

Center for
Advanced Digestive Care

Recipients of the 2015 Round 5 CADC Pilot Project Awards

Directed Differentiation of Human Embryonic Stem Cells to Model Pancreatitis and Drug Discovery

PI: Shuibing Chen, PhD, Department of Surgery
Todd Evans, PhD, Department of Surgery

Modeling Hepatocellular Carcinoma using pluripotent stem cell derived hepatocyte-like cells

PI: Robert Schwartz, Division of Gastroenterology and Hepatology
Yaron Bram, Division of Gastroenterology and Hepatology
Angela Frankel

Management of Early Onset Colon cancer – An evaluation of Surveillance and Effectiveness

PI: Manish A. Shah, MD, Division of Hematology and Oncology
Co-PI: Yuhua Bao, PhD, Department of Healthcare Policy and Research

Randomized Crossover Study of the Efficacy of Sacral Neuromodulation (SNM) with Interstim™ for Low Anterior Resection Syndrome (LARS) Following Surgery for Low Rectal Cancer or Rectal Polyps with Sphincter Preservation

PI: Heather Yeo, MD, Division of Colon and Rectal Surgery
Co-PIs: Jeffrey Milsom, MD, Division of Colon and Rectal Surgery
Kelly Garrett, MD, Division of Colon and Rectal Surgery

Randomized Trial of Endoscopic Sleeve Gastroplasty and Lifestyle Therapy vs. Lifestyle Therapy for the Treatment of Obesity

PI: Reem Sharaiha, MD, MS, Division of Gastroenterology and Hepatology
Louis Aronne, MD, Division of Endocrinology
Andrew Dannenberg, MD, Division of Gastroenterology and Hepatology
Xi Kathy Zho, PhD, Department of Healthcare Policy and Research
Alpana Shukla, MD, Department of Medicine
Michael Pollak, MD, McGill University

Recipients of the 2014 Round 4 CADC Pilot Project Awards

Randomized trial of usual care versus mobile applications to decrease readmission

PI: Heather Yeo, MD, MHS Division of Colon and Rectal Surgery, Department of Healthcare Policy and Research
Co-PI: Art Sedrakyan, MD, PhD, Department of Healthcare Policy and Research
JP Pollak, PhD, Cornell Tech
Abby Isaacs, MS, Department of Healthcare Policy and Research
Bridget McClure, MA, MPA, Joint Clinical Trials Office/Center for Advanced Digestive Care

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Pursuit of the 'Ideal' Intestinal Protective Agent in a New Era of Digestive Surgery

PI: Jeffrey Milsom, MD, FACS, Division of Colon and Rectal Surgery

Co-PI: Hermann Stellar, PhD, Strang Professor of Cancer Science, Rockefeller University

Sameer Sharma, MD, MRCS, Department of Surgery

Kentaro Nakajima, MD, Department of Surgery

Avi Levin, MD, Rockefeller University

Comparison survey of long-term survival in colon cancer patients between USA and Japan – A retrospective cohort study using national databases

PI: Toyooki Sonoda, MD, Division of Colon and Rectal Surgery

Co-PI: Kentaro Nakajima, MD, Division of Colon and Rectal Surgery

Heather Yeo, MD, MHS, Division of Colon and Rectal Surgery, Department of Healthcare Policy and Research

Jeffrey Milsom, MD, Division of Colon and Rectal Surgery

Koiana Trencheva, BS, MS, Division of Colon and Rectal Surgery

Modeling recurrent chromosomal rearrangements in the initiation, progression and treatment of intestinal tumors

PI: Lukas Dow, PhD, Department of Medicine / Hematology and Medical Oncology

Andrew Dannenberg, MD, Department of Medicine / Gastroenterology and Hepatology

Defining the microbial and Immunologic Pathogenesis of IBD-associated Spondyloarthritis

PI: Randy Longman, MD, PhD, Department of Medicine / Gastroenterology and Hepatology

Co-PI: Ellen Scherl, MD, Department of Medicine / Gastroenterology and Hepatology

Dan Littman, MD, PhD, Department of Molecular Pathology

Recipients of the 2014 Round 3 CADC Pilot Project Awards

A Novel Shared Mechanism of Action between Colorectal Cancer Chemopreventative and Chemotherapy Drugs: Thymidine Depletion by DFMO/Sulindac and 5-Fluorouracil

PI: Steven Gross, PhD, Department of Pharmacology

Co-PI: Steven Lipkin, MD, PhD, Department of Medicine and Genetic Medicine, Division of GI/Hepatology

Mavee Witherspoon, Department of Pharmacology

Reversing CD8+ T cell exhaustion in HBV Infected Mice

PI: Ype de Jong, MD, PhD, Division of Gastroenterology and Hepatology

Co-PI: Eva Billerbeck, PhD

The effect of H. pylori Infection on the Human Gastric Microbiome

PIs: Manish A. Shah, MD, Division of Hematology and Medical Oncology

Doron Betel, PhD, Division of Hematology and Medical Oncology and Institute for Computational Biomedicine,

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Co-PI: Felice Schnoll-Sussman MD, Department of Medicine, Division of Gastroenterology
Judy Tung, MD, Department of Medicine, Director Weill Cornell Internal Medicine Associates
Rhonda Yantis MD, Department of Pathology

Early Removal of Urinary Catheter in Postop Proctectomy Patients

PI: Govind Nandakumar, MD, Division of Colon & Rectal Surgery
Co-PI: Jeffery Milsom, MD, Division of Colon & Rectal Surgery
Doaa AlSaleh, MD, Division of Colon & Rectal Surgery
Koiana Trencheva, BS, M.S., Division of Colon & Rectal Surgery
Malinka Velcheva, Division of Colon & Rectal Surgery

Using Human Induced Pluripotent Stem Cells to Model Familial Adenomatous Polyposis for Mechanistic Studies and Chemoprevention

PI: Govind Nandakumar, MD, Division of Colon & Rectal Surgery
Co-PI: Shuibing Chen, PhD, Department of Surgery
Steven Lipkin MD PhD, Department of Medicine and Genetic Medicine

Recipients of the 2013 Round 2 CADC Pilot Project Awards

Determining a Molecular Profile of Pancreatic Neuroendocrine Tumors Obtained by Fine Needle Aspiration

PI: Thomas Fahey, MD- Division of Endocrine and Minimally Invasive Surgery
Co-PI: Brian Turner, MD- Division of Gastroenterology and Hepatology
Olivier Elemento, PhD- Institute for Computational Biomedicine
Rana Hoda, MBBS- Department of Pathology
Nicole Panarelli, MD- Department of Pathology

Whole-exome Sequencing of Pre-neoplastic Colonic Adenomas to Identify Early Drivers of Colorectal Cancer

PI: Zeynep Gumus, PhD- Institute of Computational Biomedicine
Co-PI: Jian Sun, PhD- Institute of Computational Biomedicine
Improved Understanding of Outcomes for Colectomy and Assessment of Incidence and Risk Factors for Postoperative Ileus Using the Premier Perspective Database
PI: Madhu Mazumdar, PhD- Division of Biostatistics and Epidemiology
Co-PI: Stavros Memtsoudis, MD, PhD- Hospital for Special Surgery Department of Anesthesiology
Jashvant Poeran, MD, PhD- Division of Biostatistics and Epidemiology
Rehana Rasul, MA, MPH- Division of Biostatistics and Epidemiology

Randomized Controlled Trial Comparing Radiofrequency Ablation and Stenting vs. Stenting Only for Cholangiocarcinoma and Pancreatic Cancer

PI: Reem Sharaiha, MD, MS- Department of Gastroenterology and Hepatology
Co-PI: Michel Kahaleh, MD- Department of Gastroenterology and Hepatology
Rana Hoda, MD- Cytopathology

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Monica Gaidhane, MD, MPH, CCRC- Department of Gastroenterology and Hepatology

Recipients of the 2013 Round 1 CADC Pilot Project Awards

Whole Exome Sequencing to Identify Familial Pediatric Crohn's Disease Risk Genes

Co-PI: Olivier Elemento, PhD- Department of Physiology

Co-PI: Steven Lipkin MD, PhD- Division of Gastroenterology and Hepatology

Co-PI: Robbyn Sockolow, MD- Division of Pediatric Gastroenterology

Vesta Salehi, MD- Department of Pediatrics

Therapeutic Targeting of Pancreatic Cancer Stem Cells

PI: Todd Evans, PhD- Department of Surgery

Shuibing Chen, PhD- Department of Surgery

Michael Lieberman, MD- Department of Surgery

Fabrizio Michelassi, MD- Department of Surgery

A Platform for Drug Discovery Targeting MEN1 in Pancreatic Neuroendocrine Tumors

PI: Yariv Houvras, MD, PhD- Department of Surgery

Marco Seandel, MD, PhD- Department of Surgery

Todd Evans, PhD- Department of Surgery

Shuibing Chen, PhD- Department of Surgery

Thomas Fahey, MD- Department of Surgery

Inhibition of mRNA Demethylation as a Therapeutic Strategy for Inflammatory Bowel Disease

PI: Samie Jaffrey, MD, PhD- Department of Pharmacology

Kate D. Meyer, PhD- Department of Pharmacology