch repair defects?	C-MA-0902-01S
John McLaughlin	Prosserman Centre for Health Research	Estrogens and risk of colorectal cancer among women predisposed to hereditary nonpolyposis colorectal cancer (HNPCC).	C-TO-0202-01S
Robin McLeod	Mount Sinai Hospital; Univ of Toronto	Is obesity or overweight a barrier for colorectal cancer screening in average risk individuals residing in Ontario or Seattle?	C-TO-1101-01S
Polly Newcomb	Fred Hutchinson Cancer Center	JC Virus in Colorectal Cancer.	C-SE-0802-01
Boris Pasche	University of Alabama at Birmingham	Polymorphisms of the TGF- $\beta$ Signaling Pathway and Colorectal Cancer Risk.	C-EX-1202-02
John Potter	Fred Hutchinson Cancer Center	Antibody (rScFv) Arrays for Colon Cancer Screening.	C-SE-0902-01S
Mariana Stern	University of Southern California	DNA repair and colorectal cancer risk within the USCC.	C-LA-0402-01
Steven Thibodeau	Mayo Clinic	Analysis of MSI-H colorectal tumors with normal hMLH1, hMSH2 and hMSH6 protein expression.	C-MA-0402-01
<b>--2001--</b>			
Dennis Ahnen	University of Colorado School of Medicine	Family History Characteristics in the Colon CFRs.	C-LA-0101-01
Dennis Ahnen	University of Colorado School of Medicine	Promoting Colon Cancer Screening Among Genetically Defined High-Risk Populations Within the Cooperative Family Registry for Colon Cancer Studies (CFRCCS).	C-LA-0401-01
Lisa Boardman	Mayo Foundation	Family History of Colorectal Cancer (CRC) or Extracolonic Malignancies Among Young Onset CRC Patients.	C-MA-0201-02
Michelle Cotterchio	Cancer Care Ontario; Univ of Toronto	Association between Double Primary Endometrial-Colorectal Cancers and Family History of Cancer, Subject Characteristics and Underlying Molecular Features.	C-TO-1100-01
Michelle Cotterchio	Cancer Care Ontario; Univ of Toronto	Family history of breast cancer and colorectal cancer risk in Ontario.	C-TO-0201-01S
Michelle Cotterchio	Cancer Care Ontario; Univ of Toronto	The efficacy of colorectal screening procedures in reducing CRC risk (incidence) among participants of a population-based case control study in Ontario.	C-TO-0101-01
Mary Jane Esplen	Toronto General Research Institute	The Development of an Instrument to Measure Self-Concept in HNPCC Gene Carriers.	C-TO-0401-01
Vivek Goel	University of Toronto	Screening in relatives of Ontario CRC patients.	C-EX-0401-02-A1
Noralane Lindor	Mayo Clinic	Loss of expression of MLH1 as a function of aging.	C-MA-0501-01
Noralane Lindor	Mayo Clinic	Microsatellite Instability Test Results: Perspectives from Patients.	C-MA-0801-01
Noralane Lindor	Mayo Clinic	Microsatellite Instability Testing versus Immunohistochemistry for Phenotyping of Colorectal Tumors.	C-MA-0201-01
Noralane Lindor	Mayo Clinic	Parent of Origin Effects in Colorectal Cancer Predisposition.	C-MA-0401-02



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Noralane Lindor	Mayo Clinic	Prevalence of the APC E1317Q variant in patients with multiple adenomatous polyps and colorectal cancer patients.	C-MA-0401-01
Sheila Murphy	University of Southern California	Understanding Uncertainty: Communicating the Genetic Risk of Cancer.	C-EX-0401-03
Polly Newcomb	Fred Hutchinson Cancer Center	Genotype-phenotype correlation of IGF-1.	C-SE-0401-01
Gloria Peterson	Mayo Clinic	Accuracy of family history of cancer provided by colorectal cancer patients.	C-MA-0301-01
Andrew Smith	Sunnybrook Regional Cancer Centre, Toronto	Quality improvement in lymph node assessment for colorectal cancer.	C-TO-1201-01S
Steven Thibodeau	Mayo Clinic	Mechanisms of MSH6 inactivation in mismatch repair deficient tumors.	C-MA-0401-03
<b>--2000--</b>			
Deborah Bowen	Fred Hutchinson Cancer Center	The Needs of Families with Colorectal Cancer.	C-SE-1200-01-A1
Michelle Cotterchio	Cancer Care Ontario; Univ of Toronto	Agreement between proxy- and case-reported information obtained using the self-administered OFCCR epidemiologic questionnaire.	C-TO-0000-01
Ellen Goode	Mayo Clinic	Identification of Novel Cancer Susceptibility Loci: A Sib-Pair Study.	C-SE-0000-01CS
Robert Haile	University of Southern California	A Molecular Epidemiology Study of Loss of Imprinting.	C-LA-0800-01
Polly Newcomb	Fred Hutchinson Cancer Center	Efficacy of Screening Tests to Prevent Colorectal Cancer.	C-SE-0800-01S
Polly Newcomb	Fred Hutchinson Cancer Center	Modeling Risk for Colorectal Cancer- Projecting Individualized Probabilities.	C-SE-0400-01S
John Potter	Fred Hutchinson Cancer Center	DNA Damage Repair.	C-SE-0400-01
Scott Ramsey	Fred Hutchinson Cancer Center	A multifactorial economic model of risk stratification and screening for colon cancer.	C-SE-0800-02S
Helmut Zarbl	Fred Hutchinson Cancer Center	A Pilot Study to Test the Validity of Constant Denaturing Capillary Electrophoresis (CDE) for Mutation Detection of Mismatch Repair Genes in CRC.	C-SE-0400-02AS
<b>--1999--</b>			
Bharati Bapat	Mount Sinai Hospital; Univ of Toronto	Investigation of tumor MSI status versus family history characteristics among colorectal cancer patients.	C-MA-0499-02-E03-01
Bharati Bapat	Mount Sinai Hospital; Univ of Toronto	The Role of Susceptibility Genes and Environmental Risk Factors in the Etiology of Mutator versus Suppressor Pathway of Colorectal Cancer.	C-TO-0899-02
Michelle Cotterchio	Cancer Care Ontario; Univ of Toronto	The Cumulative Risk of Colon and Endometrial Cancer among Hereditary Non-Polyposis Colorectal Cancer (HNPCC) Susceptibility Gene Mutation Carriers in Ontario.	C-TO-0899-03
Alexandria Easson	Princess Margaret Hospital	The surgical management of potentially curable colon cancer in Ontario.	C-TO-0899-04

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<b>Principal Investigator</b>	<b>PI Institution</b>	<b>Application Title</b>	<b>Application ID</b>
Mary Jane Esplen	Toronto General Research Institute	Development of a Group Intervention for HNPCC Gene Carriers.	C-TO-0899-01
Mary Jane Esplen	Toronto General Research Institute	Psychosocial & Behavioral Impact of Predictive DNA Testing for Hereditary Nonpolyposis Colorectal Cancer (HNPCC).	C-TO-1299-01
Jeremy Jass	University of Queensland	Genetic Screening for HNPCC in High Risk Families.	C-AU-0506-02
Joan Levine	University of Southern California	Mutagen Sensitivity in Familial Colorectal Cancer.	C-LA-0499-01
Noralane Lindor	Mayo Clinic	CFRCCS Microsatellite Instability Project (aka: The Familial Colorectal Neoplasia Collaborative Group).	C-MA-0499-02
Polly Newcomb	Fred Hutchinson Cancer Center	Association of Colorectal Cancer with Vitamin D Receptor Gene Polymorphism and Lifetime Sun Exposure.	C-SE-0899-01
Polly Newcomb	Fred Hutchinson Cancer Center	Hormone Replacement Therapy and Large Bowel Cancer Risk.	C-SE-0899-02
Steven Thibodeau	Mayo Clinic	Analysis of MSI markers and correlation with IHC in patients with colorectal and other cancers.	C-MA-0499-02-E03-02
<b>--1998--</b>			
Steve Gallinger	Mount Sinai Hospital; Univ of Toronto	Genetic Predisposition to Colorectal Cancer Caused by Weakly Penetrant APC Alleles.	C-TO-1298-01
Karen Glanz	University of Hawaii at Manoa	Influencing Early Detection and DNA Testing in Families with Colorectal Cancer.	C-HA-1298-01
<b>--1997--</b>			
John Potter	Fred Hutchinson Cancer Center	Creation of a Permanent Genetics Resource at the CFRCCS.	C-SE-0097-01CS