

Baylor  
College of  
Medicine

Baylor St. Luke's  
Medical Center

Baylor St. Luke's  
Medical Center

# DEPARTMENT OF MEDICINE

2022 ANNUAL REPORT

The Margaret M. and Albert B. Alkek  
**DEPARTMENT OF MEDICINE**  
**ACADEMIC ANNUAL REPORT 2022**

*Baylor College of Medicine*

# CHAIR'S MESSAGE

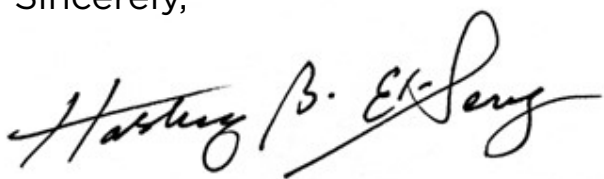
Dear Colleagues:

It is my pleasure to present to you the Department of Medicine's annual report for the year 2022. I am proud to say that we have achieved many significant milestones in the past year.

In the past year, we have made strategic investments in research, clinical care programs, medical education and training. These investments have allowed us to expand our capabilities and improve our offerings, which has resulted in a stronger competitive position for our patients, trainees and workers.

Looking ahead, we are optimistic about the future and are confident in our ability to continue delivering value to our patients and shareholders. We remain committed to innovation, integrity and excellence in our business practices and we are excited about the opportunities that lie ahead.

Sincerely,



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



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

# 2022 ORGANIZATIONAL OVERVIEW

## CHAIR

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

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## OFFICE OF THE CHAIR

Vice Chair for Clinical Affairs

Vice Chair for Education

Vice Chair for Faculty and Staff Development

Vice Chair for Harris Health System/Ben Taub Hospital

Vice Chair for Quality Improvement and Innovation

Vice Chair for Research

Vice Chair for Veterans Affairs

Mandeep Bajaj, M.B.B.S.

Richard J. Hamill, M.D.

Sandra Haudek, Ph.D.

Hemant Roy, M.D.

Kyler Godwin, Ph.D.

Rolando Rumbaut, M.D., Ph.D.

Biykem Bozkurt, M.D., Ph.D.

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## SECTIONS

Cardiology

Cardiovascular Research

Endocrinology, Diabetes, and Metabolism

Epidemiology and Population Sciences

Gastroenterology and Hepatology

General Internal Medicine

Geriatrics and Palliative Medicine

Health Services Research

Hematology and Oncology

Immunology, Allergy, and Rheumatology

Infectious Diseases

Nephrology

Pulmonary, Critical Care and Sleep Medicine

Transition Medicine

## *Chief of Section*

Christie Ballantyne, M.D.

Christie Ballantyne, M.D.

Mark Herman, M.D.

Christopher Amos, Ph.D.

Fasiha Kanwal, M.D., M.S.H.S.

Joslyn Fisher, M.D., M.P.H.

Aimee Garcia, M.D.

Laura Petersen, M.D., M.P.H., F.A.C.P.

Martha Mims, M.D.

Rashmi Maganti, M.D.

Thomas Giordano, M.D., M.P.H.

Wolfgang Winkelmayr, M.D., Sc.D.

Ivan Rosas, M.D.

Cynthia Peacock, M.D.

The Department of Medicine at Baylor College of Medicine is the professional home to over 1,800 professionals distributed across 14 sections. We have campus sites at Baylor St. Luke's Medical Center, the McNair Campus, Michael E DeBakey VA Medical Center, Harris Health System, Texas Children's Hospital, and the Pavilion for Women. We also have strong associations with numerous centers, programs, and organized research units. Our team is thrilled to celebrate our departmental achievements in research, patient care, and medical education and training.

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# THE DEPARTMENT OF MEDICINE

## RESEARCH

In 2022, the research efforts of our department faculty were supported by \$120.3M in total extramural research funding including:

- \$77.2M from the NIH
- \$8.5M from the Veteran's Administration
- \$12.2M from other federal agencies
- \$17.7M from state and other non-federal sources
- \$4.7M from industry support

Two of our sections have NIH T32 grants to support research training in the fields of gastroenterology and infectious diseases.

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## CLINICAL CARE

Our physicians practice in Baylor St. Luke's Medical Center, the McNair Campus, Ben Taub Hospital, Michael E. DeBakey VA Medical Center and Houston Methodist Hospital. Many specialty and subspecialty services provided at these locations are nationally recognized as sites of premier clinical quality.

Patients receive state-of-the-art consultations, diagnoses and compassionate care from our world-renowned clinical staff. Our doctors specialize in diagnosing and treating various diseases ranging from heart disease, diabetes and allergies to breast cancer and cystic fibrosis. Teens with developmental disabilities transitioning into adult care receive personalized, quality care and social services through our unique Transition Medicine group.

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## EDUCATION

The Department of Medicine's education efforts train the next generation of leaders in medicine through medical school, graduate medical training, fellowships and internships. The Department of Medicine provides undergraduate medical education (UME) students a balance of training, exposure, and experience, which prepares them for graduate programs. Our faculty teaches two-thirds of the UME courses. Students first attend foundational sciences curriculum courses and then their clinical curriculum courses. Students choose one sub-internship, seven core clerkships and five or six clinical electives.

Students within the Internal Medicine sub-internship develop skills required for their internship. During these rotations, medical students experience increased autonomy, acting as interns supervised directly by senior residents and the attending physician. Students hone in on their history and physical skills, write orders and independently develop diagnostic and therapeutic plans. They expand their medical knowledge by using experiential and self-directed learning.

Our residencies are authorized by the Accreditation Council for Graduate Medical Education and its respective Residency Review Committees. We enroll highly competitive applicants each year and continue to match outstanding residents. Our graduates become leaders in Internal Medicine and its specialties, both academically and in clinical practice.

Beyond residency training, the Department of Medicine offers fellowships for two to four years of training in each major subspecialty, such as gastroenterology, cardiovascular disease, etc. This experience allows physicians to learn unique concepts, information and procedures for a particular subspecialty, with an opportunity to research if desired. Our department has more than 220 residents and more than 150 fellows.

Affiliations with leading research and healthcare institutions in the Texas Medical Center provide access to diverse people and resources. Our students and trainees can access numerous patients during these clerkships in various settings through our affiliation with eight leading healthcare institutions—all located in the world's largest medical center.

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# SECTION OF GASTROENTEROLOGY AND HEPATOLOGY

## SECTION ACCOMPLISHMENTS

- The Gastroenterology and Hepatology section ranked #11 nationally among the top Gastroenterology and Hepatology divisions in 2021 according to U.S News & World Report - Best Universities for Gastroenterology and Hepatology. The section is #1 in Texas. These rankings are based on performance across a set of widely accepted indicators measuring excellence in research, publications, and scientific reputation overall. This recognition is a testimonial to the quality of scientific research and scholarly contributions from our Section members.
- The Section remains a leader in research in gastrointestinal and liver diseases. Our academic productivity included 216 articles published this year. There was over \$16 million in research funding in 2021 (\$9 million from the NIH and \$3 million from the State), up from \$10.1 million and \$7.6 million in the last two years, respectively.
- 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. This section serves 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 policymakers to reduce liver cancer mortality in Texas.
- The faculty are top-notch and provide high-quality, compassionate healthcare at Baylor St. Luke's Medical Center (BSLMC), Ben Taub General Hospital and the Michael E. DeBakey Veterans Affairs Medical Center. BSLMC Gastroenterology and GI Surgery Service have been ranked number 24 in U.S News & World Report - Best Hospital Ranking.
- The Gastroenterology and Hepatology section's footprint has been expanded outside of the Texas Medical Center by growing the general GI practice at St. Luke's Hospital, Sugarland. Our practices continue to introduce several innovations, including cutting-edge advanced endoscopic procedures and multidisciplinary treatment of complex GI disorders. This team plays an important role in training future clinicians and researchers.
- This section continues to grow with the recruitment of Dr. Jessica Bernica, Dr. Bingning Dong, Dr. Rollin George, Dr. Tzu-Hao "Howard" Lee, Dr. Jason Mills and Dr. Jordan Sparkman.
- Section members also received special accolades for their contributions, including six excellence in clinical care and two teaching awards.
- The section hosted two successful Baylor College of Medicine GI and Hepatology Courses in September 2021 and March 2022.



### SECTION CHIEF

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

## FACULTY

### Section Leadership

- Fasiha Kanwal, M.D., M.S.H.S., Chief
  - Jason Mills, M.D., Ph.D., Chief of Research & Vice Chief for Section
  - John Vierling, M.D., F.A.C.P, Chief of Transplant Hepatology
  - Fred Sutton, M.D., Service Chief, Ben Taub
  - Jason Hou, M.D., MS, F.A.C.G, Service Chief, Michael E. DeBakey VA Medical Center
  - Mohamed Othman, M.D., Chief of GI, Baylor St. Luke's Medical Center
  - Kalpesh Patel, M.D., Medical Director, Baylor College of Medicine
  - Rise Stribling, M.D., Medical Director for Liver Transplantation, Baylor St. Luke's Medical Center
  - Milena Suarez, M.D., Program Director of Gastroenterology Fellowship, Baylor College of Medicine
  - Avegail Flores, M.D., Medical Director for Liver Transplantation, Michael E. DeBakey VA Medical Center and Program Director, Transplant Hepatology Fellowship, Baylor College of Medicine
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## FACULTY

### Baylor Medicine

#### Professor

- Sharmila Anandasabapathy, M.D.
- Hashem El-Serag, M.D., M.P.H.
- Fasiha Kanwal, M.D., M.S.H.S., M.P.H.
- Mohamed Othman, M.D.
- Waqar Qureshi, M.D., F.A.C.P., F.A.C.G., F.R.C.P.

#### Associate Professor

- Suneal Agarwal, M.D.
- Jason Hou, M.D., M.S., F.A.C.G.
- Manreet Kaur, M.D.
- Kalpesh Patel, M.D.

### Ben Taub

#### Professor

- Hemant Roy, M.D.

#### Associate Professor

- Chris Pappas, M.D., J.D., F.C.L.M.
- Melina Gould Suarez, M.D.
- Fred Milton Sutton Jr, M.D.

#### Assistant Professor

- Wasif Abidi, M.D., Ph.D.
- Jessica Bernica, M.D.
- Andrea Bradford, Ph.D.
- Reena Chokshi, M.D.
- Maria-Ellionore Jarbrink-Sehgal, M.D.
- Salmaan Jawaid, M.D.
- Tara Keihanian, M.D.
- Lukasz Kwapisz, M.D., F.R.C.P.C.
- Nabil Mansour, M.D.
- Rehman Sheikh, M.D.
- Richa Shukla, M.D.

#### Dietitian

- Courtney Cary, M.S., R.D., L.D.

#### Assistant Professor

- Maya Balakrishnan, M.D., M.P.H.
- RJ Sealock, M.D.
- Richa Shukla, M.D.
- Jordan Sparkman, M.D.
- Mimi Chang Tan, M.D., M.P.H.

### **Instructor**

- Jean Davis, N.P.

### **Hepatology**

#### **Professor**

- F. Blaine Hollinger, M.D.
- John Vierling, M.D., F.A.C.P.

#### **Associate Professor**

- Ayse Leyla Mindikoglu, M.D., M.P.H.
- Gagan Sood, M.D.
- Rise Stribling, M.D.

### **Research**

#### **Professor**

- Jason Mills, M.D., Ph.D.

#### **Associate Professor**

- Ru Chen, Ph.D.
- Loning Fu, Ph.D.
- Antone Opekun, P.A.-C.
- Noah Shroyer, Ph.D.

### **Michael E DeBakey VA Medical Center**

#### **Professor**

- Hashem El-Serag, M.D., M.P.H.
- David Graham, M.D., M.A.C.G.
- Fasiha Kanwal, M.D., M.S.H.S., A.G.A.F., F.A.A.S.L.D.

#### **Associate Professor**

- Rhonda Cole, M.D.
- Jason Hou, M.D., M.S., F.A.C.G.

#### **Assistant Professor**

- Avegail Flores, M.D.

- Loan Ho, N.P.
- Phuong Tran, N.P.

#### **Assistant Professor**

- George Cholankeril, M.D.
- Avegail Flores, M.D.
- Prasun Jalal, M.D.
- Saira Khaderi, M.D., M.P.H.
- Tzu-Hao (Howard) Lee, M.D.

#### **Assistant Professor**

- Bingning Dong, Ph.D.
- Yan Liu, Ph.D.

#### **Instructor**

- Sumimasa Arimura, Ph.D.
- Charles Cho, M.D., Ph.D.

- Rollin George, M.D.
- Clark Hair, M.D.
- Ruben Hernaez, M.D., M.P.H.
- Natalia Khalaf, M.D., M.P.H.
- Ned Snyder, M.D.
- Hoda Malaty, M.D., M.P.H., Ph.D., F.A.C.G.
- Theresa Nguyen, M.D., M.P.H.
- Larson Scott, M.D.

#### **Instructor**

- Julie Weatherly, N.P.

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## **HONORS AND ACHIEVEMENTS**

### **Wasif Abidi, M.D.**

- Recipient, Early Career Award for Excellence in Patient Care Award

### **Sharmila Anandasabapathy, M.D.**

- Recipient, Global Impact Award



**Maya Balakrishnan, M.D., M.P.H.**

- Top 0.26% by Expertscape's PubMed-based algorithm

**Andrea Bradford, M.D.**

- Editor-in-Chief, Journal of Psychology in Medical Settings

**Charles Cho, M.D., Ph.D.**

- Selected for the 2021 – 2022 Cohort for BCM Career Advancement Series

**George Cholankeril, M.D.**

- Recipient, AASLD Early Career Investigator Award

**Reena Chokshi, M.D.**

- Recipient, Department of Medicine Scholarly Award

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

- Top 0.1% by Expertscape's PubMed-based Algorithm
- Top 3 Most Cited Researcher
- Top Ranking Scientist, Research.com
- Top Doctor, *Houstonia Magazine*

**David Y. Graham, M.D.**

- Recipient, American Gastroenterological Association William Beaumont Prize
- Top 0.1% by Expertscape's PubMed-based Algorithm
- Top 3 Most Cited Researcher
- Recognized as top 1% World Expert, Expertscape
- Top Ranking Scientist, Research.com

**Ruben Hernaez, M.D.**

- Recipient, Norton Rose Fulbright Faculty Excellence Award for Teaching and Evaluation
- Top Reviewer, Clinical Gastroenterology and Hepatology
- Selected for the 2021 – 2022 Cohort for BCM Career Advancement
- Recipient, Early Career Award for Excellence in Patient Care

**Fasiha Kanwal, M.D., M.S.H.S., M.P.H.**

- Recipient, Michael E. DeBakey Excellence in Research Award
- Top Ranking Scientist, Research.com

**Jason Mills, M.D., Ph.D.**

- Herman Brown Endowed Professor in Medicine
- Inductee, Association of American Physicians
- Recipient, 2022 AGA Research Mentor Award

**Ayse Mindikoglu, M.D.**

- Recipient, Women of Excellence Award, BCM

**Kalpesh Patel, M.D.**

- Top Reviewer, Techniques, and Innovations in Gastrointestinal Endoscopy
- Nominee, Texas Society for Gastroenterology and Endoscopy Professional Association

**Hemant Roy, M.D.**

- Associate Dean of Academic Affairs, Ben Taub Hospital

**RJ Sealock, M.D.**

- Mentor, American Society of Gastrointestinal Endoscopy
- Recipient, Norton Rose Fulbright Faculty Excellence Award for Teaching and Evaluation

**Noah Shroyer, Ph.D.**

- Recognized as top 1% World Expert, Expertscape

**Richa Shukla, M.D.**

- Recipient, Early Career Award for Excellence in Patient Care

**Milena Gould Suarez, M.D.**

- Recipient, Women of Excellence Award, BCM

**Fred Sutton, M.D.**

- Co-Chair, Office of Admissions Faculty, BCM

**Mimi Tan, M.D., M.P.H.**

- Member, BCM Admissions Interviewing Subcommittee
- Physician Champion of the Quarter, Harris Health

**John M. Vierling, M.D., F.A.C.P., F.A.A.S.L.D., A.G.A.F.**

- Recipient, 2021 AASLD Distinguished Service Award

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## RESEARCH ACTIVITIES

### *Grants*

**Sharmila Anandasabapathy, M.D.**

- NIH; Low cost tethered capsule endoscope with high-resolution digital chromoscopy for Barrett's screening; \$1,855,655

**Sumimasa Arimura, Ph.D.**

- TMC DDC; DDC Pilot Feasibility Award; \$50,000

**Maya Balakrishnan, M.D., M.P.H.**

- ACG Health Equity Research Award; Improving outcomes among Mexican and Central American Patients with NAFLD; \$47,022
- Novo Nordisk; The effect of semaglutide in subjects with non-cirrhotic non-alcoholic steatohepatitis; \$178,807

**Ru Chen, Ph.D.**

- NIH DLDC; Role of mucosa-adherent microbiota in colitis-associated colorectal cancer; \$50,000
- UTHSC CPRIT Subaward; Single-cell proteomics to dissect intra-tumor heterogeneity; \$66,875

**Charles Cho, M.D., Ph.D.**

- DoD; The Role of Key Paligenosis Gene IFRD1 in Gastric Carcinogenesis; \$639,998

**Bingning Dong, M.D.**

- CPRIT; Targeting fatty acid synthesis in NALFD related HCC; \$124,999
- NIH; Lipid metabolism in liver cancer; \$2,000,000

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

- CPRIT; Novel Metabolomics and Radiomics for Predicting HCC Risk; \$1,995,127
- NIH P01; Prevention of Hepatocellular Carcinoma Related to Metabolic Syndrome; \$9,249,156

**Jason Hou, M.D., M.S., F.A.C.G**

- PCORI; Treat-to-Target of Endoscopic Remission in Patients with Inflammatory Bowel Diseases in Symptomatic Remission: A Pragmatic Randomized Controlled Trial; \$1,380,602
- Crohn's & Colitis Foundation of America; IBD QORUS: Treat-to-target of Endoscopic remission in patients with inflammatory bowel disease in symptomatic remission a pragmatic randomized controlled trial; \$58,050
- Arena Pharmaceuticals; Multicenter, randomized, double-blind, parallel-group study to assess the efficacy and safety of oral etrasimod as induction and maintenance therapy for moderately to severely active Crohn's disease; \$65,948

**Prasun Jalal, M.D.**

- Axcella Healthy INC; Multicenter Randomized, Double Blind, Placebo-Controlled Trial to Evaluate the efficacy and safety of AXA1665 in subjects with liver cirrhosis and prior overt hepatic encephalopathy; \$46,760
- University of Michigan; Noninvasive assessment of esophageal varices in patients with unresectable hepatocellular carcinoma; \$10,500
- European foundation for the study of chronic liver failure; Chance Study; \$105,980
- Alexion Pharmaceuticals, INC; A phase 2, single-arm, pathologist-blinded study using liver biopsy specimens to assess copper concentration and histopathologic changes in patients with Wilson's disease who are treated with alxn1840 for 48 weeks followed by an extension treatment period with alxn1840 for up to an additional 48 weeks; \$17,000

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

- VA HSR&D Merit IIR; Integrating Veteran-Centered Care for Advanced Liver Disease (I-VCALD); \$1,513,109
- BCM; 2021 Michael E. DeBakey, M.D., Excellence in Research Award; \$5,000

**Manreet Kaur, M.D.**

- Arena Pharmaceuticals: A multicenter, randomized, double-blind, parallel-group study to assess the efficacy and safety of oral etrasimod as induction and maintenance therapy for moderately to severely active Crohn's disease (cultivate); \$124,408

**Natalia Khalaf, M.D., M.P.H.**

- VA HSR&D Career Development Award; Health informatics approaches to reduce missed opportunities in the diagnosis of pancreatic cancer; \$1,100,000
- Gordon and Betty Moore Foundation; Measuring Missed Opportunities in the Diagnosis of Gastrointestinal Cancers; \$500,000
- IQUEST; SWIFT Program Award; \$50,000

**Lukasz Kwapisz, M.D.**

- Eli Lilly & Company; A phase 3, multicenter, randomized, double-blind, placebo and active controlled, treat through study to evaluate the efficacy and safety of mirikizumab in patients with moderately to severely active Crohn's disease; \$64,062

**Jason Mills, M.D.**

- NSF; National science foundation graduate research fellowship; \$46,000
- NIH; The Role of Inflammation in regulating Gastritis and Gastric Carcinogenesis; \$763,158
- NIH; Gene therapy for GERD-associated esophageal epithelial barrier dysfunction; \$15,899
- NIH; Mechanisms and biomarkers in aberrant plingensis-induced stomach tumorigenesis; \$803,252
- NIH; Mechanisms governing the expansion of embryonic progenitor cells in metaplasia; \$415,854
- NIH; Mechanisms of Chief cell dedifferentiation; \$1,296,648
- NIH; Regulation of atrophy-induced progenitor cells in the gastric corpus; \$838,508

**Theresa Nguyen, M.D., M.P.H.**

- Inaugural Department of Medicine Physician-Scientist/Investigator Faculty Development award; An Electronic Trigger Tool to Detect Missed Opportunities for Barrett's Esophagus Screening; \$207,906

**Mohamed Othman, M.D.**

- University of Colorado Denver; Pancreatoscopy-guided lithotripsy vs. extracorporeal shock wave lithotripsy for treating symptomatic main pancreatic duct stones in chronic pancreatitis; a multicenter randomized clinical trial; \$27,400
- Abbvie Inc; Observational study assessing for the effect of Creon on symptoms of exocrine pancreatic insufficiency (epi) in patients with epi due to chronic pancreatitis (cp); \$148,500
- Abbvie Inc; Phase 4 study to assess symptoms of exocrine pancreatic insufficiency in subjects with cystic fibrosis or chronic pancreatitis treated with Creon® (pancrelipase) with an alternate source of active pharmaceutical ingredient; \$35,000
- Alexza pharmaceuticals; Randomized, double-blind, placebo-controlled study to evaluate the safety and efficacy of staccato® granisetron (az-010) for the acute treatment of moderate to severe cyclic vomiting syndrome; \$98,000

**Hemant Roy, M.D.**

- NIH; MPI Unraveling racial disparities in portal hypertension: a clinical, spectroscopic and SNP Approach; \$243,823
- NIH; Microvasculature in colon field carcinogenesis: clinical-biological implications; \$625,676

**RJ Sealock, M.D. and Jordan Sparkman, M.D.**

- American Society of Gastrointestinal Endoscopy (ASGE), Medtronic, and Amazon Web Services: three GI Genius Artificial Intelligence Modules designed to enhance the detection of neoplastic lesions during colonoscopy. (Program Period: 3 years)

**Richa Shukla, M.D.**

- Takeda Pharmaceuticals; Phase 4 study evaluating real-world use of cdpah a crohn's disease risk prediction tool compass-cd study (vedolizumab-4015) compass-cd; \$36,932

**Rise Stribling, M.D.**

- Durect; A Randomized, double blind placebo controlled phase 2B study to evaluate the safety and efficacy of DUR-928 in Subjects with Alcoholic Hepatitis; \$77,015

**Mimi Tan, M.D., M.P.H.**

- NIH K23; Development and Validation of an Automated Algorithm for real time Detection of Neoplasia in Barrett's Esophagus using a Low-cost, Portable Microendoscope; \$1,000,276

## John Vierling, M.D.

- Cymabay therapeutics INC; A open label long term study to evaluate the safety and tolerability of Seladelpar in subjects with primary biliary cholangitis; \$81,732
- Galectin therapeutics INC; A seamless, adaptive phase 2B/3, Double Blind, Randomized, placebo controlled, multicenter, international study evaluating the efficacy and safety of Belapectin for the prevention of esophageal varices in NASH cirrhosis; \$948,361
- MERCK Sharpe & Dohme CORP; A phase 2A randomized, active comparator controlled, open label study to evaluate the efficacy and safety of Efinopegdutide in individuals with nonalcoholic fatty liver disease; \$102,313
- Sagiment Biosciences, INC; A phase 2B, Multicenter, double blind randomized, placebo controlled study of the safety and efficacy of TVB-2640 in Subjects with Nonalcoholic Steatohepatitis; \$98,202

## Yongji Zeng, M.D., Ph.D.

- NCC; The role and regulation of the Hippo pathway in paligenosis; \$50,000

## Publications (41)

- Acta Biomaterialia (IF **8.947**): 1
- Advances in Nutrition (IF **6.853**): 1
- Alimentary Pharmacology & Therapeutics (IF **7.731**): 3
- American Journal of Gastroenterology (IF **10.38**): 12
- American Journal of Medicine (IF **5.928**): 1
- Annual Review of Medicine (IF **16.08**): 1
- Annual Review of Physiology (IF **22.16**): 1
- Arteriosclerosis, Thrombosis, and Vascular Biology (IF **10.51**): 2
- Clinical Gastroenterology and Hepatology (IF **11.38**): 30
- Clinical Infectious Diseases (IF **9.079**): 1
- Clinical and Translational Medicine (IF **8.554**): 1
- Diabetes Care (IF **19.11**): 3
- EMBO Journal (IF **11.6**): 1
- Endoscopy (IF **7.341**): 2
- Gastroenterology (IF **22.68**): 19
- Gastrointestinal Endoscopy (IF **5.369**): 7
- Gut (IF **23.06**): 6
- Hepatology (IF **17.42**): 17
- JAMA Internal Medicine (IF **44.41**): 1
- JMIR Formative Research (IF **7.08**): 1
- Journal of the American Medical Informatics Association (IF **7.942**): 2
- Journal of Biological Chemistry (IF **5.486**): 1
- Journal of Ecology (IF **5.175**): 1
- Journal of General Internal Medicine (IF **5.128**): 2
- Journal of Hepatology (IF **30.08**): 3
- Journal of the National Cancer Institute (IF **13.51**): 1
- Korean Journal of Radiology (IF **5.96**): 1
- Liver International (IF **6.94**): 1
- Liver Transplantation (IF **5.799**): 6
- Metabolism: Clinical and Experimental (IF **13.93**): 2
- Molecular Aspects of Medicine (IF **14.235**): 1
- Molecular Oncology (IF **7.449**): 1
- Nature Communications (IF **17.69**): 1
- Nature Reviews Diseases Primers (IF **65.04**): 1
- Nature Reviews Gastroenterology & Hepatology (IF **73.08**): 2
- National Academy of Sciences (IF **12.78**): 1
- Nutrients (IF **5.717**): 1
- Obesity (IF **5.002**): 1
- Proceedings of the National Academy of Sciences of the United States of America (IF **12.78**): 1

## CENTERS

### *Center for Gastrointestinal Development, Infection, and Injury*

This Center is a National Institute of Diabetes and Digestive and Kidney Diseases P30 funded Center (DK 56338) that supports four scientific cores, conferences and a pilot project program to facilitate ongoing Digestive Disease research of center members, promote interactions and translational research between basic and clinical areas, develop new projects, nurture new investigators and provide GI educational activities. The Center was established in 1999.

### *The Texas Collaborative Center for Hepatocellular Cancer (TeCH)*

This Center is funded by CPRIT (RP190641) to promote collaboration among Texas Scientists, clinicians, community workers, healthcare administrators and policymakers. This Center helps researchers who study liver cancer work faster and better, team up with other researchers and share discoveries with doctors, the community and the public to change healthcare.

### *Baylor College of Medicine Translational Research Center (TRC) for Liver Cancer*

The TRC is one of the five federally funded U01 funded TRCs supported by the National Cancer Institute (CA230997-01). The TRC consortium includes partnerships with MD Anderson, Baylor Scott and White, UT Southwestern, and MEDVAMC. The overarching goal of Baylor TRC is to reduce the mortality of hepatocellular cancer (HCC) by developing personalized indices that combine novel and existing biomarkers with clinical, behavioral, and genetic data to improve clinical risk stratification and increase early detection of HCC.

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## ADDITIONAL HIGHLIGHTS



*The 2021 Gastroenterology and Hepatology faculty and fellows.*



Gastroenterology and Hepatology held their two annual courses. Over 165 participants attended the 2021 Annual Gastroenterology & Hepatology Board Review Course in October 2021. Additionally, the Section hosted the 21st Annual Gastroenterology and Liver Course at the Houston Marriott on March 26 - 27, 2022. This was the first time hosting it externally, outside a BCM facility. The hybrid event was successful with over 220 attendees and 20 exhibitors. The picture above shows Dr. Jessica Bernica and Dr. Andrea Bradford's presentation, "Therapies for Disorders of Gut Brain Interaction" moderated by Dr. Natalia Khalaf.



The Section had a big presence at DDW this year with over 75 presentations, including 20 invited presentations, 22 oral presentations and multiple posters of distinction. This picture shows Dr. Mohamad Othman and Dr. Salmaan Jawaid at a hands-on session at DDW.



Pictured above from left to right is Stuart Spechler, M.D. Baylor Scott & White Research Institute, Dallas, TX; Robert Odze, M.D., Department of Pathology, Tufts Medical Center; Jason Mills, M.D., Ph.D., Department of Medicine – Gastroenterology, Baylor College of Medicine; and Rhonda Souza, M.D., Baylor Scott & White Research Institute, Dallas, TX. Dr. Jason Mills runs a strong team of researchers. The team investigates how functional cells could be called back into operation as stem cells. This picture exemplifies our Section's collaborations with other institutions for greater accomplishments.

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