**Dhanpat Jain, M.D.**

**Professor of Pathology and Medicine (Section of Digestive Diseases)**

**Director of Program in Gastrointestinal and Liver pathology**

**Yale University School of Medicine**

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**Education and degrees:**

2015 Master of Arts, Honorary degree, Yale University

1996-1999 Residency, Pathology. Yale University School of Medicine, New Haven, CT, USA. 1996-1999

1995-1996 Fellowship, GI Pathology. Yale University School of Medicine, New Haven, CT, USA. 1995-1996

1989-1991 M.D. (Pathology), Residency, Pathology. Post Graduate Institute of Medical, Education and Research (PGIMER), Chandigarh, INDIA

1981-1986 M.B.B.S Mysore Medical College, Mysore, Karnataka, INDIA

**Management and leadership training:**

2017-18 Advanced Emerging Leaders Program, Yale school of Management

2016-17 Emerging Leaders Program, Yale school of Management

**Career/ Academic appointments:**

2013-Present Professor

Director, Section of Gastrointestinal and liver pathology

Director, Fellowship in Gastrointestinal Pathology

Yale University School of Medicine, New Haven, Connecticut

2011-2013 Associate Professor

Director, Section of Gastrointestinal and liver pathology

Director, Fellowship in Gastrointestinal Pathology

Yale University School of Medicine, New Haven, Connecticut

2005-2011 Associate Professor

Co-Director, Section of Gastrointestinal and liver pathology

Co-Director, Fellowship in Gastrointestinal Pathology

Yale University School of Medicine, New Haven, Connecticut

2000- 2005 Assistant Professor

Section of Gastrointestinal and liver pathology

Yale University School of Medicine, New Haven, Connecticut

1999 –2000 Clinical Instructor (Anatomic Pathology)

Yale University School of Medicine, New Haven, Connecticut

1998 –1999 Resident,

Department of Laboratory Medicine,

Yale-New Haven Hospital, Yale University School of Medicine

New Haven, Connecticut

1996 – 1998 Chief Resident and Administrative Chief Resident,

Department of Pathology

Yale-New Haven Hospital, Yale University School of Medicine

New Haven, Connecticut

1995 –1996 GI Pathology Fellow

Yale University School of Medicine, New Haven, Connecticut

1992 –1995 Senior Resident, Pathology

Post Graduate Institute of Medical Education and Research

Chandigarh, India

1989 –1991 Junior Resident, Pathology

Post Graduate Institute of Medical Education and Research

Chandigarh, India

1987 –1988 House Officer, Pediatric Medicine

V.M. Hospital, Agartala, India

1986 –1987 Compulsory Rotating Internship

Mysore Medical College, Mysore, India

**Administrative Positions:**

2003-2015 Billing compliance officer, Department of Pathology

2005-2011 Co-Director, Section of Gastrointestinal and liver pathology, Co-Director, GI fellowship program. Yale University School of Medicine, New Haven, CT

2011-Present Director, Section of Gastrointestinal and liver pathology; Director, GI fellowship program. Yale University School of Medicine, New Haven, CT

**Medical Licensure:** State of Connecticut

**Board Certification:** Anatomic Board of Pathology, May 1998

**Professional Honors or Recognition:**

A) International/National/Regional

2019 Scientific committee, presenter and panelist. The 15th World OESO Conference. Beijing, China.

2019 Moderator: Session 14: Esophageal pathology for the non-pathologist. The 15th World OESO Conference. Beijing, China.

2019 Moderator. Symposium on esophageal cancer. Yale Cancer Center. New Haven CT Esophageal carcinoma.

2018 Moderator, liver pathology session. European Congress of Pathology. Bilbao.

2017 Presenter and panelist, Hans Popper Hepatopathology Society, Companion society meeting, USCAP, National Meeting: “Cryptogenic cirrhosis: An approach in the era of molecular medicine”.

2015 Presenter and panelist, Liver Diseases Specialty Conference, USCAP, National Meeting: “PFIC3 in adults”.

2015 Presenter and panelist, Infectious Diseases Specialty Conference, USCAP, National Meeting: “Hepatic syphilis”.

2014 Presenter and panelist, Infectious Diseases Specialty Conference, USCAP, National Meeting: “Peliosis hepatis”.

2013 Presenter and panelist, Infectious Diseases Specialty Conference, USCAP, National Meeting: “Intestinal strongyloidosis”.

2011 Presenter and panelist, Liver Specialty Conference, USCAP National Meeting

2010 Presenter and panelist, GI Specialty Conference, USCAP National Meeting

2010 Moderator, Oral Presentations on GI Topics, USCAP National Meeting

2009 Elected member, Education Committee, Gastrointestinal Pathology Society (5member committee), 2009-11

2008 Elected member, Membership committee, Hans Popper Hepatopathology Society (4-member committee), 2008-10

2007 Elected member, Hans Popper Hepatopathology Society, (2006- Present)

2007 Certificate of merit-Association of Indian Pathologists in North America (AIPNA) (Awarded to Supervised Fellow)

2007 Best abstract prize-Gastrointestinal pathology society (GIPS). (Awarded to Supervised Fellow)

2004 Best Abstract prize (Runner-up)-Gastrointestinal pathology society (GIPS)

(Awarded to Supervised Fellow)

2002 Presenter and panelist, Liver Specialty Conference, USCAP National Meetings

2003 Chair, Teaching and educational committee, Gastrointestinal Pathology Society, (2003-06)

2000 Elected member, Teaching and educational committee, Gastrointestinal Pathology Society, (2000-02)

1998 Elected member Gastrointestinal Pathology Society, (1998- Present)

1998 Administrative Chief Resident, Department of Pathology, Yale School of Medicine

1997 Chief Resident, Department of Pathology, Yale School of Medicine

B) University

2014: Averill A. Liebow Award for excellence in teaching pathology residents

2005: Billing Compliance Leader of the year, Yale Medical Group

2003: Howard Spiro Award for excellence in teaching clinical Gastroenterology fellows

2000: Averill A. Liebow Award for excellence in teaching pathology residents

1984: Passed 1st M.B.B.S. Examination with Distinction

1983: Passed 2nd M.B.B.S. Examination with First Class

**Grant/ Clinical Trial History**

Agency: NIH/NIDDK

I.D.#: R01 DK112797-01A1

Title: Molecular regulation of cholestasis in cholangiocytes

P.I.: Michael Nathanson, MD, PhD

Percent effort: 3.75%

Direct costs per year: $364,128/year,

Project period: 7/1/18–6/31/23

Agency: Alexion

Title: Determine the etiology of cryptogenic cirrhosis in young patients

P.I.: Dhanpat Jain, M.D.

Funds: $167,446

Project period: 7/1/15 – 6/30/17

Percent effort: 5%

Agency: Genzyme

Title: Yale Center of Excellence in Clinical Translational Research in Gaucher Disease

P.I.: Pramod K. Mistry, M.D., PhD

Funds: $457,347.00

Project period: 12/20/12 – 9/24/15

Percent effort: 2%

Agency: Chair’s grant, Department of Pathology

Title: Histologic and hemodynamic correlation in liver biopsies

Trainee: Ahmad Alduaij

P.I.: Dhanpat Jain, M.D.

Funds: $10, 000/year,

Project period: 09/1/12–07/1/13

Agency: Chair’s grant, Department of Pathology

Title: Role of IHC markers in work-up of well differentiated hepatocytic mass lesion

Trainee: Ahmad El-Omari

P.I.: Dhanpat Jain, M.D.

Funds: $10, 000/year,

Project period: 09/1/12–07/1/13

Agency: Yale-Gilead collaboration

Title: Molecular analysis of adenocarcinomas of distal esophagus and gastric cardia by whole exome sequencing

P.I.: Richard Lifton and Joseph Schlessinger,

Project period: 09/1/12–07/1/13

Agency: NIH/NIDDK

I.D.#: R01 DK076735

Title: Regulation of Hepatic Stellate Cells by Extracellular Nucleotides

P.I.: Jonathan A. Dranoff, MD, PhD

Percent effort: 3.75%

Direct costs per year: $351,688/year,

Project period: 4/1/08–3/31/13

Agency: Chair’s grant, Department of Pathology

Title: Multiphoton microscopy in the evaluation of GI biopsies

Trainee: Serena Wong

P.I.: Dhanpat Jain, M.D.

Funds: $10,000/year,

Project period: 09/1/10–07/1/11

Agency: NHI/NCI

I.D.#: RO1 CA098346

Title: Case-Control Study of Pancreas Cancer Etiologic Factors

P.I.: Harvey Risch, PhD

Percent effort: 2.5%

Direct costs per year: $586,200/year

Project period: 7/01/03-7/31/10, (NCE)

Agency: VA Epidemiology Merit Review Program

Title: Predictors of Mortality in Prostate Cancer

P.I.: John Concato, M.D., MPH

Percent effort: 4%

Direct costs per year: $300,000 / $150,000/yr

Project period: 9/1/2006 – 8/31/08

Agency: NIH/NCI

I.D.#: R01-CA-96943-01

Title: Graft Vs Leukemia Against Murine Chronic Phase and Blast Crisis of Chronic Myeloid Leukemia

P.I.: Warren Shlomchik, MD, PhD

Percent effort: 4.5%

Direct costs per year: $178,000/year

Project period: 04/03-05/08

Agency: US Army IDEA Award

I.D.#: DAMD17-98-1-8506

Title: β1 and β3 Integrins in Prostate Cancer

P.I.: Lucia Languino, PhD

Percent effort: 5%,

Project period: 12/31/00-4/30/04

Agency: VA merit review

I.D.#: HSS # 0014

Title: Risk and mortality in prostate cancer

P.I.: John Concato, M.D., MPH

Percent effort: 5%

Direct costs per year: 150 K/year

Project period: 2001-04

Agency: Roche Pharmaceuticals

Title: Non-randomized therapeutic trail of Pegylated Interferon a-2a and low dose ribavirin combination therapy,

P.I.: Wajahat Z. Mehal, MD. D. Phil.

Percent effort: 2%

Direct costs per year: $60K/year

Project period: 2004-06

**Invited Speaking Engagements, Presentations, Symposia & workshops**

**International/National Invited lectures**

2020 “Hepatitis beyond A, B, C. University of Sao Paolo, Brazil Liver pathology course. (Nov 26)

2020 Malignant colorectal polyps: Practical issues and approach. 13th Annual course in Digestive pathology course. Bucharest, Romania (Nov 7-8). (Zoom online conference)

2020 Incidental findings that can be game changers (Zoom online conference). KAPCON, Bangaluru, India (Oct 2).

2020 Dr. Ramalingaswamy memorial symposium. Liver fibrosis: New insights into an old problem. Institute of Liver and Biliary Sciences (ILBS), New Delhi, Aug 7 (Zoom online conference)

2020 Hot topics in GI pathology. USCAP. Los Angeles, March, 2020

2020 25th AIPNA-Indian College of pathology International CME (AIICME), Ahmedabad, India. “WHO Update in Liver tumors” (Feb 1)

2020 International Autoimmune Hepatitis Working Group. Brussels (Jan 21, 2020)

2020 APCON (Association of Indian Pathologist and Microbiologists and International Academy of Pathology, Indian division). “Hepatocellular carcinoma: An update”. (Jan 6).

2020 APCON (Association of Indian Pathologist and Microbiologists and International Academy of Pathology, Indian division). “Cronkhite-Canada Syndrome”. (Jan 6).

2019 The 15th World OESO Conference. Beijing, China. “Staging of Esophageal carcinoma: AJCC 8th edition”. (Nov 9)

2019 Beijing University Health Science Center. Beijing, China. “Staging of Colorectal carcinoma: AJCC 8th edition-Clarification or confusion?” (Nov 8).

2019 International Hospital of Beijing University Health Science Center. Beijing, China. Practical Approach to Cholestatic Liver Diseases. (Nov 8)

2019 Symposium of Liver Clinical Pathology. Shanghai Medical Association. Shanghai, China. “Liver fibrosis: Beyond Ishak and Knodell system”.  (Oct 21)

2019 Asian Medical Innovation & Development Forum & Zhongshan International Cancer Summit. Shanghai, China. “HCC: A Morpho-molecular classification”. (Oct 19)

2019 University of Virginia Health System. Charlottesville. “Liver biopsy: A look into the future”. (Oct 17)

2019 ASCP, Phoenix. Liver pathology course. “Hepatocellular carcinoma: An update”. (Sep 13).

2019 University of Sao Paolo, Brazil Liver pathology course. “Hepatic adenoma: A practical approach to diagnosis. (June 27-28)

2019 Sao Paolo, Brazil Liver pathology club. “Liver pathology: Second opinion”. (June 27-38)

2019 Laennec society, Hong Kong. “Liver cancer: The background matters” (April 24).

2019 Sun Yat-Sen University Cancer Center, Guangzhou, China. “AJCC 2018: Updates in staging of Colorectal carcinoma” (April 21).

2019 Pathology grand rounds. Thomas Jefferson Medical Center, Philadelphia, PA: Evolving role of liver biopsy (April 5, 2019).

2019 Canadian Association of Anatomic and Molecular Pathologists. Liver biopsy: Role of NGS and beyond. Whistler, Canada (Feb1, 2019).

2019 Medical grand rounds. Norwalk Hospital, Norwalk, CT: “Future of liver biopsy” (Jan 17, 2019).

2018 GI pathology CME, Tata Cancer Center, Kolkata, India. “Liver biopsy in the future” (6 Dec).

2018 GI pathology CME, Tata Cancer Center, Kolkata, India. “Diagnostic approach to intra hepatic mass lesions” (6 Dec).

2018 Grand rounds. Agartala Govt. Medical college, Agartala, India. “Precision medicine and global scenario” (12 Dec).

2018 International Academy of Pathologists (IAP), Amman, Jordan. “Colorectal carcinoma and AJCC 2018” (Oct 16).

2018 European Congress of Pathology, Bilbao, Spain: “Application of molecular techniques in the diagnosis of liver disorders of unknown etiology” (Sept 10).

2018 Akron City hospital, Akron. “Diagnostic approach to intra hepatic mass lesions” (21 May).

2018 23th AIPNA-Indian College of pathology International CME (AIICME), Mumbai, India. “IBD and its mimics” (19-21 Jan).

2017 Pathology CME, Medanta, Delhi, India. “Approach to GI biopsy that deceptively appear near normal” (7 Oct).

2017 Pathology CME, Medanta, Delhi, India. “Approach GI lymphomas” (7 Oct).

2017 Pathology CME, Medanta, Delhi, India. “IBD mimics” (7 Oct).

2017 GI pathology CME, Tata Cancer Center, Kolkata, India. “Approach to common diagnostic issues” (13 Oct).

2017 GI pathology CME, Tata Cancer Center, Kolkata, India. “Approach to GI biopsy that deceptively appear near normal” (13 Oct).

2017 OESO, Geneva, Switzerland: Eosinophilic esophagitis: Biopsies-how many and how big? (Sept 3).

2017 OESO, Geneva, Switzerland: Eosinophilic esophagitis: Biopsies-Handling, embedding and staining? (Sept 3).

2017 Hans Popper Hepatopathology Society, Companion society meeting. USCAP, San Antonio. “Cryptogenic cirrhosis: An approach in the era of molecular medicine”.

2017 A, B, C of GEJ adenocarcinoma. UCSF (Feb 21).

2017 22th AIPNA-Indian College of pathology International CME (AIICME), Kolkata, India. “Case presentation” (27-30 Jan).

2017 22th AIPNA-Indian College of pathology International CME (AIICME), Kolkata, India. “HCC: An update in diagnostic molecular pathology” (27-30 Jan)

2017 International OncoCME, Pune, India. “Diagnostic approach to intra hepatic and extrahepatic biliary neoplasms” (22 Jan).

2017 International OncoCME, Pune, India. “Oncocytic neoplasms of the pancreas” (22 Jan).

2016 Approach to liver biopsies with minimal changes. 9th GI pathology course. Bucharest, Romania (Nov 4-5).

2016 Diagnostic approach to vascular disorders of the liver. 9th GI pathology course. Bucharest, Romania (Nov 4-5).

2016 Barrett’s, bile and adenocarcinoma: Have we been on the wrong path? 9th GI pathology course. Bucharest, Romania (Nov 4-5).

2016 Liver diseases update 2016, Yale, New Haven, CT: Lysosomal acid lipase deficiency (Dec 2).

2016 Laennec society, Sao Paulo, Brazil. Lymphocyte rich hepatic tumors (July 6).

2016 Laennec society, Sao Paulo, Brazil. Post SVR changes in HCV infection: Is it cured (July 7).

2016 Temple University hospital, Philadelphia. “Colorectal Cancer: A practical approach to diagnostic molecular pathology” (6 May).

2016 Temple University hospital, Philadelphia. Slide seminar (6 May).

2016 Philadelphia pathology society, Philadelphia. “Diagnostic approach to liver biopsy with minimal change” (5 May).

2016 International OncoCME, Tata Cancer Center, Kolkata, India. “Diagnostic approach to intra hepatic and exterahepatic biliary neoplasms” (22-24 Jan).

2016 International OncoCME, Tata Cancer Center, Kolkata, India. “Algorithmic approach to diagnosis of gastric dysplasia and carcinoma” (22-24 Jan).

2016 International OncoCME, Tata Cancer Center, Kolkata, India. “Diagnostic approach to liver biopsy with minimal change” (22-24 Jan).

2016 International OncoCME, Tata Cancer Center, Kolkata, India. “GI diseases: Slide seminar” (22-24 Jan).

2015 University of Texas Southwestern, Dallas. “Hemodynamic histologic correlation in cirrhosis” (18 Nov).

2015 Liver diseases update 2015, Yale, New Haven, CT: Lysosomal acid lipase deficiency (Dec 5).

2015 ASCP, Long Beach, CA. Mast cell disorders of the GI tract (Oct 29).

2015 European Congress of Pathology (ECP), Belgrade, Serbia: “What the pathologist need to know-Duodenal intraepithelial lymphocytosis” (Sept 7).

2015 OESO, Mote Carlo, Monaco: The phenotype of GEJ adenocarcinoma: intestinal vs. others: Does it matter? (Sept 3).

2015 OESO, Mote Carlo, Monaco: Do buried subsquamous glands pose a risk of metastasis? If so when? (Sept 3).

2015 Infectious Diseases Specialty Conference, USCAP, National Meeting: “Hepatic syphilis (March 2015).

2015 Liver pathology Specialty Conference, USCAP, National Meeting: “Taming of an arduous terrain: Cryptogenic cirrhosis” (March 2015).

2015 20th AIPNA-Indian College of pathology International CME (AIICME), Hyderabad, India. “Everything that looks like cancer in pancreas, need not be” (29-31 Jan).

2015 20th AIPNA-Indian College of pathology International CME (AIICME), Hyderabad, India. “Diagnostic Approach to hepatocytic mass lesions” (Jan 29-31).

2015 A symposium on clinicopathologic correlation in liver disorders. Christian Medical College, Vellore, India. “Approach to biliary disorders” (23-24 Jan).

2015 A symposium on clinicopathologic correlation in liver disorders. Christian Medical College, Vellore, India. “Approach to neonatal cholestasis” (23-24 Jan).

2015 A symposium on clinicopathologic correlation in liver disorders. Christian Medical College, Vellore, India. “Hepatic mass lesions Biopsy vs. FNA” (23-24 Jan).

2015 Diagnostic liver pathology workshop. Christian Medical College, Vellore, India: “Malignant neoplasms of the liver” (Jan 25).

2015 International OncoCME, Kolhapur, India. Approach to neonatal cholestasis. “Diagnostic approach to hepatic mass lesions” (Jan 3-4).

2014 International workshop on portal hypertension, Kolkata, India. “Hemodynamic histologic correlation in cirrhosis” (Dec 12-13).

2014 International workshop on portal hypertension, Kolkata, India. “Pathology of non-cirrhotic portal fibrosis” (Dec 12-13).

2014 International Academy of Pathologists (IAP), Bangkok, Thailand: “Idiopathic sinusoidal dilatation in liver”.

2014 Approach to liver biopsies that look normal or near normal. NYU (May19).

2014 Sub-classification of cirrhosis: Update. UCSF (May1)

2014 Infectious Diseases Specialty Conference, USCAP, National Meeting: “Hepatic bacillary angiomatosis”.

2014 AIPNA/Indian Association of Pathologists and Microbiologists, PGIMER India International Pathology workshop: “Approach to biopsy diagnosis for IBD”.

2014 AIPNA/Indian Association of Pathologists and Microbiologists, PGIMER India International Pathology workshop: Slide seminar “Newly described entities in GI pathology”.

2013 OESO, Paris, France: “GEJ and gastric cardia cancer”.

2013 Infectious Diseases Specialty Conference, USCAP, National Meeting: “Gastrointestinal Strongyloidosis”.

2012 International Academy of Pathologists (IAP), Cape town, South Africa: “Familial gastric cancer”.

2012 OESO, Como, Italy: “Esophagus and stem cells”.

2011 Indian Association of Study of Liver (INASL) Chandigarh, India: “Cholangiocarcinoma and its precursors”.

2011 Cedar-Sinai Medical center, LA: “Non-Helicobacter gastritis”.

2010 Pathology grand rounds, Milwaukee College of Medicine, Milwaukee: “Cholangiocarcinoma-In search of a precursor”.

2010 GI Specialty Conference, USCAP, National Meeting: “Familial gastric cancer”.

2009 Indian Association of Pathologists and Microbiologists, Kolkata, India International Pathology workshop: “Liver cancer and stem cells”.

2008 XIII International CME, Bangalore, India: “Idiopathic Inflammatory Bowel Disease: Issues in diagnostic pathology".

2008 Cancer center grand rounds. University of Massachusetts, Worcester: “Cholangiocarcinoma-In search of a precursor”.

2008 University of Massachusetts, Worcester: “Thickened gastric folds: slide seminar”.

2007 Fletcher Allen Medical center, University of Vermont, Burlington: “Diagnostic approach to hepatic mass lesions”.

2006: Royal Hospital, Muscat, Oman: “Idiopathic Inflammatory Bowel Disease: Emerging issues in diagnostic pathology”.

2006 Royal Hospital, Muscat: “Diagnostic approach to hepatic mass lesions”.

2005 Mayo Clinic, Rochester, MN: “Chronic idiopathic intestinal pseudo-obstruction and interstitial cells of Cajal”.

2005 University of Pittsburgh Medical Center, Pittsburgh, PA: “Chronic idiopathic intestinal pseudo-obstruction and interstitial cells of Cajal”.

2004 Post Graduate Institute of Medical Education and Research, Chandigarh, India: “Chronic hepatitis: role of Liver biopsy in the new millennium”.

2004 VIII International CME, Chennai, India: “Chronic hepatitis: role of Liver biopsy in the new millennium”.

2004 Companion meeting (Gastrointestinal pathology society), Digestive Diseases Week, New Orleans: “Idiopathic Inflammatory Bowel Disease: Emerging issues in diagnostic pathology”.

2002 International symposium on Hepatocellular carcinoma, Liver center, New Haven: “Hepatocellular carcinoma: Core needle biopsy or fine needle aspiration cytology”.

2002 Liver specialty conference, United States and Canadian Academy of Pathology, Chicago: “Multiple Hepatic Angiomyolipomata”.

1994 National Workshop on Non-Cirrhotic Portal Fibrosis, Chandigarh, India: “Pathology of spleen in Non-Cirrhotic Portal Fibrosis”.

**Courses, workshops, seminars and symposia**

2019 Liver, Gall bladder and Pancreas (course director). ASCP course. San Diego, October10-13, 2019

2019 Diagnosis of primary liver tumors: morphologic and immunohistochemical features with emphasis on diagnostic pitfalls. ASCP, Phoenix, AZ (Sept 13)

2019 Liver pathology course, University of Sao Paulo, Sao Paulo, Brazil. June 26-29,

2019 Surgical pathology of the GI tract, ASCP (Speaker). April, Las Vegas, 2019

2018 Interactive microscopy course USCAP. Pam Spring, CA. Jan 24-26, 2019: Liver pathology

2018 European Congress of Pathology, Bilbao, Spain: Co-moderator and organizer. Short course on “Recent advances that will change how you practice liver pathology”. (Sept 10)

2018 Surgical pathology of the GI tract, ASCP (Speaker). (Upcoming, April 16-20), Chicago.

2017 Canadian Academy of Pathology, Charlottetown, PEI, Canada. Alexion sponsored symposium: When is NALFD not NAFLD. “Recent advances in the management of lysosomal lipase deficiency” (June11)

2017 Surgical pathology of the GI tract, ASCP (Speaker). March 26-30, San Diego.

2016 Slide seminar. 9th GI pathology course. Bucharest, Romania (Nov 4-5)

2016 European Congress of Pathology, Cologne, Germany (Sponsored by Alexion): “Pathology of Rare Disease: Multispecialty Considerations for Seeing the Unseen”. (Sept 26)

2016 Surgical pathology of the GI tract, ASCP (Speaker). May 10-14, Austin.

2015 Surgical pathology of the GI tract, ASCP (Speaker). April 12-17, New Orleans.

2014 Oncocytic tumors of head and neck, and pancreas, ASCP (Moderator and speaker). Oct 9, Tampa, FL.

2014 Surgical pathology of the GI tract, ASCP (Speaker). April 27-May1, San Francisco.

2013 Surgical pathology of the GI tract, ASCP (Speaker). May 6-10, Las Vegas.

2012 Harvard GI and Liver Pathology course (Speaker). Boston

2010 GI and Liver course, Armed Forces Institute of Pathology (Speaker). Washington, DC

2011 International liver pathology workshop (Speaker). Chandigarh, India

2009 International Pathology workshop, Indian Association of Pathologists and Microbiologists (Speaker), Kolkata, India

2009 GI Pathology Course for 2nd year medical students, St. George’s University, Grenada.

2008 Gastrointestinal polyps: slide seminar (Speaker), XIII International CME, Bangalore, India.

2008 GI Pathology Course for 2nd year medical students, St. George’s University, Grenada.

2007 GI Pathology Course for 2nd year medical students, St. George’s University, Grenada.

2006 Gastrointestinal and liver slide seminar, XI International CME, Kolkatta, India

2004 GI Pathology: slide seminar, VIII International CME, Chennai, India.

2002 International symposium on Hepatocellular carcinoma, Liver center (Speaker), New Haven.

1997 Review course on Systemic pathology, Boston University, Boston, Postgraduate medical review education (PMRE), Boston.

1994 National Workshop on Non-Cirrhotic Portal Fibrosis Speaker), Chandigarh, India.

1994 Slide seminar on Non-neoplastic lesions of lung (Speaker), 43rd Annual Conference of Indian Association of Pathologists and Microbiologists, Lucknow, India.

**Regional and local Invited lectures**

#### 2019 Cholangiocarcinoma and other tumors. Department of radiology and biomedical imaging, Yale University School of medicine, New Haven, CT. Sep 18

#### 2019 HCC. Department of radiology and biomedical imaging, Yale University School of medicine, New Haven, CT. July 31

#### 2019 Benign hepatic masses. Department of radiology and biomedical imaging, Yale University School of medicine, New Haven, CT. July 11

2019 HCC symposium. Yale Liver Center, March1, 2019.

2018 Liver center retreat. New methodologies of liver tissue processing.

#### 2017 Benign hepatic masses. Department of radiology and biomedical imaging, Yale University School of medicine, New Haven, CT.

2016 Lysosomal acid lipase deficiency. Hartford Hospital, Hartford, CT.

#### 2010 Non-Helicobacter gastritis.

#### Danbury Hospital, Department of Pathology, Danbury, CT.

#### 2010 Diagnostic approach to liver biopsies that deceptively appear normal

Danbury Hospital, Department of Pathology, Danbury, CT.

#### 2009 Diagnostic approach to gastric MALT lymphomas

#### Bridgeport Hospital, Department of Pathology, Bridgeport, CT

#### 2008 Thickened gastric folds

Danbury Hospital, Department of Pathology, Danbury, CT.

#### 2008 Diagnostic approach to hepatic mass lesions

Danbury Hospital, Department of Pathology, Danbury, CT.

#### 2007 Lymphoproliferative disorders of the GI tract and liver

Danbury Hospital, Department of Pathology, Danbury, CT.

#### 2006 Mixed Hepatocellular and Cholangiocarcinoma- CPC

#### Bridgeport Hospital, Bridgeport, CT.

#### 2007 Inflammatory bowel disease

Danbury Hospital, Department of Pathology, Danbury, CT.

#### 2006 Spindle cell Neoplasm of GI tract

Danbury Hospital, Department of Pathology, Danbury, CT.

#### 2006 Epithelial Neoplasm of GI tract

Danbury Hospital, Department of Pathology, Danbury, CT

#### 2006 Approach to liver biopsies with chronic hepatitis

Bridgeport Hospital, Grand rounds, Bridgeport, CT.

#### 2005 Lymphoproliferative disorders of the GI tract and liver

Danbury Hospital, Department of Pathology, Danbury, CT.

#### 2005 IBD-emerging issues

Danbury Hospital, Department of Pathology, Danbury, CT.

#### 2004 Lymphoproliferative disorders of the GI tract and liver

Danbury Hospital, Department of Pathology, Danbury, CT.

#### 2004 Pancreatic cystic neoplasms

Danbury Hospital, Department of Pathology, Danbury, CT.

#### 2003 Interpretation of liver biopsy

Danbury Hospital, Department of Pathology, Danbury, CT.

#### 2002 Mesenchymal lesions of GI tract

Danbury Hospital, Department of Pathology, Danbury, CT.

#### 2002 Pancreatic mucinous neoplasms

Danbury Hospital, Department of Pathology, Danbury, CT.

#### 2001 Liver tumors

Danbury Hospital, Department of Pathology, Danbury, CT.

#### 2001 Interpretation of liver biopsy

Danbury Hospital, Department of Pathology, Danbury, CT.

# 1999 Acinic cell carcinoma

Southern Connecticut Pathology Society, New Haven, CT

**Peer-Reviewed Presentations & Symposia**

**International/National**

2018 Platform presentation at USCAP. Lam-Himlin D, Torbenson M, Graham R, Arnold C, Jain D, Kakar S, Naini B, Yeh M, Wu T. Knowledge Gaps in Upper Gastrointestinal Pathology: Multicenter Data from Academic Consultation Practices

2018 Platform presentation at USCAP. Arnold C, Graham R, Jain D, Kakar S, Lam-Himlin D, Naini B, Wu T, Yeh M, Torbenson M Identifying Knowledge Gaps in the Appendix: A Multicenter Data from Six Academic Centers

2018 Platform presentation at USCAP. Balitzer D, Joseph N, Ferrell L, Jain D, Zhang X, Shafizadeh N, Kakar S. Immunohistochemical and Molecular Findings in Cholangiolocellular Carcinoma are Similar to Well- Differentiated Intrahepatic Cholangiocarcinoma

2015 Platform presentation at Digestive diseases week (DDW), May 2015, Washington, DC: “Etiology of cirrhosis in the young”.

2000 Poster presentation at Digestive diseases week (DDW), May 2000, San Diego: “Apical barrier to NH3 in human colonic crypts: physiological and morphometric assessment”.

2000 Annual meeting of United States and Canadian Academy of pathology, March 2000, New Orleans: A: “Role of interstitial cells of Cajal in chronic intestinal pseudo-obstruction”.

1994 43rd Annual conference of Indian Association of Pathologists and Microbiologists, November 1994, Lucknow, India: “Pathology of spleen in non-cirrhotic portal fibrosis”.

1993 42nd Annual conference of Indian Association of Pathologists and Microbiologists, November 1993, Cuttack, India: “Renal mycosis: a histopathological study of 31 cases”.

1990 39th Annual Conference of Indian Association of Pathologists and Microbiologists, December 1990, Chandigarh, India: “Gliosarcoma: PGI experience”.

1990 20th Annual Conference of Indian Academy of Cytologist, October 1990, Belgam, India: “Evaluation of cytological features of autoimmune thyroiditis”.

**Peer-reviewed Courses, workshops, seminars and symposia**

2019 Liver, Gall bladder and Pancreas(Course director). ASCP course. San Diego; October 10-13, 2019

2017 Canadian Academy of Pathology, Charlottetown, PEI, Canada. Alexion sponsored symposium: When is NALFD not NAFLD

2014 Oncocytic neoplasms-short course. ASCP, Miami

2012 Liver Pathology-short course. ASCP, Boston

2011 GI-short course, ASCP, Chicago

2009 Liver Pathology-short course, ASCP, Chicago.

2008 Liver Pathology-short course, ASCP, Baltimore

**Professional Service**

**Journal service**

**Editorial board:**

2018-Present: Human Pathology

2011-2017: Hepatology

2011-present: Case reports in pathology

2010-present: Journal of Clinical and Experimental Pathology

2006-2017: Journal of Clinical Gastroenterology

2003-present: Journal of Postgraduate Medicine

**Ad-hoc reviewer**

2009- present: Current Diagnostic Pathology

2003- present: Modern Pathology

2002- present: Pediatric and Development Pathology

2002- present: Hepatology

2000- present: American Journal of Surgical Pathology

2000- present: American Journal of Gastroenterology

2000- present: Digestive Diseases and Science

2000- present: Case reports in Gastroenterology

2000- present: Human Pathology

**Professional Service for Professional organizations**

2021- Cancer Committee, CAP

2020- Vice President. Hans Popper Hepatopathology Society (2020-21)

2016- Chair, Membership Committee, Hans Popper Hepatopathology Society (2016-18)

2014- Membership Committee, Hans Popper Hepatopathology Society (2014-16)

2009- Education Committee, Gastrointestinal Pathology Society, United States and Canadian Academy of Pathology (2009-11)

2008- Membership Committee, Hans Popper Hepatopathology Society (2008-10)

2005 Chair, Training Program and Awards Committee, Gastrointestinal Pathology Society, United States and Canadian Academy of Pathology (2002-05)

2005- Executive Committee Member, Association of Indian Pathologist in North America (AIPNA)

2005- Connecticut Medicare Advisory Committee (Connecticut Society of Pathologists representative)

2005- Member, Connecticut Society of Pathologists

2005- Member, Hans Popper Hepatopathology society

2004- Member, American Gastroenterological Association (AGA)

2004- Member, American association for the study of liver diseases (AASLD)

2004- Member, American Medical Association (AMA)

2001 Member, Training Program and Awards Committee, Gastrointestinal Pathology Society, USCAP (1998-2001)

2000- Member, American Society of Clinical Pathologists (ASCP)

2000- Member, Association of Indian Pathologist in North America (AIPNA)

2000- Member, College of American Pathologists (CAP)

1999- Member, Gastrointestinal Pathology Society (GIPS)

1995- Member, United States and Canadian Academy of Pathology (USCAP)

**Yale University Service**

2019-2021 Terms Appointment and Promotions committee, Yale University School of Medicine

2018-Present Faculty search committee for Chief of Gastrointestinal Oncology

2014-Present Allotment committee, Yale University

**Department committees**

2020 Chair, Faculty search committee for Gastrointestinal Pathologist

2017 Chair, Faculty search committee for Gastrointestinal Pathologist

2015-Present Senior advisory committee, Anatomic pathology, Yale University

2015-Present Board of permanent officers, Yale University School of Medicine

2010-2012 Resident curriculum committee

2009-2010 Immunohistochemistry quality improvement committee

2006-2007 Faculty search committee for gastrointestinal pathologist

2003-Present Billing Compliance Officer, Department of Pathology

2006-2013 Medmentor (leader), Pathology department

2006-2007 Member, Committee to establish promotion criteria in clinician

educator track

2005 CPC feasibility committee

2005 Ad Hoc Grand rounds committee

2004-2011 Quality improvement committee, Surgical Pathology

2004-2007 Resident teaching committee

2003-2004 Performance improvement committee, Surgical pathology

**Postdoctoral Fellows**

Adan Codina (2017-present): Mutational landscape of oncogenes and tumor suppressors in Hepatocellular carcinoma across varying differentiation and stem cells. Dr. Sidi Chen’s lab, PhD.

Duo-Qi Zheng (2001-2002): Molecular Characterization of β3 Integrin Ligands, Associate Research Scientist, Dr. Lucia Languino’s lab. PhD.

Mara Fornaro (1999-2002): β1c Integrin and Cell Proliferation, Associate Research Scientist, Dr. Lucia Languino’s lab.

**Post-graduate Fellows**

Varun Kumar (2015-17): Microbiome and autoimmune liver disease. Dr. Martin Kriegel’s Lab

Maya Balakrishna (2007-9): Histologic changes in liver in patients with diabetes. Dr. Guadalupe Garcia-Tsao’s lab

Alexander Zipprich (2007-8): Nitric oxide and vascular remodeling in hepatic arterial resistance and portal hypertension. Dr. Roberto Groszmann’s lab

Prithvi Srinivasan (2006-8): Morphologic correlation of liver histology with hepatic decompensation in liver cirrhosis. Dr. Guadalupe Garcia –Tsao’s lab.

Supatsri Sethasine (2005-2006): Quantitative Histological-Hemodynamic Correlation in Needle biopsies of Liver in patient with HCV cirrhosis. Dr. Guadelupe Garcia –Tsao’s lab,

Pallavi Rao (2000-2001): Role of β1 Integrins in Prostate Cancer. Dr. Lucia Languino’s lab

# Senior Project Advisor

Gil Bultron (Pediatric GI Fellow, 2007-09): STAT3 and IL23R in Inflammatory bowel disease. Dr. Judy Cho’s Lab

Sophie Cheang (Undergraduate Student, 2000-2002): MCDB (Molecular Cellular and Developmental Biology) 475a- Research Project. Dr. Lucia Languino’s Lab

Amber Wheeler (Undergraduate Student, 2001-2002): MCDB (Molecular Cellular and Developmental Biology) 475a- Research Project. Dr. Lucia Languino’s Lab

**Names of M.D. students whose thesis I supervised**

Johad Toure (2002-2003): Portal fibroblasts and biliary disorders. Dr. Jonathan Dranoff’s lab.

Satish Nagula (2002-2003): Correlation of liver histology with hepatic-portal vein pressure gradient. Dr. Guadalupe Garcia-Tsao’s lab.

**Bibliography:**

**Peer-reviewed original research**

1. Radotra BD, **Jain D**, Joshi K, Indira Devi B, Kak VK, Banerjee AK. Gliosarcoma: A clinicopathological study. Neurology India, 1992; 40:1:9-15.
2. Sridevi D, **Jain D**, Vashistha RK, Joshi K. Intraglomerular metastasis: a necropsy study. J Clin Pathol, 1999; 52: 0-2.
3. **Jain D**, Sarode V, Abdul- Karim FW, Homer R, Robert ME. Evidence for the neoplastic transformation of Von-Meyenburg complexes. Am J Surg Pathol, 2000; 24:1131-1139.
4. Garcia-Tsao L, Korzenik JR, Young L, Henderson KJ, **Jain D**, Byrd B, Pollak JS. White RI. Clinical consequences of liver involvement in hereditary hemorrhagic telangiectasia. N Engl J Med, 2000; 343: 931-936.
5. Robert ME, Singh S, Ikuma M, **Jain D**, Ardito T, Binder H. Morphology of isolated colonic crypts Cells, Tissues and Organs, 2001; 168:246-251.
6. Kruglov EA, Boyer JL, **Jain D,** Dranoff JA. Method for isolation of primary rat liver fibroblasts. J Invest Med, 2002; 50:179-84.
7. Calhoun BC, Gomes F, Robert ME, **Jain D**. Sampling error in the standard evaluation of endoscopic colonic biopsies. Am J Surg Pathol, 2003; 27:254-257.
8. **Jain D**, Hao L, Moussa K, Culpepper Morgan J, Proctor D. Role of interstitial cells of Cajal in chronic intestinal pseudo-obstruction. Am J Gastroenterol, 2003; 98:618-624.
9. Yeh MC, Tang L, Wang S, Robert ME, Zheng W, **Jain D**. Inhibin expression in Ovarian type-stroma in mucinous cystic neoplasm of the pancreas. Appl Immunohistochem Mol Morph, 2004; 12:148-152.
10. **Jain D**, Robert ME, Navarro VJ, Friedman AL, Crawford JM. Total fibrous obliteration of main portal vein and foam cell venopathy in chronic hepatic allograft rejection. Arch Pathol Lab Med, 2004; 128:64-67.
11. Eslami-Varzaneh F, Robert ME, Kashgarian M, Washington K, Goldblum JR, **Jain D**. Benign Fibroblastic Polyps of The Colon: A Histologic, Immunohistochemical, and Ultrastructural Study. Am J Surg Pathol, 2004; 38:374-378.
12. Koullias GJ, Korkolis DP, Elefteriades JA, **Jain D**. Helicobacter pylori infection is not involved in the etiopathogenesis of penetrating aortic ulcers. Am J Cardiol, 2004; 93:122-123.
13. Matte CC, Liu J, Cormier J, Anderson BE, Athanasiadis I, **Jain D**, McNiff J, Shlomchik WD Donor APCs are required for maximal GVHD but not for GVL. Nat Med, 2004; 10: 987-992.
14. Kaplan DH, Anderson BE, **Jain D**, Shlomcik MJ, Shlomchik WD. Target antigens not strain background determine GVHD phenotype. J Immunol, 2004; 173:5467-75.
15. Dranoff JA, Kruglov EA, Toure J, Braun N, Zimmermann H, **Jain D**, Knowles AF, Jean S. The ecto-nucleotidase NTPDASE2 is selectively down-regulated in biliary cirrhosis. J Invest Med, 2004; 52:475-82.
16. Anderson BE, McNiff J, **Jain D**, Blazar BR, Shlomchik WD, Shlomcik MJ. Distinct roles for donor-and host deroived antigen presenting cells and costimulatory molecules in murine chronic graft vs. host disease: requirements depend on target organs. Blood, 2005, 105: 2227-34.
17. Kakar S, Burgart LJ, Batts KP, Garcia J, **Jain D**, Ferrell L. Clinicopathologic features and survival in fibrolamellar carcinoma: comparison with conventional hepatocellular carcinoma with and without cirrhosis Mod Pathol, 2005,18:1417-23.
18. **Jain D**, Fatima Eslami-Varzaneh,MD, Takano AM, Ayer U, Umashankar R, Muller R, Klimstra DS. Composite Glandular and Endocrine Tumors of the Stomach with Pancreatic Acinar Differentiation. Am J Surg Pathol, 2005, 29:1524-29.
19. Nagula S, **Jain D**, Groszmann RJ, Garcia-Tsao L. Histological-hemodynamic correlation in cirrhosis – A histological classification of the severity of cirrhosis. J Hepatology, 2006; 44;111-117.
20. Marginean EC, M Bennick M, Cycyzk J, Robert ME, **Jain D**. Gastric Glandular Siderosis: Patterns and significance. Am J Surg Pathol, 30:514-520, 2006.
21. DranoffJA, KruglovEA, Abreu-LanfrancoO, NguyenT, Aurora G, **JainD**. Prevention of Liver Fibrosis by the Purinoceptor AntagonistPyridoxal-phosphate-6-azophenyl-2',4'-disulfonate (PPADS). In vivo, 2007; 21:957-965.
22. Concato J, **JainD**, Li WW, RischHA, UchioEM, WellsCK. Molecular markers and mortality in prostate cancer. BJU Int, 2007; 100:1259-63.
23. Gallagher AR. Esquivel EL, Briere ST, TianX, MitobeM, Menezes LF, Markowitz GS, **Jain D**, Onuchic LF, Somlo S. Biliary and pancreatic dysgenesis in mice harboring a mutation in Pkhd1. Am J Pathol, 2008, 172:417-29.
24. Carmack S, Taddei T, Robert ME, Mistry P, **Jain D**. Increasesd sinusoidal lymphocytosis in liver biopsies in patients with chronic hepatitis C and mixed cryoglobulinemia. Am J Gastroenterol, 2008; 103:705-711.
25. Matte-Martone C, Liu J, **Jain D**, McNiff J, Shlomchik W. CD8+ but not CD4+ t cells require cognate interactions with target tissues to mediate GVHD across only minor H antigens but both CD4+ and CD8+ T cells require direct leukemic contact to mediate GVL. Blood, 2008, 111:3884-92.
26. [Zheng H](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=PubMed&Cmd=Search&Term=%22Zheng%20H%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVCitation), [Matte-Martone C](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=PubMed&Cmd=Search&Term=%22Matte-Martone%20C%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVCitation), [Li H](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=PubMed&Cmd=Search&Term=%22Li%20H%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVCitation), [Anderson BE](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=PubMed&Cmd=Search&Term=%22Anderson%20BE%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVCitation), [Venketesan S](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=PubMed&Cmd=Search&Term=%22Venketesan%20S%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVCitation), [Tan HS](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=PubMed&Cmd=Search&Term=%22Tan%20HS%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVCitation), [**Jain D**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=PubMed&Cmd=Search&Term=%22Jain%20D%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVCitation), [McNiff J](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=PubMed&Cmd=Search&Term=%22McNiff%20J%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVCitation), [Shlomchik WD](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=PubMed&Cmd=Search&Term=%22Shlomchik%20WD%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVCitation). Effector memory CD4+ T cells mediate graft-versus-leukemia without inducing graft-versus-host disease. Blood, 2008; 111:2476-84.
27. Anderson BE, Taylor PA, McNiff JM. **Jain D**. Demetris AJ, Panoskaltsis-Mortari A, Ager A, Blazar BR, Shlomchik WD, Shlomchik MJ. Effects of donor T-cell trafficking and priming site on graft-versus-host disease induction by naive and memory phenotype CD4 T cells. Blood, 2008; 111:5242-51.
28. Chetty R, **Jain D**, Serra S. P120 catenin (p120) reduction and cytoplasmic relocalization leads to dysregulation of e-cadherin in solid pseudopapillary tumors of the pancreas. Am J Clin Pathol, 2008; 130:71-76.
29. Iyer A, Robert M, Salem RR, Bifulco C, **Jain D**. Different Cytokeratin and NCAM Staining Patterns in Focal Nodular Hyperplasia and Hepatic Adenoma and their Diagnostic Signficance. Hum Pathol, July 2008, 39:1370-7.
30. Ahmad I, Iyer A, Marginean CE, Yeh MM, Ferrell L, Qin L, Bifulco CB, **Jain D**. Diagnostic Utility Of Cytokeratins, CD34 And NCAM Staining In Focal Nodular Hyperplasia And Hepatic Adenoma. Hum Pathol, 2009; 40:726-34.
31. Kenney BC, **Jain D**. Identification of lymphatics within the colonic lamina propria in inflammation and neoplasia using the monoclonal antibody D2-40. Yale J Biol Med, 2008; 81:103-13.
32. ZipprichA, Loureiro-SilvaMR, **JainD**, D’SilvaI, GroszmannRJ. Nitric oxide and vascular remodeling modulate hepatic arterial vascular resistance in the isolated perfused cirrhotic rat liver. J Hepatology, 2008,49:739-45.
33. Kenney B, Sosa JA, **Jain D**, Neto GA. Adult nesidioblastosis: a case report and review of literature. JOP, 2008, 9:504-11.
34. Rogart, JN, **Jain D**, Siddiqui UD, Oren T, Lim J, Jamidar P, Aslanian A. Narrow band imaging without high magnification to differentiate polyps during real-time colonoscopy: Improvement with experience Gastrointest Endosc, 2008; 68:1136-45.
35. Anderson BE, Zheng H, Taylor PA, Matte-Martone C, McNiff JM, **Jain D**, Demetris AJ, Panoskaltsis-Mortari A, Ager A, Blazar BR, Shlomchik MJ. Shlomchik WD. Memory T cells in GVHD and GVL. Biol Blood Marrow Transplant. 2008 Nov; 14(11):1317-8.
36. Hakim W, Sheikh S, Inayat I, Caldwell C, Smith D, Lorber M, Friedman A, **Jain D**, Bia M, Formica R, Mehal W. HCV response in patients with end stage renal disease treated with combination pegylated interferon Alpha-2a and ribavirin. J Clin Gastroenterol, 2009; 43:477-81.
37. Selbst M, Ahrens W, Robert ME, Lorber M, Friedman A, Lorber K, **Jain D**. [Spectrum of Histologic Changes in Colonic Biopsies in Patients Treated with Mycophenolate Mofetil](javascript:remote_window('view.php?nu=USCAP07L_583&terms=','Result',450,530,1);). Mod Pathol, 2009:22:737-43.
38. Kakar S, Chen X, Ho C, Burgart LJ, Sahai V, Dachrut S, Yabes A, **Jain D**, Ferrell LD. Chromosomal changes by array comparative genomic hybridization in fibrolamellar hepatocellular carcinoma. Mod Pathol, Nov2009; 22:134-41.
39. Concato J, **Jain D**, Uchio E, Risch H, Li WW, Wells CK. Molecular markers and long-term prognosis in prostate cancer: a cohort study. Ann Int Med, 2009; 150:595-603.
40. KamathA, Healy M, Bifulco C, Li W, Li W, Concato J, **Jain D**. Lack of immunohistochemical detection of VEGF in prostate cancer. Appl Immunohistochem Mol Morphol, 2009; 17:227-32.
41. Phatak UP, Seo-Mayer P, Selbst M, Husain S, **Jain D**, Pashankar DS. Colitis associated with Mycophenolate Mofetil treatment in Pediatric Renal Transplant patients. J Clin Gastroenterol, 2009; 43;967-9.
42. Zheng H, Matte-Martone C, **Jain D**, McNiff J, Shlomchik WD. Central memory CD8+ T cells induce graft-versus-host disease and mediate graft-versus-leukemia. J Immunol, 2009; 182(10):5938-48.
43. Kakar S, Chen X, Ho C, Burgart LJ, Adeyi O, **Jain D**, Sahai V, Ferrell LD. Chromosomal abnormalities determined by comparative genomic hybridization are helpful in the diagnosis of atypical hepatocellular neoplasms. Histopathology. 2009; 55:197-205.
44. Shah A, Sarwar A, Orabi A, Grant W, Park A, Shah A, Liu J, Mistry P, **Jain D**, Husain S Protease Activation during in vivo Pancreatitis is Dependent upon Calcineurin Activation. Am J Physiol Gastrointest Liver Physiol 2009; 297: G967-73.
45. **Jain D**, Aherns WA, Finkelstein S. Molecular evidence for neoplastic potential of hepatic Von-Meyenburg complex. Appl Immunohistochem Mol Morphol 2009, 2010;18:166-71.
46. Shah A, Sarwar A, Orabi A, Grant W, Park A, Shah A, Liu J, Mistry P, **Jain D**, Husain S Protease Activation during in vivo Pancreatitis is Dependent upon Calcineurin Activation. Am J Physiology, Gastroenteroly, and Hepatology, 2009; 297: G967-73.
47. Van Patten K, Parkash V, **Jain D**. Cadherin expression in gastrointestinal tract endometriosis: possible role in deep tissue invasion and development of malignancy. Mod Pathol 2010; 23:38-44.
48. Parkash V, Bifulco C, Feinn R, Concato J, **Jain D**. To count and how to count, that is the question: interobserver and intraobserver variability among pathologists in lymph node counting. Am J Clin Pathol, 2010; 134:42-9.
49. Stein P, Yu H, **Jain D**, Mistry PK. Hyperferritinemia and Iron Overload in Type 1 Gaucher Disease. World J Gastroenterology, 2010; 85:472-476.
50. Lo SM,Mullaly S, Bar M, Stein P, **Jain D**,Yang R, Mistry PK. Occurrence of multiple cancers in type 1 Gaucher disease. Am J Hematol, 2010; 85:340-5.
51. Orabi AI, Shah AU, Ahmad MU, Choo-Wing R, Parness J, **Jain D**, Bhandari V, Husain SZ. Dantrolene Mitigates Caerulein-Induced Pancreatitis in vivo in Mice. Am J Physiol Gastrointest Liver Physiol. 2010; 299: G196-2-4
52. Mistry PK, LiuJ, YangM, Nottoli T, McGrathJ, **JainD**, Zhang K, KeutzerJ, ChuangWL, Mehal WZ, ZhaoH, LinA, ManeS, LiuX, PengYZ, Jian H, Li H, Agrawal M, ZhuLL, BlairHC, RobinsonLJ, Iqbal J, Sun L, Zaidi M. GBA1 Deficient Mice Recapitulates Gaucher Disease Displaying System-wide Cellular and Molecular Dysregulation Beyond the Macrophage. Proc Nat Acd Sc, 2010, 107:19473-8.
53. Li H, Matte-Martone C, Tan HS, Venkatesan S, McNiff J, Demetris AJ, **Jain D**, Lakkis F, Rothstein D, Shlomchik WD. Graft-versus-Host Disease Is Independent of Innate Signaling Pathways Triggered by Pathogens in Host Hematopoietic Cells. J Immunol, 2011; 186:230-41.
54. ZengH, YuH, Lu L, **Jain D**, KiddMS, Saif MW, ChanockSJ, Harvey A. Risch HA, Genetic effects and modifiers of radiotherapy and chemotherapy on survival in pancreatic cancer. Pancreas 2011, 40:657-63.
55. Li H, Matte-Martone C, Tan HS, Venkatesan S, McNiff J, Demetris AJ, **Jain D**, Lakkis F, Rothstein D, Shlomchik WD. Graft-versus-Host Disease Is Independent of Innate Signaling Pathways Triggered by Pathogens in Host Hematopoietic Cells. J Immunol. 2011; 186:230-41.
56. Kenney B, Singh G, Salem RR, Paterno P, Robert ME, **Jain D**. Pseudo-Intraductal Papillary Mucinous Neoplasia Caused by Microscopic Periductal Endocrine Tumors of The Pancreas: A Report Of Three Cases. Hum Pathol, 2011, 42:1034-41.
57. Gancayco J, **Jain D**, Siddiqui U, Aslanian H. Narrow Band Imaging Features and Pathological Correlations of Sessile Serrated Polyps. Am J Gastroenterology, 2011; 106:1559-60.
58. Anderson BE, Tang AL, Wang Y, Froicu M, Rothstein D, McNiff JM, Demetris AJ, **Jain D**, Farber DL, Shlomchik WD, Shlomchik MJ. Enhancing alloreactivity does notre store GVHD Induction but augments skin graft rejection by CD4 effector memory T cells. Eur. J. Immunol. 2011. 41: 1–11.
59. Liu J, Halene S, Yang M, Iqbal J, Yang R, Mehal WZ, Chuang WL, **Jain D**, Sun L, Zaidi M, Mistry PK. The Gaucher Disease Gene GBA Functions in Immune Regulation. Proc Nat Acd Sc, 2012, 109:10018-23.
60. Lo SM, Choi M, Liu J, **Jain D**, Boot RG, Kallemeijn WW, Aerts JMFG, Pashankar F, Kupfer G, Mane S, Lifton RP, Mistry PK. Phenotypic diversity in type 1 Gaucher disease: Discovering the Genetic Basis of Gaucher disease/hematological malignancy phenotype by whole exome capture and massively parallel sequencing. Blood, April 2012: 119:4731-40.
61. Singhi AD, **Jain D**, Kakar S, Wu TT, Yeh MM, Torbenson M. Reticulin Loss in Benign Fatty Liver: An Important Diagnostic Pitfall when Considering a Diagnosis of Hepatocellular Carcinoma. Am J Surg Pathol, 2012, 36:710-715.
62. Chan ES, Alexander J, Swanson PE, **Jain D**, Yeh MM, MD. PDX-1, CDX-2, TTF-1 and CK7: A Reliable Immunohistochemical Panel for Pancreatic Neuroendocrine Neoplasms. Am J Surg Pathol, 2012, 36:737-743.
63. Sethasine S, **Jain D**, Groszmann R, Garcia-Tsao G, Quantitative Histological-Hemodynamic Correlation in Needle biopsies of Liver in patient with HCV cirrhosis. Hepatology, 2012, 54:1146-53.
64. Aslanian H, Chander B, Robert M, Cooper D, Proctor D, Seropian S, **Jain D**. Prospective evaluation of acute graft versus host disease. Dig Dis Sci, 2012, 57:1120-5.
65. Gunal A, Hui P, Kilic S, Xu R, **Jain D**, Mitchell K, Robert ME, Kenney B. KRAS Mutations are Associated with Specific Morphologic Features in Colon Cancer. J Clin Gastroenterol. 2013, 2013;47:509-14.
66. Krings G, Ramachandran R, **Jain D**, Wu TT, Yeh MM, Torbenson M, et al. Immunohistochemical pitfalls and the importance of glypican 3 and arginase in the diagnosis of scirrhous hepatocellular carcinoma. Mod Pathol. 2013; 26: 782-91.
67. Chen J, Wong S, Nathanson MH, **Jain D**. Evaluation of Barrett’s esophagus by multiphoton microscopy. Arch Pathol Lab Med. 2014; 138:204-212.
68. Joseph NM, Ferrell LD, **Jain D**, Torbenson MS, Wu TT, Yeh MM, et al. Diagnostic utility and limitations of glutamine synthetase and serum amyloid-associated protein immunohistochemistry in the distinction of focal nodular hyperplasia and inflammatory hepatocellular adenoma. Mod Pathol, 2014; 27:62-72.
69. Mistry P, LiuJ, SunL, Chuang WL, Yuen T, Yang R, Lu P, Zhang K, Li J, Keutzer J, Stachnik A, Menone A, Boyer J, **Jain D**, Brady R, New M, Zaidi M. Glucocerebrosidase-2 Gene Deletion Rescues Type 1 Gaucher Disease. Proc Nat Acd Sc, 2014; 111: 4934-9.
70. Vilarinho S, Choi M, **Jain D**, Malhotra A, Kulkarni S, Pashankar D, et al. Individual Exome Analysis in Diagnosis and Management of Pediatric Liver Failure of Indeterminate Etiology. J Hepatology, 2014; 61:1056-63.
71. Sethi A, MD, **Jain D**, Roland BC, Kinzel J, Gibson J, Schrader R, Hanson JA. Performing Colonic Mast Cell Counts in Patients with Chronic Diarrhea of Unknown Etiology Has Limited Diagnostic Use. Arch Pathol Lab Med. 2015; 139:225-32.
72. Kakar S, Torbenson M, **Jain D**, Wu TT, Yeh M, Ferrell LD. Immunohistochemical pitfalls in the diagnosis of hepatocellular adenomas and focal nodular hyperplasia: accurate understanding of diverse staining patterns is essential for diagnosis and risk assessment. Modern pathology. 2015; 28: 159-60.
73. Nguyen T, Phillips D, **Jain D**, Torbenson M, Wu TT, Yeh MM, et al. Comparison of 5 Immunohistochemical Markers of Hepatocellular Differentiation for the Diagnosis of Hepatocellular Carcinoma. Arch Pathol Lab Med. 2015; 139:1028-34.
74. Balakrishnan M, Garcia-Tsao G, Deng Y, Ciarleglio M, **Jain D**. Hepatic Arteriolosclerosis: A small vessel complication of diabetes and hypertension. Am J Surg Path 2015; 39: 1000-9.
75. Vilarinho S, SariS, YilmazG, StieglerAL, BoggonTJ, **JainD**, AkyolG,DalgicB, GünelM, Lifton RP. Recurrent Recessive Mutation in DGUOK Causes Idiopathic Non-Cirrhotic Portal Hypertension. Hepatology 2016; 63(6):1977-86.
76. Monestime G, Borger DK, Lim J, Lopez G, Allgaeuer M, **Jain D**, Vortemyer A, Wang HW, Siddransky E. Varied autopsy findings in five treated patients with Gaucher disease include the absence of Gaucher cells. Mol Genet Metab 2016; 118:55-59.
77. LuH, WangT, LiJ, FedeleC, Anindita A, LiuQ, ZhangJ, Jiang Z, **JainD**, Shelia M, VioletteSM, WeinrebPH, DavisRJ, GioeliD, FitzGeraldTJ, AltieriDC, Languino LR.Alphav Beta 6 Integrin Regulates Androgen Receptor Activity and Prostate Cancer Progression. Cancer res 2016; 76:5163-74.
78. VilarinhoS, SariS, MazzacuvaF, Esendagli-YilmazG, **Jain D**, AkyolG,Dalgiç B, Clayton P, Lifton RP. 2ACOX2 deficiency: a new disorder of bile acid synthesis with transaminase elevation, liver fibrosis, ataxia and cognitive impairment. Proc Natl Acad Sci U S A. 2016;113(40):11289-93.
79. Bartley AN, Washington MK, Ventura CB, Ismaila N, Colasacco C, Benson, AB, Carrato A, Gulley ML, **Jain D**, Kakar S, MacKay HJ, Streutker C, Tand L, Troxell M, Ajani JA. HER2 Testing and Clinical Decision Making in Gastroesophageal Adenocarcinoma: Guideline from the College of American Pathologists, American Society for Clinical Pathology and the American Society of Clinical Oncology." J Clin Oncol. 2017;35(4):446-64.
80. Celli R, Colunga M, Patel N, Djekidel M, **Jain D**. [Metabolic Signature on FDG PET/CT, HER2 Status and Survival in Gastric Adenocarcinoma.](https://www.ncbi.nlm.nih.gov/pubmed/27789750) J Nucl Med Technol. 2016; 44:234-8.
81. Bartley AN, Washington MK, Ventura CB, Ismaila N, Colasacco C, Benson, AB, Carrato A, Gulley ML, **Jain D**, Kakar S, MacKay HJ, Streutker C, Tand L, Troxell M, Ajani JA. HER2 Testing and Clinical Decision Making in Gastroesophageal Adenocarcinoma: Guideline from the College of American Pathologists, American Society for Clinical Pathology and the American Society of Clinical Oncology." Arch Pathol Lab Med. 2016; 140:1345-63.
82. Bartley AN, Washington MK, Ventura CB, Ismaila N, Colasacco C, Benson AB 3rd, Carrato A, Gulley ML, **Jain D**, Kakar S, Mackay HJ, Streutker C, Tang L, Troxell M, Ajani JA: [HER2 Testing and Clinical Decision Making in Gastroesophageal Adenocarcinoma: Guideline From the College of American Pathologists, American Society for Clinical Pathology, and American Society of Clinical Oncology.](http://ncbi.nlm.nih.gov/pubmed?term=28077399) Am J Clin Pathol. 2016; 146:647-69.
83. Lawless ME, Toweill DL, Jewell KD, **Jain D**, Lamps L, Krasinskas AM, Swanson PE, Upton MP, Yeh MM. Massive Gastric Juvenile Polyposis: A Clinicopathologic Study Using SMAD4 Immunohistochemistry. Am J Clin Pathol. 2017;147(4):390.
84. Zhang X, Zhu X, Yang X, **Jain D**. Post-Obstructive Cyst Formation in Pancreas and Cystic Acinar Transformation. Pathol Res Pract. 2017; 213:997-1001.
85. The Cancer Genome Atlas Research Network. Comprehensive and Integrative Genomic Characterization of Hepatocellular Carcinoma. Cell 2017: 169, 1327–1341.
86. Murtha T, Beatrice L, **Jain D** Salem, RR. A Systematic Review of Proinsulin-Secreting Pancreatic Neuroendocrine Tumors. J Gastro Surg. 2017; 21:1335-41.
87. Graham RP, Yeh MM, Lam-Himlin D, Roberts LR, Terracciano L, Cruise MW, Greipp PT, Zreik RT, **Jain D**, Zaid N, Salaria SN, Jin L, Wang X, Rustin JG, Kerr SE, Sukov WR, Solomon DA, Kakar S, Waterhouse E, Gill RM, Ferrell L, Alves VA, Nart D, Yilmaz F, Roessler S, Longerich T, Schirmacher P, Torbenson MS. Molecular testing for the clinical diagnosis of fibrolamellar carcinoma. Mod Pathol. 2018; 31:141-149
88. Cai SY, Ouyang X, Chen Y, Soroka CJ, Wang J, Mennone A, Wang Y, Mehal WZ, **Jain D**, Boyer JL. Bile acids initiate cholestatic liver injury by triggering a hepatocyte-specific inflammatory response. JCI Insight. 2017; 2(5): e90780
89. Manfredo-Vieira S, Hiltensperger M, Kumar V, Zegarra-Ruiz D, Dehner C, Khan N, Costa FRC, Tiniakou E,Greiling T, Ruff W, Barbieri A, Kriegel C, Mehta SS, Knight JR, **Jain D**, Goodman AL, Kriegel MA. The Enemy Lies Within: Spontaneous Translocation of a Gut Pathobiont Drives Autoimmunity. Science. 2018; 359(6380):1156-61.
90. Gurung A, Assis DN, McCarty T, Mitchell K, Boyer JL, **Jain D**. Histological features of Autoimmune Hepatitis: A critical appraisal. Hum Pathol 2018; 82:51-60.
91. Celli R, Tang LH, Cai G, Freedman-Weiss M, Colunga M, Salem RR, Majumdar S, **Jain D**. Proinsulin Expressing Neuroendocrine Tumors of the Pancreas: An Underrecognized Entity. Pancreas. 2018; 48:55-59.
92. Hakim A, Zhang X, Deslile A, Oral EA, Dykas A, Drzewiecki K, Assis D, Silveira M, Batisti J, **Jain D**, Nathanson MH, Bale A, Mistry PK, Vilarinho S. Clinical Utility of Genomic Analysis in Adults with Idiopathic Liver Disease. J Hepatol. 2019; 70:1214-1221.
93. Aksu A, Das S, Nelson-Williams S, **Jain D**, Lifton RP, Vilarinho S. Recessive Mutations in KIF12 Cause High Gamma-Glutamyl Transpeptidase Cholestasis. Hepatology Communications. 2019; 3:471-477.
94. Arnold CA, Graham RP, **Jain D**, Kakar S, Lam-Himlin DM, Naini BV, Wu TT, et al. Knowledge gaps in the appendix: a multi-institutional study from seven academic centers. Mod Pathol 2019; 32-988-96.
95. Torbenson MS, Arnold CA, Graham G, **Jain D**, Kakar S, Lam-Himlin DM, Naini BV, Wu TT, Yeh M. Identification of Key Challenges in Liver Pathology: Data from a Multicenter Study of Extramural Consults. Hum Pathol. 2019; 87:75-82.
96. Codina A, Renauer PA, Wang G, Chow RD, Park JJ, Ye H, Zhang K, Dong BK, Gassaway B, Ye l, Errami Y, Shen, L . Convergent Identification and Interrogation of Tumor-Intrinsic Facto, Chang A, **Jain D**, Herbst RS, Bossenberg M, Rinehart J, Fan R, Chen Se . Convergent Identification and Interrogation of Tumor-Intrinsic Factors that Modulate Cancer Immunity In Vivo. Cell Syst. 2019; 8:136-151 e137.
97. Balitzer D, Joseph N, Ferrell L, Shafizadeh N, **Jain D**, Zhang X, Yeh M, di Tommaso L, Kakar S. Immunohistochemical and Molecular Features of Cholangiolocellular Carcinoma are Similar to Well-Differentiated Intrahepatic Cholangiocarcinoma. Mod Pathol. 2019; 32:1486-94.
98. Jeon Y, BS, Benedict M, Taddei T, **Jain D**, Zhang X. Macrotrabecular Hepatocellular Carcinoma: An Aggressive Subtype of Hepatocellular Carcinoma. Am J Surg Pathol. 2019; 43: 943-948
99. Morin-Zorman S, Wysocki C, Zhu J, Li H, Zorman S, Matte-Martone C, Kisanga E, Madison-McNiff J, **Jain D**, Gonzalez D, Rothstein D, Lakkis FG, Haberman A, Shlomchik WD. In vivo dynamics of T cells and their interactions with dendritic cells in mouse cutaneous graft-versus-host disease. Blood Advances. 2019; 3:2082-2092.
100. Gao E, Cheema H, Waheed N, Mushtaq I, Erden N, Nelson-Williams C, **Jain D**, Soroka C J, Boyer J, Khalil Y, Clayton P, Mistry P, Lifton R, Vilarinho S. OSTα deficiency: A disorder with congenital diarrhea, cholestasis and liver fibrosis. Hepatology Communications. 2019; 71 (5); 1879-1882.
101. Cameron Beech C, Freedman-Weiss M, Salem R, **Jain D**, Zhang X. Pancreatic Intraductal Papillary Mucinous Neoplasm with Elevated Pre-operative Cystic CEA Level: A histopathologic Correlation". Gastroenterol research 2019; 12:185-90.
102. Vyas M, Patel N, Celli R, Wajapeyee N, **Jain D**, Zhang X. [Glucose Metabolic Reprogramming and Cell Proliferation Arrest in Colorectal Micropapillary Carcinoma.](https://www.ncbi.nlm.nih.gov/pubmed/31236153) Gastroenterology Res. 2019 Jun;12(3):128-134
103. PaiRK, KleinerDE HartJ, AdeyiOA, Clouston AD, Behling CA, **Jain D**, Kakar S, Brahmania M, Burgart L, Batts KP, Valasek MA, TorbensonMS, Guindi M, Wang H, Ajmera V, Adams LA, Parker CE, Feagan BG, Loomba R, Jairath V. Standardizing the interpretation of liver biopsies in non-alcoholic fatty liver disease clinical trials". Alimentary Pharmacology & Therapeutics. 2019; 50:1100-1111
104. Ueasilamongkol P,  Khamphaya T,  Guerra MT, Rodrigues M, ­­Gomes DA, Kong Y, Wei W, **Jain D**, Trampert DC, Ananthanarayanan A, Banales JM,  Roberts LR, Farshidfar F, Nathanson MH, Weerachayaphorn J. Type 3 inositol 1,4,5-trisphosphate receptor is increased and enhances malignant properties in cholangiocarcinoma. Hepatology. 2020; 71(2); 583-599.
105. Patel N, Vyas M, Celli R, **Jain D**, Zhang, X Histologic features in Colorectal Sessile Shaped Malignant Polyps with Nodal Metastasis. Am J Surg Pathol. 2020; 44:241-246.
106. Olave, MC Gurung A, Mistry PK, Kakar K, Yeh M, Wu TT, Torbenson M,  **Jain D**. Etiology of Cirrhosis in the Young. Hum Pathol. 2020; 96:96-103.
107. Johncilla M, Grover S, Zhang X, **Jain D**, Srivastava A. Morphological spectrum of immune checkpoint inhibitor therapy associated gastritis. Histopathology. 2020; 76:531-539.
108. Roulis M, Kaklamanos A, Schernthanner M, Bielecki P, Zhao J, Kaffe E, Frommelt LS, Knapp MS, Qu R, Henriques A, Koliaraki V, Zhao X, Breyer RM, Soriano P, Aidinis V, **Jain D**, Su B, Herschman HR, Kluger Y, Kollias G, Flavell RA. Paracrine orchestration of intestinal tumorigenesis by a confined mesenchymal niche. Nature 2020; 580 (7804):524-529.
109. Tefera J, Revzin M, Chapiro J, Savic L, Mulligan D, Batra R, Taddei T, **Jain D**, Zhang X. Fibronodular Hepatocellular Carcinoma – A New Variant of Liver Cancer: Clinical, Pathological, and Radiological Correlation. J Clin Pathol 2020, (epub before print)
110. Celli R, Saffo S, WieseN, Mixson-Hayden T, Kamili S, Taddei TH, **Jain D**. Liver Pathologic Changes Post Direct-Acting Antiviral Agent Therapy and Sustained Virologic Response in the Setting of Chronic Hepatitis C Virus Infection, Arch Pathol Lab Med 2020 (Epub, before print).
111. Vyas M, Celli R, Singh M, Patel N, Aslanian H, Deng Y, Ciarleglio MM, Boffa D, Laine L, **Jain D**.  Intestinal Metaplasia Around The Gastroesophageal Junction Is Frequently Associated With Antral Reactive Gastropathy: Implications For Carcinoma At The Gastroesophageal Junction. 2020; Hum Pathol (in press).

**Case Reports, Technical Notes, Letters**

1. Ray R, Grover A, **Jain D**, Narang A, Datta BN. Congenital heart block due to pigment deposition in the conduction system. Indian Heart J, 1995;47:141-2.
2. Behera A, Attri A, Srinivas C, Katariya RN, **Jain D**. Traumatic rupture of a filarial spleen: a case report. Indian J Gastroenterol, 1995; 14:114.
3. Kohli HS, **Jain D**, Sud K, Jha V, Gupta KL, Sakhuja V, Joshi K. Azathioprine-induced hepatic veno-occlusive disease in a renal transplant recipient: histological regression following azathioprine withdrawal (letter). Nephrol Dial Transplant, 1996;11:1671-2.
4. Begos DG, **Jain D**, Rappaport R. Cytomegalovirus infection masquerading as an ulcerative colitis flare-up: case report and review of the literature. Yale J Biol Med, 1997; 69:323 -328.
5. **Jain D**, Bowlus CL, Anderson JM, Robert ME. Granular cells as a marker of early Amiodarone toxicity: A case report. J Clin Gastroenterol, 2000; 31: 241-243.
6. **Jain D**, Parkash V, Li M, Gill J, Crouch J, Howe G, Tallini G. EBV RNA detection and glandular differentiation in nasopharyngeal carcinoma: report of two cases Arch Pathol Lab Med, 2000; 124: 1369-1372.
7. **Jain D**, Hui P, McNamara J, Schwartz D, German J, Reyes-Mugica M. Hepatocellular carcinoma and anaplastic Wilm’s tumor with nephrogenic rests arising in siblings with Bloom’s syndrome. Pediatr Dev Pathol, 2001; 4:585-589.
8. Tang LH, Hui P, Garcia-Tsao L, Salem R, **Jain D**. Multiple angiomyolipomata of the liver: a case report. Mod Pathol, 2002; 15:167-171.
9. **Jain D**, Martel MM, Reyes-Mugica M, Parkash V. Immature renal tissue in the colon in a child with Shone’s syndrome: a case report. Pediatr Dev Pathol, 2002; 5:587-91.
10. Mariappan MR, Fadare O, **Jain D**. Sebaceous differentiation in salivary glands. Arch Pathol Lab Med, 2004; 128: 245-246.Hong-curtis J, Yeh MMC, Jain D, Robert M, Lee JH. Case Report: Rapid Progression of Autoimmune Hepatitis in the Background of Primary Sclerosing Cholangitis J Clin Gastroenterol, 2004; 38:906-909.
11. Lastra-Camacho G, Robert ME, Lamps L, Lagarde S, **Jain D**. Malakoplakia of the Stomach. Report of a Case and Review of the Literature. Arch Pathol Lab Med, 2004; 128: e153-156.
12. **Jain D**, Eslami-Varzaneh F, Washington K, Robert ME, Kashgarian M, Goldblum JR. Author’s reply: Fibroblastic polyps of the colon shares features with Vanek tumor. Am J Surg Pathol, 2004; 28:1398.
13. Achneck HE, Wong IY, Kim PJ, Fernandes MA, Walther Z, Seymour NE, **Jain D**. Ileostomy Adenocarcinomas In The Setting Of Ulcerative Colitis: A Case report and review of the literature. J Clin Gastroenterol, 2005; 39:396-400.
14. Prasad P, Salem R, Mangla R, Aslanian H, **Jain D**, Lee J. Lymphoplasmacytic Sclerosing Pancreato-cholangitis: a case report and review of the literature. Yale J Biol Med, 2005; 77:143-148.
15. Mariappan MR, Fadare O, **Jain D,** Chacho MC. Diagnostic intraoperative imprint cytology of a solid pseudopapillary tumor of the pancreas. Diagn Cytopathol, 2005; 32: 351-352.
16. Neto AG, Qin LH, Salem RR, MD, Robert ME, **Jain D**. Intraductal papillary cholangicarcinoma associated with Von-Meyenberg complexes: A Case Report. Dig Dis Sci, 2007; 52:2643-45.
17. Kamath A, Mehal W, **Jain D**. Colchicine therapy: characteristic morphologic findings in a liver biopsy J Clinical Gastroenterol, 2008; 42:1060-2.
18. Kenney B, Tormey CA, Qin L, Sosa JA, **Jain D**, Neto A. Clinicopathologiccorrelation between pre-operative selective arterial calcium stimulation studies and post-operative pathologic findings. JOP. 2008:10:504-511.
19. Chander B, Fiedler P, **Jain D**. Eosinophilic Myenteric Ganglionitis: A Case of intestinal pseudo-obstruction in a 93-year-old female. J Clin Gastroenterol, 2011, 45:314-6.
20. Barberi A, **Jain D**, Gobel S, Kenney B. Wagner-Meissner Corpuscle Proliferation: A Unique Cause of Colon Polyps. Int J Surg Pathol 2012, 20:79-82.
21. Majumdar K, Sakhuja P, **Jain D**, Singh M, Agarwal A. Balantidium ascites: an incidental smile in a cytospin during workup for malignancy. Cytopathology: 2014; 25: 138-40.
22. Tuktamyshov R, **Jain D**, Ginsburg PM. Recurrence of Merkel Cell Carcinoma in Gastrointestinal Tract: a case report. BMC research notes 2015; 8:188.
23. Boga S, **Jain D**, Schilsky ML. Presentation of Progressive Familial Intrahepatic Cholestasis Type 3 Mimicking Wilson Disease: Molecular Genetic Diagnosis and Response to Treatment. Pediatr Gastroenterol Hepatol Nutr. 2015; 18:202-8.
24. Boga S, **Jain D**, Schilsky ML. Trientine induced colitis during therapy for Wilson disease: a case reportand review of literature. BMC Pharmacology and Toxicology. 2015; 16:30.
25. Valika AH, **Jain D**, Jaffe PE, Moeckel G, Brewster UC. A nodular foreign body reaction in a dialysis patient on long-term Lanthanum Carbonate. Am J Kid Dis. 2016; 67:128-32.
26. Vyas M, Zhang X, Morrow JS, **Jain D**, Salem RR, West AB. Focal hepatic glycogenosis associated with metastatic insulinoma presenting as mass lesions. Pathol Res and Practice. 2016; 212:59-62.
27. Ze Zhang, Z, **Jain D**, Brand, B. Ringed esophagus secondary to lymphocytic esophagitis. Gastroenterology and Hepatology. 2016; 12:237-239.
28. Boga S, Abraham ASM, Rodriguez-Davalos MI, Emre SH, **Jain D**, Schilsky ML. Host Factors are Dominant in The Development of Post Liver Transplant Non-Alcoholic Steatohepatitis. World J Hepatology. World J Hepatol. 2016; 8:659-64.
29. Bernardo RM, Gurung A, **Jain D**, Malinis MF. Therapeutic challenges ofhepatic mucormycosis in hematologic malignancy: A case report and review of literature. Am J case reports. 2016; 17:484-9.
30. Sari S, Dalgic B, Muehlenbachs A, DeLeon-Carnes M, Goldsmith CS, Ekinci O, **Jain D**, Keating MK, Vilarinho S: Prototheca zopfii colitis in inherited CARD9 deficiency. J Infect Dis. 2018; 218(3):485-489.
31. LandryML, KamiliS, **JainD**. Subacute liver failure due to autochthonous hepatitis E virus infection in an elderly man in the United States. Hum Pathol case reports. 2018; 12:68-70
32. Wong S, Das G, Cha C, Klimstra DS, **Jain D**. Primary mesothelioma of the liver: a case report and review of literature. AJSP reviews and reports. 2019;24(4):e3–e10
33. Charifa A, Walther Z, Salem RR, **Jain D**. Undifferentiated Carcinoma with Osteoclast-like Giant Cells of the Pancreas Arising from an Intraductal Papillary Mucinous Neoplasm. Hum Path case reports. 2019; 15:95-98.
34. Odio CD, O’Brien CR, Jacox J, **Jain D**, Lee AI. Cryptic Cachexia. N Engl J Med 2020, 383 (1)68-74.

**Reviews, Invited Editorials and Commentaries**

1. **Jain D**. Hepatocellular carcinoma: Core biopsy or Fine needle aspiration cytology. J Clin Gastroenterol, 2002; 35 (suppl.2): S101-S108.
2. Marginean EC, **Jain D**. Alcoholic pancreatitits: Is it a priori chronic disease? J Clin Gastroenterol, 2004; 38:203-205.
3. Sheela H, Sheela S, Boyer JL, Caldwell C, **Jain D**. Liver biopsy: Evolving role in the new millenium. J Clin Gastroenterol, 2005; 39:603-610.
4. **Jain D**. Mini-symposium on liver pathology (Guest Editor). Curr Diagn Pathol, 2008; 14 (12).
5. Mitchell K, **Jain D**. Diagnostic approach to needle biopsies of hepatic mass lesions. Curr Diagn Pathol, 2008; 14:598-608.
6. Van Patten K, **Jain D**. Benign tumors and tumor like lesions of the gall bladder. Curr Diagn Pathol 2010:16:371-379.
7. Flood TA, **Jain D**, Marginean EC. Malignant tumors of Gallbladder and extra-hepatic Bile ducts: Updates. Curr Diagn Pathol 2010:16:360-370.
8. Walther Z, **Jain D**. Molecular pathology of hepatic neoplasms: classification and clinical significance. Pathology Research International, 2011:403929.
9. Wong DT, Mihm MC, Boyer JL, **Jain D**. Historical Path of Discovery of Viral Hepatitis. Harvard Medical Student Review, 2015; 3:18-36.
10. Henry Binder H, **Jain D**. Does duodenal intraepithelial lymphocytosis always imply Marsh 1 lesion. J Clin Gastroenterol, 2016; 50: 613-4.
11. Benedict MA, Lauwers GY, **Jain D**. Gastric Adenocarcinoma of the Fundic Gland Type -Update and Literature Review. Am J Clin Pathol 2018;149(6):461-473.
12. Barbieri AL, **Jain D**. Gastrointestinal Stromal Tumors – A case report with review and discussion of updates. AJSP reviews and reports 2019; 24:173-178
13. Yang G, **Jain D**, Weinreb J. Von Meyenberg Complex: Current Concepts and Imaging Misconceptions Journal of Computer Assisted Tomography. 2019; 43:846-851.
14. **Vyas M, Jain D**. A practical approach to hepatic mass lesion. Ind J Pathol Microbiol. 2018: 61: 2-16
15. Nalbantoglu I, **Jain D**. Cryptogenic cirrhosis: Old and new perspectives in the era of molecular and genomic medicine. Semin Diag Pathol. July 2019; 36:389-394.
16. **Jain D**, Torres R, Celli R, Koelmel J, Charkoftaki G, Vasiliou V. Evolution of the Liver Biopsy and its Future. Transl Gastroenterol Hepatol (in press).
17. Zhang X, **Jain D**. Updates in staging and pathologic evaluation of esophageal carcinoma following neoadjuvant therapy. Ann N.Y. Acd Sci 2020 (Sept, Epub)
18. Marginean CE, **Jain D**. Pathologic assessment of endoscopic resection specimens with superficial carcinoma of the esophagus: Current practice and practical issues. Ann N.Y. Acd Sci 2020 (Sept, Epub)
19. **Vyas M, Jain D**. An update on subtypes of hepatocellular carcinoma: From morphology to molecular. Ind J Pathol Microbiol 2020 (in press).

**Book chapters**

1. **Jain D**. Neural and muscular disorders of the gastrointestinal tract. Chapter 6. In Ed’s Crawford JM, Goldblum JR, Odze RD. Surgical pathology of the gastrointestinal tract, liver, biliary tract and pancreas. First Edition, Elsevier Saunders, Philadelphia 2003, pp105-120.
2. **Jain D**. Neural and muscular disorders of the gastrointestinal tract. Chapter 7. In Ed’s Odze RD, Goldblum JR. Surgical pathology of the gastrointestinal tract, liver, biliary tract and pancreas. 2ndt Edition, Elsevier Saunders, Philadelphia, 2008, pp125-143.
3. Mistry PK, **Jain D**. The hematology of Liver. In Ed’s Dooley J, Lok A Burroughs A, and Heathcote J. Sherlock’s Diseases of the Liver and Biliary system. 12th Edition, Wiley-Blackwell Science, Feb 2011.
4. Kenney B, **Jain D**. Ductal plate malformations. In Ed’s Ferrell L, Kakar S. Liver Pathology. Demos Medical Publishing, New York, Feb, 2011.
5. Mitchell K, **Jain D**. Biliary neoplasms. In Ed’s Ferrell L, Kakar S. Liver Pathology. Demos Medical Publishing, New York, Feb, 2011.
6. Van Patten K, **Jain D**. Ito cell lipidosis. In Ed’s Ferrell L, Kakar S. Liver Pathology. Demos Medical Publishing, New York, Feb, 2011.
7. Kakar S, **Jain D**. Liver biopsy with minimal changes. In Ed’s Ferrell L, Kakar S. Liver Pathology. Demos Medical Publishing, New York, Feb, 2011; pp275-277.
8. **Jain D**, West B. Pathology of Vascular Disorders of the Liver. In Ed’s Garcia-Tsao G, DeLeve L. Vascular liver diseases. Humana Press, April 2011.
9. **Jain D**, Warren BF and Riddell R. Inflammatory disorders of the large bowel bowel. In Eds, Shepherd NA, Warren BF, Williams GT, Greenson J, Lauwers G and Novelli M. Morson and Dawson’s Gastrointestinal Pathology. 5th edition, Wiley-Blackwell, Dec 2012.
10. **Jain D**. Neural and muscular disorders of the gastrointestinal tract. In Ed’s, Odze RD Goldblum JR. Surgical pathology of the gastrointestinal tract, liver, biliary tract and pancreas. 3rd Edition, Elsevier Press, Feb 2014 (in press).
11. Marginean EC, Gown A, **Jain D**. Approach to diagnosis of hepatic masses. In Eds Kakar S, Jain D. Liver Pathology. Surgical Pathology Clinics series. Elsevier, 2013.
12. Marginean EC, Gown A, **Jain D**. Approach to diagnosis of hepatic masses. In Eds Kakar S, Jain D. Liver Pathology. Surgical Pathology Clinics series. Elsevier, 2013.
13. Morotti RA, **Jain D**. Pediatric Cholestatic Disorders: Update and Approach to Pathologic Diagnosis. In Eds Kakar S, Jain D. Liver Pathology. Surgical Pathology Clinics series. Elsevier, 2013.
14. Bedossa P, Garcia-Tsao G, **Jain D**. Cirrhosis regression and sub-classification. In Eds Kakar S, Jain D. Liver Pathology. Surgical Pathology Clinics series. Elsevier, 2013.
15. Zhang X, **Jain D**. Pathology of rectal cancer. In Eds Reddy V and Longo W. Modern management of cancer of the rectum. Springer, 2014.
16. Celli R, **Jain D**. Lymphoproliferative Disorders of the Small and Large Intestine. In Eds Li-Chang HH, Kirsch R,  Conner J,  Sari A, Pollett A, El-Zimaity H, Jain D, Celli R, Reid SL Riddell, RH. Atlas of Intestinal Pathology, 111-‌129, Springer, 2019
17. Zhang X, **Jain D**. Pathology of Gastrointestinal tract in the elderly. In Eds Byard, RW, Collins KA. The forensic investigation of death, injury and disease in the elderly. Cambridge University press, 2019

**Books**

1. Gastrointestinal Pathology and its clinical implications (Vol I &II). Eds Riddell R, Jain D (2nd edition), Lippincott Williams & Wilkins, May 2014.
2. Liver Pathology. Surgical pathology clinics. Eds. Kakar, S, Jain D. Elsevier, June 2013.

**Selected Abstracts presented as posters at various meetings**

1. Rottmann, B., Jain, D., Zhang, X., Gurung, A. and Celli, R., 2020, March. Hyaline Globules in Kupffer Cells are more Prominent and Easily Identifiable in Cases of Autoimmune Hepatitis-Induced Cirrhosis versus Cirrhosis of Other Causes. Lab Invest; Vol. 100. SUPPL 1, pp. 1531-1532. (USCAP March 2-6, 2020).
2. Li, H., Patil, P., Kakar, S., Yeh, M., Torbenson, M., Strazzabosco, M., Wu, T. T. Jain D. A Clinicopathologic Study of Multiple Hepatocellular Adenomas in North America. . Lab Invest; Vol. 100. SUPPL 1, pp. 1531-1532. (USCAP March 2-6, 2020).
3. Yasir S, Chen ZE Jain D, Kakar S, Wu TT, Yeh M, Torbenson M . Malignant Transformation of Hepatic Adenomas: Three Distinct Patterns. Lab Invest; Vol. 100. SUPPL 1, pp. 1531-1532. (USCAP March 2-6, 2020).
4. Xia R, Zhang X, Jain D. Computer-Assisted Morphometrical and Statistical Analysis to Differentiate Well-Differentiated Hepatocellular Carcinoma, Hepatocellular Adenoma, and Non-Neoplastic Liver , Lab Invest; Vol. 100. SUPPL 1, pp. 1434-1497. (USCAP March 2-6, 2020).
5. Li H, Nalbantoglu I, Jain D, Zhang X. The Diagnostic Value of HSP70 and Glypican 3 in Hepatocellular Carcinoma: A Revisit. Lab Invest; Vol. 100. SUPPL 1. pp. 1531-1532. (USCAP March 2-6, 2020).
6. Kikuchi, A., Jain, D., Torbenson, M., Wu, T. T., Yeh, M., & Kakar, S. (2020, March). Unclassified Primary Liver Carcinoma Including Intermediate Cell Carcinoma: Proposal for Diagnostic Categories and Criteria for Diagnosis. . Lab Invest; Vol. 100. SUPPL 1, pp. 1527-1528). USCAP March 2-6, 2020.
7. Patil, P., Celli, R., Jain, D., & Zhang, X. (2020, March). HNF-1 beta Immunohistochemistry is More Sensitive and Specific than CRP in the Diagnosis of Cholangiocarcinoma. Lab Invest; Vol. 100. SUPPL 1, pp. 1542-1543. USCAP March 2-6, 2020.
8. Patil P, Torres R, Jain D, Celli R. 3D Morphology Using CHiMP System Multiphoton Microscopy is Equivalent to Light Microscopy to Report in Liver Biopsies. Lab Invest; Vol. 100. SUPPL 1, pp. 1542-1543. (USCAP March 2-6, 2020).
9. Chen, Z. E., Jain, D., Kakar, S., Wu, T. T., Yasir, S., Yeh, M., & Torbenson, M. (2020, March). C-Reactive Protein (CRP) is Superior to Serum Amyloid A (SAA) for Identifying Inflammatory Hepatic Adenomas. Lab Invest; Vol. 100. SUPPL 1, pp. 1512-1512. (USCAP March 2-6, 2020).
10. Patel, N., Clauditz, T., Iwaya, M., Harpaz, N., Lauwers, G., Riddell, R., & Jain, D. (2019, March). Gastric Fundic Gland Neoplasms: A multi-institutional study.cLab Invest; Vol. 99. (USCAP March 16-20, 2019).
11. Patel N, Clauditz T, Iwaya M, Harpaz N, Lauwers G, Riddell R, Jain D. Gastric Fundic Gland Neoplasms: A Multi-institutional Study USCAP March 16-20, 2019.
12. Johncilla M, Zhang X, Jain D, Srivastava A. The Morphological Spectrum of Immune-Checkpoint Inhibitor Associated Gastritis. USCAP March 16-20, 2019.
13. Umetsu S, Joseph N, Cho SJ, Jain D, Deshpande V, Kakar S. Focal Nodular Hyperplasia-like Nodules Arising in the Setting of Hepatic Chronic Vascular Disorders Show Beta-Catenin Activation. USCAP March 16-20, 2019.
14. Olave MC, Nalbantoglu I, Garcia-Tsao G, Jain D. Histologic Sub-classification of Cirrhosis: Comparison of Laennec and Jain-Garcia systems. USCAP March 16-20, 2019.
15. Olave MC, Manrai P, Nalbantoglu I, Jain D. Barbieri A. Push Pin Induced Artifact in Gastrointestinal Specimens: A potential mimicker of iron pill induced mucosal injury. USCAP March 16-20, 2019.
16. Bakhtiar S, Assis D, Jain, D. Histopathological Features of Drug Induced Liver Injury from Tumor Necrosis Factor Antagonists. DDW, May 6, Chicago, 2017
17. GibsonJ, Qin L, DeshpandeV, Jain D. Biliary micorhamartomas (Von-Meyenburg complexes) are frequently associated with intrahepatic and hilar cholangiocarcinomas in liver. EASL, monothematic conference, Oslo, Norway, June 9-11 2017
18. Gibson J, Gurung A, AssisD, BoyerJL, JainD.

Autoimmune hepatitis: Evaluation of specificity of various histological features and development of a modified scoring system. EASL, monothematic conference, Oslo, Norway, June 9-11 2017

1. Wang L, Jain D, Shafizadeh N, Kakar S. Combined Hepatocellular-Cholangiocarcinoma with Stem Cell Features: Pitfalls in Diagnosis. USCAP, March 3-9, San Antonio, TX, 2017.
2. Cheng L, Jain D, Kakar S, Torbenson M, Wu T, Yeh M Hepatocellular Neoplasms Arising in Genetic Metabolic Disorders: Steatosis is a Common Finding in Both Tumor and Background Liver. USCAP, March 3-9, San Antonio, TX, 2017.
3. Celli R, Cai G, Salem R, Tang L, Jain D. Pancreatic Neuroendocrine Tumors Expressing Proinsulin: A Clinicopathologic Analysis. USCAP, March 3-9, San Antonio, TX, 2017.
4. Wu X, Celli R, Jain D, Zhang X. Gastrointestinal Histopathologic Manifestations in Patients with Common Variable Immunodeficiency (CVID). USCAP, March 3-9, San Antonio, TX, 2017.
5. Vyas M, Celli R, Singh M, Patel N, Aslanian H, Farell JH, Boffa D, Jain D. Bile Reflux May Play an Important Role in the Development of Gastroesophageal/Gastric Cardia Intestinal Metaplasia and Carcinoma. USCAP, March 12-16, Seattle, WA, 2016.
6. Vyas M, Patel N, Cho M, Wajapeyee N, Jain D, Zhang X. Glucose Metabolic Reprogramming and Cell Proliferation Arrest in Micropapillary Colorectal Carcinomas. USCAP, March 12-16, Seattle, WA, 2016.
7. Gurung A, Assis DN, McCarty T, Mitchell K, Boyer JL, Jain D. Histological features of Autoimmune Hepatitis: A critical appraisal. USCAP, March 12-16, Seattle, WA, 2016.
8. Vyas M, Cho M, Celli R, Buqu H, Xiting Y, Jain D, Xuchen Z. Clinicopathologic Features of Tumor Infiltrating Neutrophils in MSI-H Colorectal Carcinoma. USCAP, March 12-16, Seattle, WA, 2016.
9. Yan Z, Torbenson M, Corvera C, Jain D, Wu T, Yeh M, Kakar S: Fibrolamellar Carcinoma: Proposal for a New Staging System. USCAP, March 21-27, Boston, 2015
10. Gurung A, Mistry PK, Kakar K, Yeh M, Wu TT, Torbenson M,  Jain D. Etiology of Cirrhosis in the Young . DDW, May 16-19, Washington, DC, 2015.
11. Molecular genetic diagnosis of PFIC3: Overlapping presentation with wilson disease and response to treatment. Boga S, Jain D, Schilsky M. APASL, Istanbul, March 12-15, 2015.
12. Colitis during trientine therapy for Wilson disease: a case report. Boga S, Jain D, Schilsky M. APASL, Istanbul, March 12-15, 2015.
13. Balakrishnan M, Garcia-Tsao G, Yanhong M, Jain D. Hyaline Arteriosclerosis: A Diabetic Complication of the Liver. Washington, DC, AASLD, 2013
14. Alduaij A, Lesniak A, Scott R, Demetris AJ, Garcia-Tsao G, Jain D. Histological features using quantitative morphometric digital image analysis can predict HPVG and help in sub-classification of cirrhosis. DDW 2013.
15. Torrence D, Balakrishnan M, Yaniss R, Lagarde S, Gibson J, Jain D. Fundic Gland Polyps with Dysplasia: Prevalence and Risk Factors. Modern Pathology. 2013: 26 (2): 183A
16. Fu L, Al-Omari A-K, Taddei T, Pollak J, Jain D. Routine Liver Biopsy of the Background Liver is Potentially Useful in Patients with Hepatocellular Carcinoma. Modern Pathology. 2013: 26 (2): 401A
17. Nguyen T, Torbenson M, Wu T-T, Jain D, Yeh M, Shafizadeh N, Kakar S. Morphologic and Immunohistochemical Features of Sarcomatoid Hepatocerllular Carcinoma. Modern Pathology. 2013: 26 (2): 407A
18. Scherl A, Jakab, Moeckel G, Mitchell K, Jain D, Emre S, Robert M. Detecting C4d in Liver Allografts: Immunohistochemistry and Immunofluorescence Show Equivalent Staining. Modern Pathology. 2013: 26 (2): 410A
19. Sethi A, Jain D, Chander B, Kinzel J, Gibson J, Schrader, Hanson JA. Counting Colonic Mast Cells Is Not Diagnostically Useful in Patients with Chronic Diarrhea of Unknown Etiology. Modern Pathology. 2013: 26 (2): 178A
20. Pettus JR, Lefferrts JA, Schulte S, Jain D, Odze RD, A Srivastava. Benign Fibroblastic Polyps (Mucosal Perineuriomas) Harbor BRAF Mutations, but Not in the Stromal Component: A Laser Capture Microdissection Study. Modern Pathology; 2012: 25 (2): 175A.
21. Alexander J, Torbenson, Wu T-T, Kakar K, Jain D, Yeh M. Fatty Liver Contributions to Hepatocarcinogenesis in Non-Cirrhotic Livers. Modern Pathology. 2012: 25 (2): 411A
22. Hanson JA, VanDyke A, Gibson J, Robert M, Jain D, Mitchell KA. Subjective Pathologic Estimates of Viable Tumor in Ablated Hepatocellular Carcinomas (HCC) Are Adequate for Routine Practice and for Radiology/Pathology Correlation Studies. Modern Pathology. 2012: 25 (2): 414A
23. Philips DGK, Jain D, Torbenson M, Wu T-T, Yeh MMC, Kakar S. Comparison of Hepatocellular Markers for Diagnosis of Poorly-Differentiated Hepatocellular Carcinoma: High Sensitivity with Combined Use of Arginase-1 and Glypican-3. Modern Pathology. 2012: 25 (2): 422A
24. Viola A, Jain D, Garcia-Tsao G. Quantitative histological assessment in cirrhosis: septal thickness predicts clinical decompensation. J Hepatol 2009; 50:S94.
25. Jain D, Qin L. Von-Meyenburg complexes are colonic adenoma equivalents in liver. Mod Pathol. 2009: 22: 311A-4109.
26. Rogart JN, Jain D, Siddiqui UD, Oren T, Lim J, Jamidar P, Aslanian A. Narrow Band Imaging Without High Magnification to Differentiate Polyps during Real-Time Colonoscopy: Improvement with Experience San Diego, DDW 2008.
27. Suh N, Jain D, Salem, Robert ME. Pancreatic Intraepithelial Neoplasia is Common at the Periphery of and Can Be Present Within Serous Cystadenomas. Denver, USCAP, March 2008.
28. Yabes A, Burgart L, Jain D, Kakar S. Chromosomal Changes in Fibrolamellar Hepatocellular Carcinoma Determined by Array-Based Comparative Genomic Hybridization.   San Diego, USCAP, March 2007.
29. Selbst M, Ahrens W, Robert ME, Lorber M, Friedman A, Lorber K, Jain D. [Spectrum of Histologic Changes in Colonic Biopsies in Patients Treated with Mycophenolate Mofetil](javascript:remote_window('view.php?nu=USCAP07L_583&terms=','Result',450,530,1);). San Diego, USCAP, March 2007.
30. Kakar S, Chen X, Burgart LJ, Jain D, Ferrell L. [Chromosomal Abnormalities Determined by Comparative Genomic Hybridization Are Helpful in the Diagnosis of Atypical Hepatocellular Lesions](javascript:remote_window('view.php?nu=USCAP07L_1293&terms=','Result',450,530,1);). San Diego, USCAP, March 2007.
31. Geramizadeh B, Salem RR, Jain D, Iyer A, Lacy J, Burtness B, Robert ME. [Severity of Oxaliplatin Induced Hepatic Regeneration Is Dose Dependent](javascript:remote_window('view.php?nu=USCAP07L_1284&terms=','Result',450,530,1);). San Diego, USCAP, March 2007.
32. Iyer AS, Robert ME, Jain D. [Distinct CK7 Staining Pattern in Focal Nodular Hyperplasia and Hepatic Adenoma and Its Diagnostic Significance](javascript:remote_window('view.php?nu=USCAP07L_529&terms=','Result',450,530,1);). San Diego, USCAP, March 2007.
33. Carmack S, Aherns WA, Ravichandran PR, Hui P, Robert ME, Taddei T, Mistry P, Jain D. Sinusoidal lymphocytosis as a marker for cryoglobulinemia in hepatitis C liver biopsies. Gastroenterol. 2006, S1049, A-782.
34. Aherns WA, Robert ME, Finkelstein S, Jain D. Molecular evidence for neoplastic transformation of hepatic Von-Meyenburg complex. Gastroenterol. 2006, 169, A-753.
35. Hakim W, Sheikh S, Inayat I, Bia M, Caldwell C, Jain D, Smith D, Lakkis F, Friedman A, Lorber M, Formica R, Mehal W. Initial HCV response in patients with end stage renal disease treated with combination pegylated interferon α-2a and Ribavirin. Gastroenterol. 2006, T1047, A-462.
36. Aherns WA, Sklar J, Jain D, Patriub V, Lagarde S, Robert ME. PCR for immunoglobulin gene rearrangement detects residual MALT lymphoma in histologically negative gastric biopsies. Gastroenterol. 2006, S1049, A-782.
37. KamathA, BifulcoC, LiW, ConcatoJ and D Jain D Microvessel density in prostatic adenocarcinoma: how relevant are “tumor hot spots”? Mod Pathol. 2006: 19: 659A
38. Sethasine S, Jain D, Groszmann R, Garcia-Tsao G, Quantitative Histological-Hemodynamic Correlation in Needle biopsies of Liver in patient with HCV cirrhosis. Mod Pathol. 2006: 19: 1299A
39. Ahrens W, Dow N, Lasota, Miettinen JM and Jain D. True Smooth Muscle Neoplasms of the Stomach: A Clinicopathologic Study. Mod Pathol. 2006: 19: 454A
40. Dotto J, Healy M, Li W, Li W, Concato J, Jain D. Immunohistochemical detection of VEGF in Prostate Cancer. Mod Pathol. 2005: 18: 631A.
41. Neto T, Robert ME, Salem R, Burtness B, Wu R, Jain D. Morphology and Clinical outcome of residual esophageal carcinoma following neoadjuvant therapy. Mod Pathol. 2005; 18: 515A
42. Marginean EC, M Bennick M, Robert ME, Jain D. Gastric Glandular Siderosis: A Possible Sign of Undiagnosed Hemochromatosis Mod Pathol. 2004;17:510A
43. Kakar S, Burgart LJ, Garcia J, Batts KP, Jain D, Ferrell L. Survival and Immunohistochemical Features of Fibrolamellar Carcinoma: Comparison with Conventional Hepatocellular Carcinoma with and without Cirrhosis Mod Pathol. 2004;17:1273A
44. Nagula S, Jain D, Groszmann RJ, Garcia-tsao L. Histologic-hemodynamic correlations in hepatitis C and other chronic liver diseases-Is there a histologically mild and severe cirrhosis. AASLD, Boston, October 2003.
45. Dranoff JA, Kruglov EA, Toure J, Jhandier N, Jain D, Jean S. The ecto-nucleotidase NTPDASE2 is selectively down-regulated in biliary fibrosis. DDW, Boston, October 2003
46. Batts KP, Burgart LJ, Goldblum JR, Greenson JK, Haber M, Jain D, Lamps L, Lewin DN, Lauwers GY, Montgomery E, Washington K. Sessile Serrated Colorectal Polyp: A Multi-Institutional Incidence Study. Mod Pathol. 2003;16:512A
47. Batts KP, Burgart LJ, Goldblum JR, Greenson JK, Haber M, Jain D, Lamps L, Lewin DN, Lauwers GY, Montgomery E, Washington K. Mixed Hyperplastic/Adenomatous Colorectal Polyps: A Multi-Institutional Incidence Study. Mod Pathol. 2003;16:513A
48. Eslami-Varzaneh F, Robert ME, Kashgarian M, Goldblum JR, Jain D. Benign Fibroblastic Polyps of the Colon: A Histologic, and Immunohistochemical Study. Mod Pathol. 2003;16:529A
49. Mariappan MR, Elefteriades JA, Jain D. Change in rheology as probable cause of intestinal ischemia following correction of an axi-asymetric abdominal aortic aneurysm: a case report. ASAIO Journal. 2002; 48: 197.
50. Calhoun BC, Gomes F, Robert ME, Jain D. Sampling error in the standard evaluation of endoscopic colonic biopsies. Lab Invest. 2001, 81: 82A
51. Olsen D, Brandao G, Gomes F, Jain D, Parkash V. Block rotation in the evaluation of cervical biopsies. Lab Invest. 2001, 81: 142A
52. Tang LH, Hui P, Parkash V, Garcia-Tsao L, Salem R, Jain D. Multiple sporadic hepatic angiolipomata: Evidence for origin of separate clonal proliferation rather than intra-hepatic metastasis. Lab Invest. 2001, 81: 203A
53. Jain D, Zheng DQ, Languino LR. Expression of β-3 integrin in prostate carcinoma metastases. Mod Pathol. 2000; 13:592A.
54. Jain D, Hao L, Moussa K, Culpepper Morgan J, Proctor D. Role of interstitial cells of Cajal in chronic intestinal pseudo-obstruction. Mod Pathol. 2000;13: 466A.
55. Jain D, Kashgarian M, Boron WF, Singh S. Apical barrier to NH3 in human colonic crypts: physiological and morphometric assessment. Poster presentation at Digestive diseases week (DDW), May 2000, San Diego, USA.
56. Crisi GM, Olsen DA, Jain D. Correlation of lymphoid follicles in thymoma with clinical myasthenia gravis. Mod Pathol. 2000; 13:796A.
57. Jain D, Robert ME, Navarro VJ, Friedman AL, Crawford JM. Portal venopathy is a frequent and potentially graft-threatening feature of chronic hepatic allograft rejection. Hepatol. 1998; 28: 2317A
58. Jain D, Homer R, Robert M. Histologic spectrum of Von-Meyenberg complexes, adenomatosis and cholangiocarcinoma. Mod Pathol 1997; 10:145A.
59. Bessinger VJ, Jain D, Ghoussoub R, West AB. Assessment of new methods of hepatic iron measurement. Mod Pathol. 1996; 9:133A.
60. Jain D, Sridevi D, Vashistha RK. Intraglomerular metastasis: a necropsy study. Indian J Pathol Bacteriol. 1995;37: S103.
61. Jain D, Vashistha RK. Pathology of spleen in non-cirrhotic portal fibrosis. Indian J Pathol Bacteriol. 1995; 37: S80.