

SECTION OF GASTROENTEROLOGY AND HEPATOLOGY

The Section of Gastroenterology and Hepatology had a successful year. With over 175 papers in scientific journals (up from 160 last year) and over \$9 million in research funding in 2020, the Section remains a leader in research in gastrointestinal and liver diseases. The Section continues to be the clinical home for the NIH funded Digestive Disease Center, one of 17 federally funded centers focusing on research in GI diseases. We also serve as the coordinating center for the new Texas Collaborative Center for Hepatocellular Cancer (TeCH), which will be a platform to promote collaboration among scientists, clinicians, community leaders and policy makers to reduce HCC mortality in Texas. Section members are in key leadership positions, ranging from serving in the Faculty Senate at the College level to Editorship of Clinical Gastroenterology and Hepatology, one of the major clinical journals in the field.

Our top-notch faculty provides high quality, compassionate healthcare at Baylor St. Luke's Medical Center (BSLMC), Ben Taub General Hospital, and Michael E. DeBakey Veterans Affairs Medical Center. In 2020, BSLMC ranked #21 in the nation for Gastroenterology, maintaining its upward trajectory over the last 3 years. We expanded our footprint outside of the Texas Medical Center by establishing general GI practice at St. Luke's Hospital, Sugarland. We continue to introduce several innovations in our practices, including cutting edge advanced endoscopic procedures and multidisciplinary treatment of complex GI disorders. We play an important role in advancing our understanding of digestive and liver diseases and training future clinicians and researchers. The Section hosted a highly successful CME accredited Course this past year in which over 120 participants attended the 2nd Board Review Course in September 2019.

This annual report outlines some of the achievements and recognitions during 2020 – the year of the pandemic. Overall, our performance speaks to our tenacity and resilience as a group.



Fasiha Kanwal, MD, MSHS, AGAF, FAASLD
Professor of Medicine
Chief, Gastroenterology and Hepatology Baylor
College of Medicine, Houston TX

HIGHLIGHTS

- Faculty received numerous awards and recognitions at the local and national levels
- Seven new faculty members joined the Section
- Successful academic year, with 175 publications and 59 active grants
- Renewal of T32 Research Training Grant
- Expansion of clinical operation to St. Luke's Sugarland
- BSLMC ranked #21 in gastroenterology

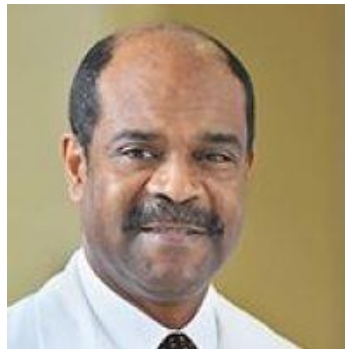
FACULTY- Section Leadership



Fasiha Kanwal, M.D., M.S.H.S, A.G.A.F, F.A.A.S.L. D
Chief of Gastroenterology



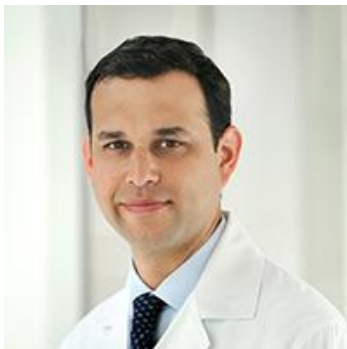
John Vierling, M.D., F.A.C.P.
Chief of Hepatology
Director of Baylor Liver Health



Fred Sutton, M.D.
Interim Service Chief
Ben Taub



Rhonda Cole, M.D.
Associate Service Chief
MEDVAMC



Kalpesh Patel, M.D.
Medical Director
Baylor College of Medicine



Jason Hou, M.D., M.S., F.A.C.G
Fellowship Director
Baylor College of Medicine

FACULTY- Baylor Medicine

Wasif Abidi, M.D., Ph.D.
Assistant Professor

Suneal Agarwal, M.D.
Assistant Professor

Sharmila Anandasabapathy, M.D.
Professor

Andrea Bradford, Ph.D.
Assistant Professor

Johanna Chan, M.D.
Assistant Professor

Reena Chokshi, M.D.
Assistant Professor

Hashem El-Serag, M.D., M.P.H.
Professor

Elaine Allison Hess, Ph.D.
Assistant Professor

Salmaan Jawaid, M.D.
Assistant Professor

Joseph Krill, M.D.
Assistant Professor

Jason Hou, M.D., M.S., F.A.C.G
Associate Professor

Manreet Kaur, M.D.
Associate Professor

Lukasz Kwapisz, M.D., F.R.C.P.C
Assistant Professor

Nabil Mansour, M.D.
Assistant Professor

Temitope Osinaiya, DHSc., RDN
Sr. Reg Dietitian

Mohamed Othman, M.D.
Associate Professor

Kalpesh Patel, M.D.
Associate Professor

Waqar Qureshi, M.D., F.A.C.P, F.A.C.G, F.R.C.P
Professor

Jordan Shapiro, M.D.
Assistant Professor

Rehman Sheikh, M.D.
Assistant Professor

FACULTY- Ben Taub Hospital

Khushboo Munot, M.D.
Assistant Professor

Chris Pappas, M.D., J.D., F.C.L.M., F.A.A.S.L.D
Associate Professor

RJ Sealock, M.D.
Assistant Professor

Melina Gould Suarez, M.D.
Associate Professor

Fred Milton Sutton Jr, M.D.
Associate Professor

Mimi Chang Tan, M.D.
Assistant Professor

FACULTY- Hepatology

F. Blaine Hollinger, M.D.
Professor

Prasun Jalal, M.D.
Assistant Professor

Saira Khaderi, M.D., M.P.H
Assistant Professor

Ayşe Leyla Mindikoglu, M.D., M.P.H
Associate Professor

Gagan Sood, M.D.
Associate Professor

Rise Stribling, M.D.
Associate Professor

Norman Sussman, M.D.
Associate Professor

John Vierling, M.D., F.A.C.P.
Professor

FACULTY- Michael E DeBakey VA Medical Center

Rhonda Cole, M.D.
Associate Professor

Hashem El-Serag, M.D., M.P.H.
Professor

Avegail Flores, M.D.
Assistant Professor

David Graham, M.D., M.A.C.G
Professor

Clark Hair, M.D.
Assistant Professor

Ruben Hernaez, M.D., M.P.H., Ph.D.
Assistant Professor

Jason Hou, M.D., M.S., F.A.C.G
Associate Professor

Nisreen Husain, M.D.
Assistant Professor

Maria-Ellinore Jarbrink-Sehgal, M.D.
Assistant Professor

Fasiha Kanwal, M.D., M.S.H.S, A.G.A.F, F.A.A.S.L. D
Professor

Gyanprakash Ketwaroo, M.D.
Assistant Professor

Natalia Khalaf, M.D.
Assistant Professor

Yamini Natarajan, M.D.
Assistant Professor

Hoda Malaty, M.D., M.P.H, Ph.D., F.A.C.G
Associate Professor

Maria Velez, M.D.
Physician

FACULTY - Research

Ru Chen, Ph.D
Associate Professor

Loning Fu, Ph.D
Associate Professor

Noah Shroyer, Ph.D.
Associate Professor

Antone Opekun, P.A.-C
Associate Professor

Li Jiao, M.D., M.S., Ph.D
Associate Professor

Yan Liu, Ph.D
Assistant Professor

Honors and Achievements

Maya Balakrishnan, MD
BCM Career Advancement Series

Hashem B. El-Serag, MD, MPH
2019 Distinguished Scientist Award from BSLMC

Ruben Hernaez, MD, MPH, PHD
Alpha Omega Alpha Honor Medical Society
DOM Subspecialty Faculty Teaching Award
Clinical Excellence Award GI Section

Fasiha Kanwal, MD, MSHS
American Society for Clinical Investigation (ASCI)

Mohammed Othman, MD
2019 Clinical Innovator Award from BSLMC &
William T. Butler Endowed Chair for Distinguished Faculty

Richa Shukla, MD
BCM Career Advancement Series

Andrea Bradford, PhD
Early Career Faculty Award for Excellence in
Patient Care

David Graham, MD, MACG
Named Top 0.01% Scientist

Nisreen Husain, MD
Fellow Teaching Award

Gyanprakash Ketwaroo, MD
BCM Career Advancement Series

Waqar Qureshi, MD, FACP, FACG, FRCP
Master Clinical Award Excellence in Patient Care &
Norton Rose Fulbright Award

Professional Organizations/ Associate Office Held

Anandasabapathy: Chair, AGA Women's Committee

Balakrishnan: Secretary, AASLD Public Health Special Interest Group

Member, AAS:D CME Committee

Chen: Member, CSR Conflict Special Emphasis Panel

Member, Conflict Cancer Immunopathology, Immunotherapy and Cancer Biomarkers

Member, CSR Cancer Biomarkers Study Section (CBSS) panel

Ad Hoc Reviewer, CSR Cancer Diagnostics and Treatments (CDT) SBIR/STTR panel

Chokshi: Co-Chair, Online Task Force American Foregut Society, Women in GI Committee, American College of Gastroenterology

Member, Clinical Practice Committee, American Foregut Society

Fu: Reviewer, DPFS review panel, Medical Research Council

Reviewer, Veni programme, The Netherlands Organization for Health Research and Development

Gould Suarez: Member, AGA Women's Committee

Graham: Member, World Gastroenterology Organizing Steering Committee on Early Diagnosis and Treatment of GI Cancers

Member, World Gastroenterology Organizing Guidelines Committee 2019

Member, International Committee: Consensus on Gastric Cancer Prevention, Taipei, Taiwan

Kanwal: Co-Chair, AGA Division Chief Consortium AASLD Practice Metrics Committee

Member, AASLD Practice Metrics Committee

Member, AGA Research Policy Committee

Ketwaroo: Member, AGA Quality Metrics Committee

Member, Quality Leadership Council Subcommittee

Hernaez: Chair, Liver Cancer Multidisciplinary Tumor Board, MEDVAMC

Member, AASLD Practice guidelines committee

Member, AGA- Research Awards Panel

Hou: Chair, Colon Sub-Committee, AGA GI Training Exam Committee

Chair, IBD Subcommittee, VA GI Field Advisory Committee

Member, Crohn's and Colitis Foundation IBD Partners Project Selection Committee

Member, Executive Board: CCFA South Texas Chapter

Member, Chapter Medical Advisory Committee Co-Chair: CCFA South Texas Chapter

Member, AGA Research Awards Panel

Professional Organizations/ Associate Office Held

Jiao: Member, WHI Ancillary Study Committee

Member, DOD colon 2 review panel

Member, NIA-grant review panel for microbiome research

Member, 2020 Peer Reviewed Medical Research Program (PRMRP) Pre-FA

Member, 2020 Peer Reviewed Medical Research Program (PRMRP) Dis- FA

Mindikoglu: Fellow Member, American Association for the Study of Liver Diseases

Natarajan: Member, AGA Government Affairs Committee

State Leader, AGA Congressional Advocates

Member, MEDVAMC Nutrition Committee

Member, BCM GI Wellness Committee

Member, BCM Faculty Development Vice Chair Group

Othman: Medical Director, Texas chapter National Pancreas Foundation

Member, ASGE Annual Program Committee

Member, ACG Minority Affairs Committee

Patel: Member, ASGE Educational Products Committee

Qureshi: Member, ASGE Educational Products Committee

Member, ASGE Video Awards Panel

Member, TSGE Annual Course Education Committee

Member, Promotions Committee, BCM

Board Member, TSGE

Sealock: Chair, ASGE Annual Scientific Program Committee

Shukla: Member, AGA Women's Committee

Member, Crohn's and Colitis Foundation Professional Membership Committee

Member, BCM GI Wellness Committee

Vierling: Member, DSMB for Drug-Induced Liver Injury Network

Member, Executive Committee for Liver Tissue and Cell Procurement Distribution System

Editorial Board Memberships and Editorial Positions

Anandasabapathy: Associate Editor, Gastrointestinal Endoscopy

Bradford: Senior Associate Editor, Journal of Clinical Psychology in Medical Settings

Chokshi: Section Editor, Large Intestines Section, Current Gastroenterology Reports

Kanwal: Editor-in-Chief, Clinical Gastroenterology and Hepatology (CGH)

Hernaes: Associate Editor, GUT

Member, Hepatology

Member, CGH

Member, Liver Transplantation

Othman: Associate Editor, Gastrointestinal Endoscopy (GIE)

Grants

Sharmila Anandasabapathy

- The Effectiveness of High Resolution Microendoscopy (HRME) in High Grade Intraepithelial Lesions (HSIL) Diagnosis for People Living with HIV. NCI/NIH; R01CA232890. 12/2018 – 11/2020
- Controlling Esophageal Cancer A Collaborative Modeling Approach. NCI/NIH; U01CA199336. 09/2018 – 08/2020
- High Resolution Microendoscopy for the Management of Esophageal Neoplasia. NCI/NIH; R01CA181275. 07/2014 – 08/2020.
- A Low Cost Tethered Capsule Endoscope for Esophageal Cancer Screening. NCI/NIH; R21CA212691. 09/2016 – 12/2019
- Automated, Augmented Reality High Resolution Microendoscopy for the Management of Esophageal Neoplasia. NCI/NIH; R01CA181275. 09/2016 – 08/2019

Ru Chen

- Biomarkers for Early Detection of Colorectal Cancer in Ulcerative Colitis. NIH; R01CA211892. 07/2017 – 05/2022
- Early Detection of Pancreatic Cancer in Diabetics. NIH; R01CA180949. 04/2014 – 03/2020

Maya Balakrishnan

- Introducing Palliative Care (PC) Within the Treatment of End Stage Liver Disease (ESLD): A Cluster Randomized Controlled Trial. PCORI; PLC-1609-36714. 01/2019 – 12/2019
- The effect of Environmental Exposures on NAFLD Progression. Gulf Coast Precision Environmental Health Center. 2019-2020
- NAFLD in Women. TMCDDC. 2020-2021
- NAFLD in Women. Baylor college of Medicine Research Seed Grant. 2019-2021

Hashem El-Serag

- Texas Medical Center Digestive Diseases Center. NIH NIDDK; P30DK056338. 05/2018 - 02/2023
- The Texas Collaborative Action Center (CAP) for Hepatocellular Cancer. CPRIT; RP190640. 09/2019-08/2024
- Consortium on Translational Research on Translational Research in Early Detection of Liver Cancer: Biomarkers Derivation and Validation. NIH NCI; U01 CA230997. 09/2018 – 08/2023.

- Prevent HCC – through Screening, Vaccination and Treatment of Viral Hepatitis. CPRIT; P160089. 08/2016 – 08/2020.
- Consortium on Translational Research in Early Detection of Liver Cancer: Data Management and Coordinating Center (DMCC).NCI; U24 5U24CA230144. 09/2019 – 08/2023
- Understanding the Multilevel Drivers of Liver Cancer Disparities. NIH NCI; R01 CA225478. 08/2019 – 08/2024
- Interleukin-15– and -21–Armored Glypican-3–Specific CAR T Cells for Patients with Hepatocellular Carcinoma. CPRIT; RP190160. 03/2019 – 02/2023
- Research Training in Gastroenterology. NIH NIDDK; T32DK083266. 03/2009 - 04/2020
- A New Lab Based Algorithm for HCC Surveillance in Patients and Cirrhosis. NIH; R01 CA190776-01. 01/2015 - 12/2019
- Texas Hepatocellular Carcinoma Consortium (THCCC). CPRIT; RP150587. 06/2015 – 05/2020
- Prevalence and Predictors of Nonalcoholic Fatty Liver Disease (NAFLD) in Veterans. VA Merit 1I01CX001616-01. 10/2017 – 09/2021
- Biomarker screening algorithms for the improved early detection of hepatocellular carcinoma. R01 CA230503; 07/2019 – 03/2024
- Risk of HCC Following Successful Treatment of HCV. Gilead Pharmaceuticals. 1/2018 – 12/2019

Ruben Hernaez

- Harms of Hepatocellular Carcinoma Screening in Patients with Cirrhosis. NCI; 1R01CA212008-01A1. 6/2017-07/2022
- Effect of Simvastatin on Hepatic Decompensation and Death in Subjects Presenting with High-Risk Compensated Cirrhosis. VA CSRD; CX- 002010. 10/2020-09/2025

Jason Hou

- Changes in actin dynamics regulated by villin and gelsolin are determinants of cell fate and may be key to gastrointestinal inflammatory disease. NIDDK; 1R01 DK117476-01A1. 09/2018 – 08/2023
- Patient-Centered Comparative Effectiveness of Colorectal Cancer Surveillance in IBD. AHRQ; K08 PA13-180. 08/2015 – 07/2020
- A Phase 2B, Double-Blind, Randomized, Placebo-controlled, Parallel Group, Dose Ranging Study of Oral PF-06651600 and PF-06700841 as Induction and Chronic Therapy in Subjects with Moderate to Severe Ulcerative Colitis. Pfizer Inc; Clinical Trial Grant. 11/2017 – 11/2020
- A Phase 3 Multicenter, Open-label Extension (Ole) Study to Evaluate the Long-Term Safety and Efficacy of ABT-494 in Subjects with Ulcerative Colitis (UC). Abbvie Inc; Clinical Trial Grant. 08/2017 – 08/2022
- A Phase 3, Randomized, Double-blind, Placebo-controlled, Parallel-group, Multicenter Protocol to Evaluate the Safety and Efficacy of Ustekinumab Induction and Maintenance Therapy in Subjects with Moderately to Severely Active Ulcerative Colitis. Janssen Research & Development, LLC; Clinical Trial Grant. 1/2016 – 01/2020
- Protocol P 3206653111-282 – A Long-term Non-Interventional Registry to assess Safety and Effectiveness of Humira® (Adalimumab) in Patients with Moderately to Severely Active Ulcerative Colitis (UC). Abbvie Inc; Clinical Trial Grant. 01/2017 – 6/2029
- Effectiveness, Safety, and Patient Preferences of Infliximab Biosimilar Medications for Inflammatory Bowel Disease. VA HSR&D; HX003028 ID: IIR 19-045. 08/2019 – 07/2023
- Anemia Treatment Patterns and Outcomes among a National Cohort of Patients with Inflammatory Bowel Disease. American Regent. [Approved]

Prasun Jalal

- Outcomes of a Hepatocellular Cancer (HCC) Surveillance Program: A Retrospective Cohort Study. 56825-I. 01/2019-12/2020
- Radiological characteristics and Biomarkers for early detection of liver cancer. 01/2019-12/2020
- Characterization of fecal microbiome changes and safety evaluation after oral administration of lyophilized capsules containing microbiota suspension (LCCMS) in patients with severe alcoholic hepatitis: A prospective, double blinded, randomized, placebo-controlled pilot study. 07/2020-6/2020

Fasiha Kanwal

- Research Training in Gastroenterology. NIH; T32DK083266. 03/2020 - 04/2025
- Center for Gastrointestinal Development, Infection and Inquiry. NIDDK; 2 P30 DK056338-16. 12/1999 – 02/2023.
- A Personalized Surveillance Program for Hepatocellular Carcinoma. American Cancer Society Extramural Grant; RSG-17-022-01. 07/2017 – 06/2021
- Patient Centered Care for Individuals with Advanced Liver Disease. HSR&D IIR 16-075; 1 I01 HX002204-01. 05/2018 – 04/2021
- Risk Factors of Hepatocellular Cancer in Non-Alcoholic Fatty Liver Disease; CPRIT. 09/2015 – 05/2020
- Cirrhosis Quality Collaborative. AASLD. 09/2018 – 08/2021
- Risk Stratification for and Early Detection of Liver Cancer. NIH; 1 U01 CA230997-01. 09/2018 – 08/2023
- Risk of Hepatocellular Cancer After Virological Cure with Direct Acting Antiviral Agents in Individuals with Hepatitis C. CDMRP. 07/2019 – 06/2022

Manreet Kaur

- Combined Phase 3, Double-Blind, Randomized, Placebo-Controlled Studies Evaluating the Efficacy and Safety of Filgotinib in the Induction and Maintenance of Remission in Subjects with Moderately to Severely Active Crohn's Disease. Pharm Rsch Association//GIL; GS-8S-419-3895. 07/2018 – 07/2020
- Combined Phase 2B/3, Double-Blind, Randomized, Placebo-controlled Studies evaluating the efficacy and safety of Filgotinib in the induction and maintenance of remission in subjects with moderately to severely active ulcerative colitis. Gilead Sciences, Inc. 2020
- Entyvio[®] Outcomes in Real-World Bio-naïve Ulcerative Colitis and Crohn's Disease Patients (Evolve) USA. PPD/Takeda Pharma; VDZ-5034. 09/2018 – 09/2020
- A Long-Term Extension Study to Evaluate the Safety of Filgotinib in Subjects with Crohn's Disease. Gilead; GS-US-419-3896. 10/2018 – 06/2020
- A Long-Term Extension Study to Evaluate the Safety of Filgotinib in Subjects with Ulcerative Colitis. Gilead; GS-US-418-3899. 10/2018 – 09/2021
- A Phase 2, Double-blind, Randomized, PlaceboControlled Study Evaluating the Efficacy and Safety of Filgotinib in the Treatment of Perianal istulizing Crohn's Disease. ICON Clinical Res; GS-US-4194016. 09/2018 – 09/2021
- A Phase 2B, Randomized, Double-blind, Placebo-controlled study evaluating the efficacy and safety of Filgotinib in the treatment of perianal fistulizing Crohn's Disease. Gilead Sciences, Inc. 2020
- To compare the Efficacy of Treatment with Ustekinumab or Adalimumab in Biologic Naïve Subjects with Moderately-to-severely active CD who have previously failed or were intolerant to conventional therapy. (Corticosteroids and/or immunomodulators, i.e., Azathioprine [AZA], 6Mercaptoppurine [6-MP], or Methotrexate [MTX]), as Measured by Clinical Remission at one year. JANSSEN Research; CNTO1275CRD3007; 02/2019 – 11/2022
- A Phase 3B, Randomized, double-blind, multicenter study to evaluate the safety and efficacy of intravenous re-induction therapy with Ustekinumab in patients with moderately to severely active Crohn's Disease. Patients optimization with Ustekinumab reinduction. Janssen Research & Development, LLC. 2020
- A Phase 2B double-blind, multi-dose placebo-controlled study to evaluate the efficacy and safety of medi2070 in Subjects with Moderate to Severe Crohn's Disease who have failed or are intolerant to anti-tumor necrosis factor alpha therapy. Medimmune, Inc. 2020
- Entyvio (Vedolizumab) long-term safety study: An International Observational prospective cohort study comparing vedolizumab to other biologic agents in patients with Ulcerative Colitis or Crohn's Disease. Takeda development center Americas, Inc. 2020
- An Open-label, Phase 4 study to evaluate the efficacy and safety of triple combination therapy with vedolizumab IV. Adalimumab SC, and oral methotrexate in early treatment of subjects with Crohn's Disease stratified at higher risk for developing complications. Takeda development center Americas, Inc. 2020
- A Phase 4 open-label study to evaluate vedolizumab IV dose optimization on treatment outcomes in nonresponders with moderately to severely active Ulcerative Colitis. Takeda Global Research & Development Center, Inc. 2020

Natalia Khalaf

- Precision Risk Stratification for Pancreatic Cancer: A Deep Learning Approach. DLCC2020. 01/2020 – 12/2020
- Imaging repository for pre-diagnostic and early stage pancreatic cancer. NCI UO1; 5U01 CA200468 05. 04/2020 – 03/2021
- Acute Pancreatitis and Pancreatic Cancer: Improving Early Detection APA2018; 4/2019 – 3/2021

Ayse Mindikoglu

- Roderick D. MacDonald Research Award. 2019-2020.

Mohamad Othman

- Consortium for the Study of Chronic Pancreatitis, Diabetes and Pancreatic Cancer Clinical Centers. NIH. 09/2016 – 06/2020
- A Phase 1, Single-Dose Pk and Safety Study with Ni-03 Followed by A Phase 2, Randomized, Double-Blind, Parallel-Group Dose- Ranging Study To Evaluate The Safety And Efficacy Of Ni 03 Compared To Placebo In Subjects With Chronic Pancreatitis. Kangen Pharmaceutical. 11/2018 – 10/2020
- Multi-Center Prospective Registry Evaluation Utilizing A Double Balloon Accessory Device to Facilitate Endoscopic Polypectomy In Large Intestine. Lumendi. 10/2018 – 9/2019
- Prevalence of Exocrine Pancreatic Insufficiency in Patients Presenting with Diarrhea. AbbVie pharmaceutical. 12/2017 – 09/2019
- Phase IIa Trial Evaluating the Safety of Intratumoral Injection of NanoPac in Subjects with Locally Advanced Pancreatic Adenocarcinoma. US Biotest, Inc. 07/2017 – 06/2020
- A Trial Evaluating Escalating Doses and Safety of Intracystic Injection of NANOPAC® in Subjects with Mucinous Cystic Pancreatic Neoplasm. US Biotest, Inc. 09/2017 – 06/2020
- A Multicenter, Single-Arm, Study of the Efficacy of EsoGuard, on Samples Collected Using EsoCheck, Versus Esophagogastroduodenoscopy, for the Diagnosis of Barrett's Esophagus in an At-Risk Screening Population. Lucid Diagnostics, Inc.

Robert Jay Sealock

- A Phase 3 Randomized Multicenter Study to evaluate the efficacy and safety of open-label dual therapy with oral Vonoprazan 20 mg or Double-blind triple therapy with oral Vonoprazan 20 mg compared to double-blind triple therapy with oral lansoprazole 30 mg daily in patients with helicobacter pylori infection. Phathom Pharmaceuticals. 2019 - 2020
- Prevalence of exocrine pancreatic insufficiency among patients with pancreatic adenocarcinoma: a single center study. Abbvie. 2019 - 2020

Noah Shroyer

- Investigation of Regional Identity in Human Intestinal Stem Cells. NIH/NIDDK; NIH U01 DK103117. 7/2014-8/2020
- Core D: Gastrointestinal Experimental Model Systems Core, provides access to gnotobiotic mice and human and animal gastrointestinal organoids. NIH/NIDDK; NIH P30 DK056338. 4/2018-4/2023
- Nutrigenomics of Intestinal Vitamin D Action. NIH/NIDDK; 1R01DK112365. 7/2017-8/2021
- Uncovering the Role of Colorectal Stem Cells on Disease Penetrance in Lynch Syndrome. NIH/NCI; NIH R01 CA219463. 9/2017-8/2022
- Mechanisms of Intestinal Stem Cell Differentiation and Plasticity. NIH/NIDDK; R01-DK118904. 7/2018-6/2023
- Integrated Genomics of Mucosal Infections. NIH/NIAID; 1U19-AI144297-01. 04/2019-03/2024

Mimi Tan

- Predicting Risk of Gastric Intestinal Metaplasia in U.S. Populations. NIH; P30 DK056338, 01/2020-12/2020
- An Automated Software Algorithm for Realtime Prediction of Neoplasia in Barrett's Esophagus Imaging with Confocal High Resolution Microendoscopy. 07/2020-06-2021

John Vierling

- Phase 3, Double-Blind, Randomized, Long-Term, Placebo-Controlled, Multicenter Study Evaluating the Safety and Efficacy of Obeticholic Acid in Subjects with Nonalcoholic Steatohepatitis. Intercept; 747-303. 10/2015 – OPEN
- A Multicenter, Randomized, Double-Blind, Placebo- Controlled Trial of Emricasan (IDN-6556), an Oral Caspase Inhibitor, in Subjects with Non-alcoholic Steatohepatitis (NASH) Fibrosis. Conatus; IDN-6556-12. 03/2016 – OPEN
- Early Detection of Hepatocellular Carcinoma. NIH NCI. 04/2016-03/2021
- A Phase 2, Pilot Study of JKB-122 to Assess Liver Tests (ALT) in Autoimmune Hepatitis Patients who are Refractory or Intolerant to Current Therapies. TaiwanJ; JKB-122AIH. 06/2016- OPEN
- A Randomized, Double-Blind, Placebo Controlled, 2- Part, Adaptive Design, Multicenter 12-Week Study To Assess Safety, Tolerability And Efficacy Of LJN452 In Patients With Non-Alcoholic Steatohepatitis (NASH). Novartis; CLJN425A2202. 06/2016 – OPEN
- A Multi-Center, Randomized, Placebo-Controlled, Double-Blind Study to Confirm Efficacy and Safety of Terlipressin in Subjects with Hepatorenal Syndrome Type 1 (The Confirm Study). Mallinckrodt Pharmaceuticals, Inc.; MNK 19013058. 08/2016 – OPEN
- A Multicenter Randomized, Double- Blind, Placebo- Controlled Phase III Study To Evaluate The Efficacy And Safety Of Elafibranor In Patients With Non- Alcoholic Steatohepatitis (Nash) And Fibrosis. Genfit; GFT505-315-1 NASH. 09/2016 – OPEN
- An 8-week, dose ranging, open label, randomized, Phase 2 study with an 18-week extension, to evaluate the safety and efficacy of MBX-8025 in subjects with Primary Biliary Cholangitis (PBC) and an Inadequate response to or intolerance to ursodeoxycholic acid (UDCA). CymaBay Therapeutics, Inc.; CB8025-21629. 02/2017 – OPEN
- A Multicenter, Randomized, Double-Blind, Placebo-Controlled Trial of Emricasan, an Oral Caspase Inhibitor, In Subjects with Non-Alcoholic Steatohepatitis (NASH) Cirrhosis and Severe Portal Hypertension. Conatus Pharmaceuticals; IDN-6556-14. 04/2017 – OPEN
- A Registry for Subjects with Cirrhosis Who Achieve a Sustained Virologic Response Following Treatment with a Sofosbuvir-Based Regimen without Interferon for Chronic Hepatitis C Infection. Gilead; GS-US-337-1431 - LTFU with Cirrhosis. 04/2017 – OPEN
- Procurement of Blood Samples from Subjects with Diagnosed Nonalcoholic Steatohepatitis (NASH) or Nonalcoholic Fatty Liver Disease (NAFLD) for Use in the Development of a Liver Fibrosis Test. Prometheus; 16HEP01. 05/2017 – OPEN
- A Phase 2, Randomized, Double-Blind, Placebo Controlled Study Evaluating the Safety, Tolerability, and Efficacy of GS-9674 in Subjects with Primary Biliary Cholangitis Without Cirrhosis. Gilead Sciences, Inc.; GS-US-427-4024. 05/2017 – OPEN
- A Multicenter, Double-Blind, Randomized, Placebo-Controlled, Phase 2 Study to Evaluate the Efficacy and Safety of Elafibranor at Doses of 80mg and 120mg After 12 Weeks of Treatment in Patients With Primary Biliary Cholangitis and Inadequate Response to Ursodeoxycholic Acid. GenFit; GFT505B-216-1. 06/2017 – OPEN
- A Phase 3, Randomized, Double-Blind, Placebo-Controlled Study Evaluating the Safety and Efficacy of Selonsertib in Subjects with Nonalcoholic Steatohepatitis (NASH) and Bridging (F3) Fibrosis. Gilead Sciences, Inc.; GS-US-384-1943. 06/2017 – OPEN
- A Phase 3, Randomized, Double-Blind, Placebo-Controlled Study Evaluating the Safety and Efficacy of Selonsertib in Subjects with Compensated Cirrhosis due to Nonalcoholic Steatohepatitis (NASH). Gilead Sciences, Inc.; GS-US-384-1944. 06/2017 – OPEN
- A Multicenter, Randomized, Double-Blind, Placebo- Controlled Trial of Emricasan, an Oral Caspase Inhibitor, in Subjects with Decompensated Non-Alcoholic Steatohepatitis (NASH) Cirrhosis. Conatus; IDN-6556-17. 06/2017 – OPEN
- A Phase 2a, randomized, double-blind, placebo-controlled, dose-ranging, parallel group study to evaluate safety, tolerability, and pharmacodynamics of PF 05221304 administered daily for 16weeks to adult subjects with nonalcoholic fatty liver disease. Pfizer; C1171002; 08/2017 – OPEN

- A Double-Blind, Randomized, Placebo-Controlled Clinical Trial to Assess the Efficacy and Safety of Oral GKT137831 in Patients with Primary Biliary Cholangitis Receiving Ursodeoxycholic Acid and with Persistently Elevated Alkaline Phosphatase. Genkyotex; GSN000300. 02/2018 – OPEN.
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- A Phase 2 Dose Ranging, Randomized, Double Blind, and Placebo-Controlled Study Evaluating the Safety, Tolerability, Pharmacokinetics and Efficacy of EDP-305 in Subjects with Non-Alcoholic Steatohepatitis (NASH). Enanta; EDP 305-101. 05/2018 – OPEN
- An Open Label Long-Term Study to Evaluate the Safety and Tolerability of Seladelpar in Subjects with Primary Biliary Cholangitis (PBC). CymaBay; CB8025-31731. 05/2018 – OPEN
- A Phase 3, Double-Blind, Randomized, Placebo-Controlled, Multicenter Study to Evaluate the Efficacy and Safety of Obeticholic Acid in Subjects with Compensated Cirrhosis due to Nonalcoholic Steatohepatitis. Intercept; 747-304. 05/2018 – OPEN
- A two-part randomized, double-blind, placebo controlled multicenter dose ranging and confirmatory study to assess the safety and efficacy of VAY736 in autoimmune hepatitis patients with incomplete response to or intolerance of standard therapy (AMBER). Novartis; VAY B2201. 05/2018 – OPEN
- A Phase 4, Double-Blind, Randomized, Placebo-Controlled Study Evaluating the Pharmacokinetics and Safety of Obeticholic Acid in Patients with Primary Biliary Cholangitis and Moderate to Severe Hepatic Impairment. Intercept 747-401; 05/2018 – OPEN
- A Phase 2b Randomized, Double-Blind, Placebo-Controlled Study Evaluating the Safety and Efficacy of BMS-986036 (PEG-FGF21) In Adults with Nonalcoholic Steatohepatitis (Nash) and Stage 3 Liver Fibrosis. BMS; MB130-068. 09/2018 – OPEN
- A Phase 2b Randomized, Double-Blind, Placebo-Controlled Study Evaluating the Safety and Efficacy of BMS-986036 (PEG-FGF21) In Adults with Nonalcoholic Steatohepatitis (Nash) and Compensated Liver Cirrhosis. BMS; MB130-069. 09/2018 – OPEN
- An Open-Label, Pilot, Proof of Concept Study to Evaluate the Safety, Tolerability, and Efficacy of Oral Etrasimod (Apd334) In Patients with Primary Biliary Cholangitis. Arena; APD334-010. 09/2018 – OPEN
- A Phase 3, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Cenicriviroc for the Treatment of Liver Fibrosis in Adult Subjects with Nonalcoholic Steatohepatitis. Allergen Aurora NASH. 10/2018 – OPEN

Publications

Clinical Gastroenterology and Hepatology **21**
Digestive Diseases and Sciences **12**
Gastroenterology **8**
Journal of American College of Gastroenterology **6**
Gastrointestinal Endoscopy **6**
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Journal of Gastroenterology Hepatology **2**

Am J Clin Nutr. **1**
Am J Med Sci; **1**
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Antiviral Res. **1**
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Cancer Epidemiol Biomarkers
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Cells. **1**
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Tissue Eng Part B Rev. **1**
Transpl Int. **1**
Transplant Proc. **1**
United European
Gastroenterol J. **1**
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Book or Book Chapters

- Prianka Gajula, **Othman M.** Endoscopic Resection Techniques for Early Stage Esophageal Tumors. In: Adult Chest Surgery, 3rd Edition, 2019.
- **Hernaiz, R,** Screening of HCC in non-cirrhotic NASH. Controversies in Hepatocellular Carcinoma. In: Screening of HCC in non-cirrhotic NASH.
- Ahmed A, **Qureshi WA.** Anatomy, Abdomen and Pelvis, Anal Canal. 2020 Feb 28. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing, 2020

Fellow Announcements

The Baylor College of medicine GI Fellowship is pleased to announce that two of our 3rd year fellows (Jordan Sparkman and Joseph Krill) were awarded an educational grant of \$1000 each to attend the 16th Rocky Mountain Interventional Endoscopy course at the Anschutz Medical Campus of the University of Colorado on February 7-8, 2020. In addition, Jessica Bernica (2nd year fellow) was nominated by the fellowship program leaders and selected by The American College of Gastroenterology in July 2019 as one of 125 fellows across North America to attend a course designed specifically for 2nd year fellows. This course will be held January 17-19, 2020 in Washington, DC. In addition, Hyunseok Kim has been awarded an ACG FDA visiting fellowship for next year. Last but certainly not least, Jessica Bernica, Hyunseok Kim, and Valentine Millien were invited to participate in the Third Annual IBD Summit for Fellows: Establishing a Foundation to improve the Quality of IBD Care, held in San Antonio, TX before the ACG this year.



Jessica Bernica, Hyunseok Kim, and Valentine Millien



Jordan Sparkman



Joseph Krill