# CURRICULUM VITAE The Johns Hopkins University School of Medicine

# AHMET GURAKAR, M.D., FACG, FAASLD, AGAF

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#### DEMOGRAPHIC AND PERSONAL INFORMATION

#### **Current Appointments**

2008-present Medical Director of Liver Transplantation, Johns Hopkins University School of Medicine 5/2022-present Professor of Medicine, Division of Gastroenterology and Hepatology, Johns Hopkins

#### Other

2021-2022 Chair, Membership and Communication Committee, International Liver Transplant Society

#### **Personal Data**

Academic	Ross Research Building # 918
	720 Rutland Avenue
	Baltimore, MD 21205
	Tel: 443-287-0985, 410-614-3530
	e-fax: 443-683-8349
	E-mail: aguraka1@jhmi.edu

Transplant The Johns Hopkins Hospital Comprehensive Transplant Center Liver Transplant Office 600 North Wolfe Street, Carnegie 668 Baltimore MD 21287 Tel: 410-614-2989 e-fax: 443-451-8245

#### **Education and Training**

# Doctoral/graduate

1977-1983 M.D. Cerrahpasa Medical School, Istanbul University, Istanbul, Turkey

## Postdoctoral

1 Ostubetor ar	
1985-1987	Research Fellowship, Sleep Disorders Research Center, Baylor College of Medicine, Houston, TX
1987-1988	Internship, Department of Pediatrics, Bellevue Hospital Med Center, New York Univ, New York
1988-1989	Residency, Department of Pediatrics, Bellevue Hospital Med. Center, New York University, NY
1989-1991	Residency, Department of Internal Medicine, Metropolitan Hosp Med Center, New York Med Coll
1991-1993	Fellowship, Division of Transplantation Medicine, Dr. David H. Van Thiel, Thomas Starzl
	Transplantation Institute, University of Pittsburgh, Pittsburgh, PA
1993-1994	Fellowship, Division of Gastroenterology, University of Texas Medical Branch, Galveston, TX
1/97 - 6/97	Fellowship in Advanced Therapeutic Endoscopy, Dr. K. Huibregtse, Department of Gastroenterology
	and Hepatology, Academic Medical Center, University of Amsterdam, The Netherlands

#### **Professional Experience**

1983-1985	Primary Care Physician, Department of Education, Yozgat Province, Turkey
1994-2008	Transplant Hepatologist, Division of Liver Transplantation, N. Zuhdi Transplantation Institute,
	Integris Baptist Med. Center, Oklahoma City, OK
2002-2008	Chief, Hepatology Research, N. Zuhdi Transplant. Institute, Integris Baptist Med. Center, OKC, OK
2002-2007	Program Director, Liver Transplantation Medicine/Hepatology Fellowship, N. Zuhdi Transplant.
	Institute, Integris Baptist Med. Center, Oklahoma City, OK
2007-2008	Visiting Assistant Professor of Medicine Department of Medicine Univ of Oklahoma Coll Med

Visiting Assistant Professor of Medicine, Department of Medicine, Univ of Oklahoma Coll Med. 2007-2008

2008-present	Medical Director of Liver Transplantation, Johns Hopkins Univ Sch of Medicine, Baltimore, MD
2008-2016	Associate Professor of Medicine (PAR), Johns Hopkins Univ Sch of Medicine, Baltimore, MD
2016-2022	Associate Professor of Medicine, Johns Hopkins Univ Sch of Medicine, Baltimore, MD

# **PUBLICATIONS:**

Original Research [OR] (H Index 34) (Citations 4210) \*corresponding author

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- 2. **Gurakar A**, Fagiuoli S, Hassanein T, Kingery L, Wright HI, Ersoz S, Caraceni P, Gavaler JS, Van Thiel DH. Prophylactic Alpha-Interferon Therapy Following Liver Transplantation: Does it Prevent Allograft Infection? Eur J Gastroenterol Hepatol. 1994; 6:429-432.
- 3. **Gurakar A**, Fagiuoli S, Hassanein T, Wright HI, Balkan M, Frezza E, Todo S, Starzl TE, Van Thiel DH. Is Rejection a Diffuse or Localized Process in Small Bowel Transplantation? Surg Endosc.1994; 8(7):762-764.
- 4. Frezza EE, Gerunda GE. Fassina A, De Franchis R, Biffi R, **Gurakar A**, Fagiuoli S, Faccioli AM, Van Thiel DH. NK Activity During Graft Versus Host Disease and Graft Rejection in Rats Following Intestinal Semiallogeric and Allogenic Transplantation with or without Mesenteric Lymphadenectomy. Transplantation 1994; 58 (6): 698-701.
- 5. **Gurakar A**, Fagiuoli S, Gavaler JS, Hassanein T, Jabbour N, Wright HI, Deal SA, Brown M, Carr BI, Van Thiel DH. The Use of Granulocyte-Macrophage Colony-Stimulating Factor to Enhance Hematologic Parameters of Patients with Cirrhosis and Hypersplenism. J Hepatol. 1994; 21(4):582-586.
- 6. Bronsther O, Ersoz S, Tugcu M, Eghtesad B, **Gurakar A**, Rafail A, Todo S, Starzl TE, Van Thiel DH. Liver Transplantation for HBV Related Disease under Immunosuppression with Tacrolimus: An Experience with 78 Consecutive Cases. J Okla State Med Assoc. 1995; 88:103-105.
- 7. **Gurakar A**, Fagiuoli S, Faruki H, De Maria N, Balkan M, Van Thiel DH, Friedlander L. Utility of Hepatitis C Virus RNA Determinations in Hepatic Tissue as an End Point for Interferon Treatment of Chronic Hepatitis C. Hepatology 1995; 22(4):1109-1112.
- 8. Van Thiel DH, Caraceni P, Molloy PJ, Hassanein T, Kania RJ, **Gurakar A**, Friedlander L. Chronic hepatitis C in patients with normal or near normal alanine aminotransferase levels: the role of interferon *a*2b therapy. J Hepatol. 19950 23(5):503-508.
- 9. Van Thiel DH, Friedlander L, Malloy P, Wright HI, **Gurakar A**, Fagiuoli S, Irish W. T-Glutamyl Transpeptidase As A Response Predictor When Using *a*-Interferon To Treat Hepatitis C Hepatogastroenterol. 1995; 42(6):888-92.
- 10. Bayraktar Y, Balkanci F, Kansu E, Dundar S, Uzunalimoglu B, Kayhan B, Telatar H, **Gurakar A**, Van Thiel DH. Cavernous Transformation of the Portal Vein: A Common Manifestation of Behcet's Disease. Am J Gastroenterol. 1995;90(9):1476-9.
- Bayraktar Y, Balkanci F, Ozenc A, Arslan S, Koseoglu T, Ozdemir A, Uzunalimoglu B, Telatar H, Gurakar A, Van Thiel D, Kayhan B. The "Pseudo-Cholangiocarcinoma Sign" in Patients with Cavernous Transformation of the Portal Vein and Its Effect on the Serum Alkaline Phosphatase and Bilirubin Levels. Am J Gastroenterol. 1995;90(11):2015-2019.
- 12. Bayraktar Y, Balkanci F, Uzunalimoglu B, Gokoz A, Koseoglu T, Batman F, **Gurakar** A, Van Thiel DH, Kayhan B. Is Portal Hypertension Due to Liver Cirrhosis a Major Factor in the Development of Portal Hypertensive Gastropathy? Am J Gastroenterol. 1996;91(3):554-8.
- Bayraktar Y, Balkanci F, Kayhan B, Uzunalimoglu B, Gokoz A, Ozisik Y, Gurakar A, Van Thiel DH, Firat D. A Comparison of Chemoembolization with Conventional Chemotherapy and Symptomatic Treatment in Cirrhotic Patients with Hepatocellular Carcinoma. Hepatogastroent. 1996; 43(9):681-7.
- 14. Bayraktar Y, Bayraktar M, **Gurakar A**, Hassanein T, Van Thiel D. A Comparison of the Prevalence of Autoantibodies in Individuals with Chronic Hepatitis and Those with Autoimmune Hepatitis: The Role of Interferon in the Development of Autoimmune Diseases. Hepatogastroent. 1997 Mar-Apr;44(14):417-25.
- 15. <u>Karasu Z</u>, **\*Gurakar A**, Emmett C, Jazzar A, McMillon G, Hulagu S, Wright H. Utilizing Daily Interferon (Alpha 2b) and Ribavirin Combination Therapy in Chronic Hepatitis C: A Preliminary Report. J Oklahoma State Med Assoc, 1999, 92(12):573-577.
- 16. <u>Karasu Z</u>, \***Gurakar A**, Kerwin B, Hulagu S, Jazzar A, McFadden R, Nour B, Sebastian A, Cassidy F, Stokes K, Van Thiel D, Wright H. The Effect of Transjugular Intrahepatic Portosystemic Shunt on the Thrombocytopenia Associated with Cirrhosis. Dig Dis and Sci 2000 Oct; 45(10):1971-6.

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- <u>Karasu Z</u>, Hulagu S, \*Gurakar A, Jazzar A, Kerwin B, Taydas E, McMillon G, Nour B, Sebastian A, Wright H. High Incidence of Noninfectious Esophagitis in Orthotopic Liver Transplant Recipients. J Oklahoma State Med Assoc. 2001 Feb;94(2):43-5.
- 19. <u>Akdogan M</u>, Hassoun BS, **Gurakar A**, El-Sahwi K, Jazzar A, Wright H, Sebastian A, Nour B. Prostatespecific Antigen Levels Among Cirrhotic Patients. Internat J Biolog Markers 2002; 17(3): 161-4.
- 20. <u>Akdogan A</u>, El-Sahwi K, Ahmed U, Rashwan S, Sebastian A, Wright H, Nour B, **Gurakar A**. Experience with Liver Dialysis in Acetaminophen Induced Fulminant Hepatic Failure: A Preliminary Report. Turk J Gastroenterol. 2003 Sep;14(3):164-7.
- 21. <u>Aladag M</u>, **Gurakar**, A, Jalil S, Wright H, Alamian S, Rashwan S, Sebastian A, Nour B. A liver transplant center experience with liver dialysis in the management of patients with fulminant hepatic failure: A preliminary report. Transplantation Proc. 2004;36(1):203-205.
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- <u>Camci C</u>, Akdogan M, Gurakar A, Gilcher R, Rose J, Monlux R, Alamian S, Wright H, Sebastian A, Nour B. The Impact of Total Plasma Exchange on Early Allograft Dysfunction. Transplant Proc. 2004 Nov;36(9): 2567-9.
- 24. <u>Camci C</u>, **Gurakar A**, Rose J, Rizvi S, Wright H, Bader T, Monlux R, Schade R, Nour B, Sebastian A. Liver Transplantation for Hepatitis B in the USA. Transplant Proc. 2005 Dec;37(10):4350-3.
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- 36. Kneuertz PJ, Demirjian A, Firoozmand A, Corona-Villalobos C, Bhagat N, Herman J, Cameron AM, **Gurakar A**, Cosgrove D, Choti MA, Geschwind JH, Kamel IR, Pawlik TM. Diffuse Infiltrative

Hepatocellular Carcinoma: Assessment of Presentation, Treatment and Outcomes. Ann Surg Oncol. 2012; 19(9):2897-907.

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- 43. Nathan H, Herlong HF, **Gurakar A**, Li Z, Koteish A, Choti MA, Bridges JFP, Pawlik TM Clinical Decision-Making by Gastroenterologists and Hepatologists for Patients with Early Hepatocellular Carcinoma. Ann Surg Oncol. 2014; 21(6):1844-51.
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- 45. <u>Tabibian JH</u>, Girotra M, Yeh HC, Singh VK, Okolo PI, Cameron AM, **Gurakar**, **A**; Risk factors for early repeat endoscopic retrograde cholangiography in liver transplant patients with anastomotic biliary stricture. Ann Hepatol. 2015;14(3); 340-347.
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- 47. <u>Trilianos P</u>, Agnihotri A, Ucbilek E, **Gurakar A.** Greater biosynthetic liver dysfunction in patients with Primary Sclerosing Cholangitis may suggest co-existent or impending cholangiocarcinoma. J Clin Transl Hepatol. 2016; 4(1):1-4.
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- 50. <u>Niranjan-Azadi A</u>, Araz F, Patel YA, Alachkar N, Alqahtani S, Cameron AM, Stevens RD, **Gurakar A**. Ammonia level and mortality in Acute Liver Failure; A single center experience. Ann Transplant. 2016; 21:479-83.
- 51. <u>Malik MU</u>, Russell SD, Pustavoitau, Chacko M, Cosar AM, Thompson CB, Trilianos P, Dagher NN, Cameron AM, **Gurakar A**. The Predictors of Post-Transplant Coronary Events among Liver Transplant Recipients. Hepatol Int 2016;10(6):974-982.
- 52. Lee BP, Chen P, Haugen C, Hernaez R, **Gurakar A**, Philosophe B, Dagher NN, Moore S, Li Z, Cameron AM. Three-Year Results of a Pilot Program in Early Liver Transplantation for Severe Alcoholic Hepatitis. Ann Surg. 2017; 265(1):20-29.
- 53. Bowring MG, Kucirka LM, Massie AB, Luo X, Cameron A, Sulkowski M, Rakestraw K, **Gurakar A**, Kuo I, Segev DL, Durand CM Changes in Utilization and Discard of Hepatitis C Infected Donor Livers in the Recent Era. Am J Transplant. 2017;17(2):519-527.
- 54. Saberi B, Dadabhai AS, Durand CM, Philosophe B, Cameron AM, Sulkowski MS, **Gurakar A**. Challenges in Treatment of Hepatitis C among Patients with Hepatocellular Carcinoma, Hepatol. 2017;66(2):661-663.

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- 57. <u>Niranjan-Azadi AM</u>, Kabacam G, Durand CM, Anjum S, Saberi B, Dagher NN, Philosophe B, **Gurakar A**. Single-Center Experience in Pre-transplant Hepatitis C Virus Treatment among Living Donor Liver Transplant Candidates: Bridging the Direct-Acting Antivirals. Ann Transplant. 2017; 22:570-574.
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- 61. Weeks SR, Sun Z, McCaul ME, Zhu H, Anders RA, Philosophe B, Ottmann SE, Garonzik Wang JM, **Gurakar** AO, Cameron AM. Liver Transplantation for Severe Alcoholic Hepatitis, Updated Lessons from the World's Largest Series. J Am Coll Surg. 2018; 226(4):549-557.
- 62. Lee BP, Mehta N, Platt L, **Gurakar A**, Rice JP, Lucey MR, Im GY, Therapondos G, Han H, Victor DW, Fix OK, Dinges L, Dronamraju D, Hsu C, Voigt MD, Rinella ME, Maddur H, Eswaran S, Hause J, Foley D, Ghobrial RM, Dodge JL, Li Z, Terrault NA. Outcomes of Early Liver Transplantation for Patients with Severe Alcoholic Hepatitis. Gastroenterol. 2018;155(2); 422-430.
- 63. **Gurakar A**, Ma M, Garonzik-Wang J, Kim A, Anders RA, Oshima K, Georgiades C, Gurakar M, Ottmann S, Cameron AM, Philosophe B, Saberi B. Clinicopathological Distinction of Low-AFP-Secreting versus High-AFP-Secreting Hepatocellular Carcinomas. Ann Hepatol. 2018;17(6):1052-1066.
- 64. <u>James TW</u>, Shay JES, Furfaro D, Ozseker B, Russell SD, Pustavoitau A, Rizkalla N, Saberi B, Philosophe B, Cameron AM, **Gurakar A**. Cardiac Events within the 30-Day Postoperative Period Is Associated With Increased 1-Year Mortality among Deceased-Donor Liver Transplant Recipients. Exp Clin Transplant. 2019; 17(3):370-374.
- 65. Shaffer AA, Thomas AG, Bowring MG, Rasmussen S, Kucirka L, Alqahtani S, **Gurakar A**, Sulkowski M, Cameron AM, Segev DL, Durand CM. Changes in Practice and Perception of Hepatitis C and Liver Transplantation: Results of a National Survey. Transpl Infect Dis. 2018; 20(6):e12982.
- 66. Haugen CE, McAdams-DeMarco M, Holscher CM, Ying H, **Gurakar AO**, Garonzik-Wang J, Cameron AM, Segev DL, Lai JC. Multi-center study of age, frailty, and waitlist mortality among liver transplant candidates. Ann Surg. 2020 Jun;271(6):1132-1136.
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- 72. <u>Ting PS</u>, Hamilton JP, \***Gurakar A**, Urrunaga N, Ma M, Glorioso J, King E, Toman LP, Wesson R, Garonzik-Wang J, Ottman S, Philosphe B, Sulkowski M, Cameron AM, Durand C, Chen PH. Hepatitis C Positive Donor Liver Transplantation for Hepatitis C Seronegative Recipients. Transpl Infect Dis. 2019;21 (6): e13194.
- 73. <u>Acar S</u>, Akyildiz M, **Gurakar A**, Tokat Y, Dayangac M. Delta MELD as a predictor of early outcome in Adult-to-Adult Living Donor Liver Transplantation. Turk J Gastroenterol. 2020 Nov;31(11):782-789
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# **Proceedings Reports [PR]**

- 1. William R (editor), Gurakar M, Erenoglu E, Demircan O, **Gurakar A** (co-editor). Current Hepatology; 5<sup>th</sup> Symposium for Liver Diseases with International Participants. May 25-26, 1984. Istanbul, Turkey.
- 2. Hepatitis B in Immigrant Populations: Challenging Cases in Primary Care -Jointly presented by Johns Hopkins University School of Medicine and Institute for Johns Hopkins Nursing. **Gurakar A**, Humphreys SL. Steering Committee Co-Chairs, Handout Booklet.
- 3. Improving Care and Outcomes for Patients with Hepatitis C Virus Infection, The AGA and Postgraduate Institute for Medicine. **Gurakar A**, Course Director, Handout Booklet (October-November 2012)
- 4. <u>Latt NL</u>, Alachkar N, Taydas E, Cameron AM, **Gurakar A**. Improved outcomes in overall and kidney graft survival among simultaneous liver-kidney transplant recipients in post-MELD era Does the diagnosis of HCV play a role? Exp Clin Transplant. 2014:12 Suppl 1:45-49.
- 5. **Gurakar A**, Dagher N; How to Expand Donor Pool in Liver Transplatation-2014 Summary. Ex Clin Transplant. 2014; 12 Suppl 1:70-1.
- 6. Taydas E, <u>Malik MU</u>, Dhingra A, Russell S, Chacko M, Cameron AM, Alqahtani S, **Gurakar A**. Role of Coronary Artery calcium Score in identifying occult coronary artery disease in patients evaluated for deceased-donor liver transplant-A preliminary report. Exp Clin Transplant. 2015 Apr; 13 (Suppl 1):30-2.

- 7. <u>Ofosu A</u>, Durand CM, Saberi B, Alqahtani S, Üçbilek E, Belden, M, Cameron AM, **Gurakar A.** Implications of treating hepatitis C virus infection among patients awaiting cadaveric liver transplantation; single center experience. Exp Clin Transplant. 2015; 13 (Suppl 3):7-10.
- Jakhete N, Saberi B, Jonassaint NL, Cosar AM, Luu H, Kim A, Anders RA, Philosophe B, Cameron AM, Gurakar A. Microvascular invasion in Hepatocellular Carcinoma and Liver Transplant. Exp Clin Transplant. 2016; 14 (Suppl 3):14-18.
- 9. <u>Abdelqader A</u>, Kabacam G, Woreta TA, Hamilton JP, Luu H, Al Khalloufi K, Saberi B, Philosophe B, Cameron AM, **Gurakar A**. Pre-Versus post-transplant treatment of Hepatitis C virus with Direct-Acting Antivirals in Liver Transplant Recipients: More issues to be solved. Exp Clin Transplant. 2017; 15(Suppl 1):1-5.
- Mazumder NR, Russell SD, Pustavoitau A, Chacko M, Rizkalla N, Saberi B, Philosophe B, Cameron AM, \*Gurakar A, Naqvi FF. Preoperative Echocardiographic Differences and Transplant Outcomes among Patients Receiving Simultaneous Liver-Kidney versus Liver Transplant Alone. Exp Clin Transplant. 2018; 6(Suppl 1):9-13

# Methods and Techniques, "How I Do It" articles [MT]

- 1. Wright H, Sharma S, Gurakar A, Sebastian A, Kohli V, Jabbour N. Management of biliary stricture guided by the Spyglass Direct Visualization System in a liver transplant recipient: An innovative approach. Gastrointest Endoscopy. 2008 Jun; 67(7):1201-3.
- 2. Saberi B, Hamilton JP, Durand CM, Li Z, Philosophe B, Cameron A, Sulkowski M, **Gurakar A.** Utilization of Hepatitis C RNA-positive Donor Liver for Transplant to Hepatitis C RNA-Negative Recipient. Letter from Frontline, Liver Transplantation. Liver Transpl. 2018 Jan; 24(1):140-143.

#### Media Releases or Interviews [MR]

- 2013 fall Johns Hopkins Medicine –Physician Update The Case for Live Donor Liver Transplants-Interview.
   2013 fall Hopkins Medicine Magazine P.13 The Case for Live Donor Liver Transplants.
   2019 winter Johns Hopkins Inside Tract News from the Johns Hopkins Division of Gastroenterology and Hepatology Johns Hopkins among First to Transplant HCV-Positive Livers into HCV-Negative
  - Patients Interview.

#### **Other Media [OM]**

6/11/14	YouTube - Johns Hopkins Medicine – Liver Transplant Program at Johns Hopkins. 3422 views.
4/08/21	Voice of America – COVID 19 Infection and Liver Transplantation. 1261 views on You Tube

# FUNDING

#### EXTRAMURAL Funding

Current	
8/1/17-7/30/22	"Liver allograft acute cellular rejection: Changes in immune checkpoint inhibitor
	Expression"
	LLF (Living Legacy Foundation)
	\$20,000
	Role: PI (Gurakar)
10/1/21-10/1/22	"A Randomized, Double-Blind, Placebo-Controlled, Phase 2b Study to Evaluate Safety and Efficacy of DUR-928 in Subjects with Alcoholic Hepatitis"
	DURECT Corporation
	\$1,181,027 Budget approved for 25 enrolments. JHH-IRB approval obtained
	on 8/14/2021 IRB00273150
	Role: Johns Hopkins PI (Gurakar)
Previous	
7/14/10-7/1/13	"Morbidity and mortality among HBV-infected/exposed patients who undergo liver transplantation"

00011506 Bristol-Myers Squibb Co \$20,000 Role: PI

#### **CLINICAL ACTIVITIES**

#### **Clinical Focus**

I am a clinical Transplant Hepatologist, heavily focused on the candidate's pre-transplant evaluation, presentation and selection process. I also care for patients in the immediate post-transplant period as well furnishing long-term follow-up care. Responsibilities include daily waiting list management and transfer of patients who require urgent transplantation. I round on the post-transplant inpatient service. I also help oversee the inpatient pre-transplant service. One of my major roles is collaborating and insuring excellent communication between different services which form the Transplant Program. This has been the main reason for the success of the Johns Hopkins Transplant Program.

#### Certification

- 1986 Foreign Medical Graduates Examination in Medical Sciences #351-958-4
- 1987 Federation Licensure Examination (FLEX Exam)

#### Medical, other state/government licensure

- 1989 Connecticut (inactive) #030343
- 1991 Pennsylvania #MD044271 L
- 1993 Oklahoma (expired 11/2008) #18743
- 2005 California (expired 11/2009) #C52073
- 2006 Texas (expired 11/2009) #M3246
- 2008 Maryland #D0068022

#### Boards, other specialty certification

- 1995 American Board of Internal Medicine #135738 (Expired 12/31/05)
- 1998 American Board of Internal Medicine—Subspecialty of Gastroenterology; Recertification (Expired 12/31/18)
- 2006 American Board of Internal Medicine—Subspecialty of Transplant Hepatology; Recertification 2016 (Expires 12/31/26)

#### **Clinical (Service) Responsibilities**

2008-Present	Medical Director, Liver Transplantation
2008-2017	Attending, In-Patient Liver (MEG-Mary Elizabeth Garrett) Service 10-12 weeks/year
2017-Present	Attending, In-Patient Liver (MEG-Mary Elizabeth Garrett) Service 2 weeks/year
2017-Present	Attending, In-patient Post Liver Transplant 9West Surgical Service, 46 weeks/year

#### **Clinical Productivity**

2008-Present My targeted clinical effort is 70%. I manage 375 patients on the Liver Transplant wait list. The number of Liver Transplants performed have been consistently 100 and above during the past few years. This places Hopkins among the top 10 programs in the nation. In Calendar Year (CY) 2015: 100; in CY 2016: 126; in CY 2017: 102; in CY 2018: 120; in CY 2019: 121 and in CY 2020: 111 ( during COVID-19 Pandemic) liver transplants have been performed. Those numbers are above the budgeted projections.

#### **Clinical Draw**

- 2014-2020 9 International patients have been transplanted, 2 of them being Live Donor Liver Transplantation. These patients were referred from Kuwait, Saudi Arabia, Qatar, UAE. We have also listed a patient from Qatar for Live Donor Liver Transplantation.
- 2014 Invited to Saudi Arabia to evaluate a liver transplant candidate, together with the Liver Transplant Surgical Director.
- 2017 Joined a group of Johns Hopkins Physicians as Liver Consultant to evaluate a patient with cirrhosis

at King Faisal Specialist Hospital in Riyadh, Saudi Arabia.

43 of 114 adult liver transplant recipients were referred from other states including PA, VA, WV, NJ, DE, DC, SC, NC, AZ, KY, TX, MO and OK. Patients from other states mostly referred for Early Liver Transplantation for Severe Alcoholic Hepatitis (Hopkins is a National Referral Center for this indication), for Live Donor Liver Transplant or for HIV-to-HIV liver transplantation program.
2020 34 of 104 adult liver transplant recipients were referred from other states

Membership in or examiner for specialty board - None

#### **Clinical Program Building / Leadership**

- 2008-present Medical Director, The Johns Hopkins Liver Transplant Program, Baltimore, MD. In this position, I partner with the Surgical and Administrative Director to oversee the clinical operations of the Johns Hopkins Liver Transplant Program. My responsibilities include regulatory compliance, quality assurance, safety. Additionally, I actively coordinate and participate in community physician outreach communication.
- 2008-2013 I led the Liver Transplant Program through the new regulatory landscape implemented by federal agencies, which included developing policies and procedures, reconfiguring operations, and building a comprehensive quality assessment and performance improvement infrastructure. Through this process, the 1-year patient survival rates of the adult liver transplant program improved from 79.3 to 94.1 percent.
- I helped create the idea of Comprehensive Transplant Unit (CTU), the first inpatient unit at JHH, comanaged by the Departments of Surgery and Medicine. The goal is to improve continuity, consistency, and quality of care through consolidation of abdominal transplant patients, where acute and intermediate level care are managed by a multi-disciplinary team.
- 2014-Present Hopkins Liver Transplant Program become one of the top 10 Program within United States with 375 patients currently on the waiting list for liver transplantation. Total of 121 liver transplants have been performed in 2019 and 111 liver transplants performed during Corona Virus epidemic in 2020. 115 liver transplants performed during the first 9 months of 2021.
- 2019 I have played an important role in the planning phase of the upcoming five-bed Liver Transplant ICU that will be dedicated only to patients with liver disease, a unique concept in our region.
- 2012-present I have played a pivotal role in the establishment of a Live Donor Liver Transplant Program at Johns Hopkins. I was involved in the policy development and growth of the program. We have performed 103 Live Donor Liver Transplants since 2013. Johns Hopkins is currently transplanting 17-20 such cases per year, with the top 10 centers in the United States averaging 20 Live Donor Transplants per year.

# **Clinical Demonstration Activities**

- 7/17/18 Invited to present clinical rounds at University of Oklahoma College of Medicine, Oklahoma City, "Expanding Indications in Cadaveric and Live Donor Liver Transplantation." Also participated in leadership meeting about how to build a medium size liver transplant program.
- 4/09/21 First "Endoscopic Ultrasound (EUS) guided Portal-Systemic Gradient (PPG) measurement" in the State of Maryland, as performed by Dr. Olaya Brewer Gutierrez, in Johns Hopkins Hospital Advanced Gastrointestinal Endoscopy Unit. I played a pivotal role in patient identification and referral for this procedure. This innovative technique can be used in selection of liver transplant candidates who will ultimately require a more detailed work up for Simultaneous Liver-Kidney (SLK) transplantation.

#### Development of nationally/internationally recognized clinical standard of care

JHH is achieving national reputation and recognition for early liver transplantation for severe alcoholic hepatitis with excellent post-transplant outcomes.

# EDUCATIONAL ACTIVITIES

#### **Educational Focus**

My educational focus is on acute and chronic liver disease and management of end-stage liver disease as well as acute liver failure and post-liver transplant patients. I work closely with the Osler residents in the Medical Residency Training

Program at the Johns Hopkins Hospital. I write the liver transplant and acute liver failure section of the Osler Guide. I also work with the Gastroenterology fellows and Liver Transplant Hepatology fellows on similar subjects.

#### Teaching

**Classroom instruction** 

#### JHMI/Regional

2010-Present "Liver Transplant Indications," Gastroenterology and Hepatology Fellows, JHH; "Liver Transplant Evaluations," Gastroenterology and Hepatology Fellows, JHH; "UNOS Policies and liver Allocation system" Gastroenterology and Hepatology Fellows, JHH
 National None

#### **Clinical instruction**

#### JHMI/Regional

2012-2014 Volunteer Instructor, Introduction to Physical Exam, 2<sup>nd</sup> year med students, 2 days a year; Johns Hopkins School of Medicine
 National None
 International None

# **CME** instruction

#### JHMI/Regional

JHMI/Kegio	
2008	"Liver Transplant Update 2008," Johns Hopkins 14th Annual Hepato-Biliary Update, Baltimore MD
2009	"When to refer your Patients for Liver Transplantation," Johns Hopkins 9th Annual Gastroenterology/
	Hepatology, Viva la Vida, San Juan, Puerto Rico.
2009	"How to select Liver Transplant Candidates" & "Acute Liver Failure," Johns Hopkins 35th Annual
	Topics in Gastroenterology and Hepato-Biliary Update Conference.
2010	"Update on Hep B and C," Union Memorial Medical Center, Baltimore, MD.
2010	"What an internist needs to know in liver Transplant" Greater Baltimore Medical Center. Balt MD
2010	"Update on Hep B and C," St. Joseph Hospital, Baltimore, MD.
2010	"Update on Liver Transplantation: Indications and Outcomes" Suburban Hospital-Johns Hopkins
	Medicine, Bethesda, MD.
2010	"How to Handle Acute Liver Failure" 10th Annual Johns Hopkins Gastroenterology and Hepatology,
	San Juan, Puerto Rico.
2010	Liver Transplantation: Latest indications and outcomes" 10th Annual Johns Hopkins
	Gastroenterology and Hepatology, San Juan, Puerto Rico.
2010	"Update on Medical Aspects of Liver Transplantation," Franklin Square Hospital, Baltimore, MD
2011	"Selecting Patients for Liver Transplantation: A Balancing Act" 37th Annual Topics in
	Gastroenterology and Hepato-Biliary Update Conference, Johns Hopkins University School of
	Medicine, Baltimore, MD.
2011	"Hepatitis B and C and Indications for Liver Transplantation" Johns Hopkins Suburban Hospital,
	Bethesda, MD
2012	"Management of Cholangiocarcinoma" 38th Annual Topics in Gastroenterology and Hepatobiliary
	Update conference, Johns Hopkins University School of Medicine, Baltimore, MD.
2013	"Management of Viral Hepatitis among Post-Liver Transplant Patients," 39th Topics in
	Gastroenterology and Hepato-Biliary Update Conference, Johns Hopkins University, Balt MD.
2013	"Selecting the Best Patient for Liver Transplantation" 13th Annual Gastroenterology and Hepatology,
	Johns Hopkins University School of Medicine. San Juan, Puerto Rico
2014	"Update on Liver Transplantation" 14th Annual Gastroenterology and Hepatology Course, Johns
	Hopkins School of Medicine, Section of Gastroenterology and Hepatology, San Juan, Puerto Rico
2016	"Acute Liver Failure" Johns Hopkins 2 <sup>nd</sup> annual Update on Advances in Endoscopy,
	Gastroenterology and Hepatology, Tysons Corner, Virginia.
2017	"Update on Liver Transplantation" Johns Hopkins 43rd Annual Topics in Gastroenterology and
	Hepato-Biliary Update Conference.
2019	"Live Donor Liver Transplantation" Johns Hopkins Annual 45th Topics in Gastroenterology and
	Hepato-Biliary Update Conference, Johns Hopkins University School of Medicine, Baltimore, MD

#### National

2010	"Update on Hep B and C, indications for Liver Transplant," Inova Mt. Vernon Hospital, VA.
2013	"Current Standards of Care for HCV," Expanding Horizons for the Management of Hepatitis C: A
	2013 Update for the Pharmacists. San Diego Convention Center.
2014	"Live Donor Liver Transplantation-2014 Update" Paoli Hospital Med Center, Paoli, PA.
2022	"Liver Transplant in Sickle Cell patients", Society for the Advancement of Transplant Anesthesia,
	DMV Liver Transplant Anesthesia Meeting 2022 – Live Virtual Conference April 23, 2022

#### International None

#### Workshops /seminars

## JHMI/Regional

2018-present Faculty Member, Liver Live Donor Championship Program, Director – Dr. Jacqueline Garonzik-Wang- Division of Transplant Surgery, meet with patients and their potential live Donors, every 3 months at JHH Campus or Virtual

National	None
International	None

# Mentoring

**Pre-doctoral Advisees /Mentees** 

2020- Erik Almazan, medical student, manuscript preparation, Johns Hopkins Univ School of Medicine. coauthored articles OR 81

#### **Post-doctoral Mentees**

2009-2010	James Tabibian, MD, [Osler Resident] Currently Assistant Professor at Division of Gastroenterology and Hepatology, University of California-Davis School of Medicine, Sacramento, CA co-authored
2009-2012	articles OR 32, 34, 45 Mohit Girotra, MD, [Sinai resident], Currently Assistant Professor at Division of Gastroenterology,
	University of Miami Miller School of Medicine, Director of Endoscopy, Miami, FL co-authored articles OR 34, 35, 44, 45
2011-2013	Brian Kim, MD [gastroenterology fellow], currently Assistant Professor of Clinical Medicine, Division of Gastroenterology, Keck School of Medicine of University of Southern California; co- authored article OR 48, 56 CR 14. He has received American College of Gastroenterology, 2011 Presidential Poster "Donor-derived Malignancy in a Liver Transplant Recipient": ACG/AstraZeneca Clinical Vignette Award: 766, under my mentorship
2011-2013	Nyan Latt, MD [GBMC resident], currently Transplant Hepatologist, Ochsner Multi-Organ
	Transplant Institute, New Orleans, LA, co-authored RA 11, 13 BC 6, PR 4
2011-2012	Panagiotis Trilianos, MD, [post-doctoral research fellow] currently practices Internal Medicine/HCV Care, Framingham, MA co-authored articles OR 37, 46, 47, 48, 51
2010-2013	Tinsay Woreta, MD [transplant hepatology fellow] Currently Assistant Professor at Division of Gastroenterology and Hepatology, Johns Hopkins School of Medicine, Baltimore, MD co-authored articles OR 48, 56, CR 14 PR 9
2010-2013	Berkeley Limketkai, MD, [Osler resident & gastroenterology fellow] currently Associate Clinical Professor of Medicine, David Geffen School of Medicine at UCLA, Division of Gastroenterology, Director of Clinical Research, UCLA Center for Inflammatory Bowel Diseases, co-authored articles OR 48, 56, CR 14, in 2010 received Bristol-Myers Squibb Co Virology Fellows Grant under my direction
2010-2015	Po-Hung (Victor) Chen, [gastroenterology fellow, transplant hepatology fellow], currently Assistant Professor of Medicine, Division of Gastroenterology and Hepatology, Johns Hopkins School of Medicine, co-authored articles OR 48, 52, 56, 72, CR 14, 18 GL 5
2011-2018	Neha Jakhete, MD, [Osler resident and transplant hepatology fellow], currently Assistant Professor of Medicine, University of Maryland School of Medicine, Division of Gastroenterology and Hepatology. Co-authored articles OR 60, PR 8. Received American Association for Study of Liver
	16

2011 2012	Diseases Resident Travel Award in 2013 under my mentorship
2011-2013	Yuval Patel, MD, [Osler Resident], currently Assistant Professor of Medicine, Division of Gastroenterology, Duke University of Medicine, Durham, NC. Co-authored OR 50. In 2013 Dr. Patel received American College of Gastroenterology, Best Poster Award, Annual Meeting, San Diego, CA "Can Early Initiation of Continuous Renal Replacement Therapy in Acute Liver Failure Patients with
	Acute Kidney Injury Improve Outcomes" under my mentorship
2012-2013	Umair M. Malik, MD [post-doctoral research fellow], currently Hospitalist, Vice President Medical
	Staff, at UPMC Altoona Hospital, PA. Co-authored articles OR 46, 51, RA 12, 21, 26, PR 6 Dr.
	Umair Malik received American Association for Study of Liver Diseases Travel Award under my mentorship in 2013
2014-2016	Andrew Ofosu, MD, MPH [Harbor Hospital resident] currently Assistant Professor of Clinical
2014-2010	Internal Medicine, University of Cincinnati College of Medicine, OH. Co-authored articles RA 14, PR 7
2015-2016	Abdelhai Abdelqader, MD [Franklin Square Hospital resident] currently clinical instructor and
2013 2010	advanced endoscopy fellow at Robert Wood Johnson University Hospital, co-authored article PR 9
2016-2019	Michele Ma [gastroenterology fellow, transplant hepatology fellow] currently Assistant Professor of
	Medicine, Division of Gastroenterology and Hepatology, Johns Hopkins University School of
	Medicine; co-authored articles OR 60, 63, 72; RA 31; CR 17 GL 5
2017-	Alexandra T. Strauss, MD [gastroenterology fellow, transplant hepatology fellow], 7/2022 will be
	starting as Assistant Professor of Medicine, Division of Gastroenterology and Hepatology, Johns
	Hopkins University School of Medicine; Co-authored article OR 78, 80
2/18-9/18	Cem Simsek, MD, [post-doctoral research fellow], Completed clinical fellowship at Division of
	Gastroenterology, Hacettepe University School of Medicine, Ankara, Turkey. 7/2021 started as
	Bariatric Endoscopy Fellow, Brigham and Women's Hospital, Division of Gastroenterology,
	Hepatology and Endoscopy, Harvard University School of Medicine, Boston, MA. Co-authored
C/10	articles RA 28, 29, 31, 32; CR 17; GL 6
6/18	Elisa Dupuis, NP American Association for the Study of Liver Diseases 2018 NP/PA Clinical
	Hepatology Fellowship Award. This is a one-year award of \$78,000 with term beginning 7/1/18. Currently in practice in Tampa, Florida
2018-2021	Tokunbo Ajayi, MD, [Hospitalist, Howard County Hospital], 8/2020 started fellowship in Division of
2010-2021	Gastroenterology and Hepatology of University of Oklahoma, College of Medicine, Oklahoma City.
	Co-authored article OR 59, 60.
2019	Peng-Sheng (Brian) Ting, MD [gastroenterology fellow, transplant hepatology fellow], 8/2022 will be
_ • - /	starting as Assistant Professor of Medicine, Division of Gastroenterology and Hepatology, Tulane
	University School of Medicine, New Orleans, LA. Co-authored articles OR 72; RA 32, 34, 35, 36,
	37 ; GL 7
2019-2020	M. Baraa Hammami, MD, [advanced hepatology fellow], 7/2020 started fellowship in Division of
	Gastroenterology at University Maryland School of Medicine, Baltimore, MD. Co-authored articles
	RA 32, 34; CR 18, 19, 21
2019-2021	Haris Muhammad, MD [Internal Medicine Resident], Department of Medicine, Greater Baltimore
	Medical Center, Baltimore, MD. Co-authored articles RA 32, 34, 35, 36, 37
2020-2021	Abdul Oseini, MD [transplant hepatology fellow], 10/2021 started as Assistant Professor of
	Medicine and Surgery, Primary Hepatologist, Liver Transplant Program, University of Oklahoma
	College of Medicine, Oklahoma City, OK. Co-authored article CR 23. Dr. Oseini also has been
	selected as an American Journal of Transplantation Editorial Fellow for the 2021-22 year, a highly
2020 2021	competitive position, as nominated by myself.
2020-2021	Amanda Su, MD [Osler Resident], Oral Presentation at ACG (American College of Gastroenterology)
	Virtual meeting- October 2021 - Coronary Artery Calcium Score and All-Cause Mortality in Liver Transplant Recipients: A Retrospective Analysis. Clinical fellow, July 1 2021 at Division of
	Gastroenterology and Hepatology, Johns Hopkins University School of Medicine
2020-2021	Jessica Li, MD [Osler Resident], mentored her for an Oral Presentation at 2021 Virtual Digestive
2020-2021	Diseases Week (DDW), 5/21/2021- Donor BMI and Post-Living Donor Liver Transplantation
	Outcomes

Thesis committees	None
<b>Educational Program Building / Leadership</b>	None
<b>Educational Demonstration Activities</b>	None

#### **RESEARCH ACTIVITIES**

#### **Research Focus**

I am a clinical investigator in Liver transplantation. I have played a pivotal role in the restructuring of the Liver Transplant program at Johns Hopkins to achieve higher volumes, improved outcomes and expand the indications, in close collaboration with Surgery and Hepatology groups. My commitment has paved the groundwork for many studies, including the role of Early Liver Transplantation as the treatment for Severe Alcoholic Hepatitis, liver transplantation from HIV positive donors to HIV positive recipients under the HOPE (HIV Organ Policy Equity) Act, the usage of HCV positive donors to HCV negative recipients.

I receive 5% Grant support for my contributions on research regarding "Early Liver Transplantation as the treatment for Severe Alcoholic Hepatitis".

<b>Research Program Building / Leadership</b>	None
<b>Research Demonstration Activities</b>	Affiliate, Epidemiology Research Group in Organ Transplantation
	(ERGOT), Dorry Segev, MD, PhD - Founder and Director.
Inventions, Patents, Copyrights	None
<b>Technology Transfer Activities</b>	None

#### SYSTEM INNOVATION AND QUALITY IMPROVEMENT ACTIVITIES

#### **System Innovation Focus**

I focused on improving the work-up phase of liver transplantation candidates to make it a more systematic process in an effort to capture the abnormal findings or missing items. This process has ultimately made the selection committee presentations more structured and comply with the national standards. Initially worked on the Teleresults Transplant specific electronic system, together with the transplant administrators to achieve these goals. In 2015, similar efforts made within the EPIC system.

#### System Innovation and Quality Improvement efforts within JHMI

2015-2016 Member - EPIC Transplant Module Development Committee and the lead person in the EPIC Liver Transplant Module Development

System Innovation and Quality Improvement efforts outside of JHMINoneSystem Innovation and Quality Improvement Program Building / LeadershipNone

#### **ORGANIZATIONAL ACTIVITIES**

#### **Institutional Administrative Appointments**

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2008-present	Co-Chair, Johns Hopkins Liver Transplant Selection Committee, lead the weekly meetings
2008-present	Co-Chair, Johns Hopkins Liver Transplant M & M Committee, lead the monthly meetings
2008-present	Member, Johns Hopkins Abdominal Transplant (Liver, Kidney, Pancreas) Quality Assurance and
	Performance Improvement Committee
2008-present	Co-Chair, Johns Hopkins Liver Transplant Pathology Meeting, organize the monthly meetings
2014-present	Co-Chair, Johns Hopkins Live Liver Donor Selection Committee, lead the weekly meetings
2021-2022	Member, Nominating Committee for National Awards and Society Membership, Division of
	Gastroenterology and Hepatology, Department of Medicine, Johns Hopkins University
2022 -	Member, Committee for Specific Gastroenterology Divisional Awards, Gastroenterology and
	Hepatology, Department of Medicine, Johns Hopkins University

#### **Editorial Activities**

#### **Editorial Board appointments**

2012-2019	Member, Editorial Board, Experimental and Clinical Transplantation
2012-present	Editorial Board Advisor (Hepatology), Eurasian Journal of Hepato-Gastroenterology
2014-present	International Associate Editor, Turkish Journal of Gastroenterology

2015-present Academic Editor, Journal of Clinical and Translational Hepatology 2015-2020 Member, Editorial Board, SM Journal of Gastroenterology & Hepatology 2015-2020 Member, Editorial Board, World Journal of Gastroenterology 2018-present Member, Editorial Board, World Journal of Hepatology 2020-present International Associate Editor, Hepatology Forum Member, Editorial Board, Azerbaijani Journal of Surgery 2021-present 2021 Member, Reviewer Board, Hepatoma Research 7/2021 Guest Editor, Special issue on "Post-transplant management of liver Transplantation for patients with Hepatocellular Carcinoma", Hepatoma Research 10/2021 Associate Editor, Journal of Liver Transplantation

#### Journal peer review activities

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2000-present	American Journal of Gastroenterology
2001-present	Transplantation
2002-present	European Journal of Gastroenterology
2006-2015	Digestive Diseases & Sciences
2009-present	Gut
2009-present	Open Journal of Gastroenterology
2010-present	Journal of Hospital Medicine
2010-present	Liver Transplantation
2010-present	Transplant Infectious Disease
2012-2019	Experimental and Clinical Transplantation
2014-2015	Hepato Biliary Pancreatic Diseases International
2015-2016	Drugs in R and D
2015-present	Gastrointestinal Endoscopy
2015-2016	American Journal of Kidney Diseases
2015-2016	Expert Opinion on Pharmacotherapy
2016-present	Gastroenterology and Hepatology
2016-2017	Annals of Surgical Oncology
2016-2017	Journal of Advanced Research
2016 - 2017	Transplant International
2016-2019	Liver International
2017-present	World Journal of Gastroenterology
2017-present	World Journal of Hepatology
2017-present	Clinical Transplantation
2017-present	Oncotarget
2017-present	Hepatology
2018-present	American Journal of Transplantation
2018-present	Alcohol and Alcoholism
2019-present	American College of Gastroenterology Case Reports Journal
2019-present	Hepatology Communications
2020	Canadian Journal of Gastroenterology
2020	Scientific Reports
2020	Quantitative Imaging in Medicine and Surgery (QIMS)
2020	Digestive Diseases
2020	Open Journal of Gastroenterology
2020-2023	Journal of Hepatology
2021	Journal of Transplantation
2021	The Euroasian Journal of Medicine
2021	Transfusion and Apheresis Science
2021	International Journal of General Medicine
2022	Expert Review of Gastroenterology and Hepatology

Advisory Committees, Review Groups/Study Sections

2017	Reviewer for European Research Council Executive Agency
2019-2022	Voting Member, UNOS National Liver Review Board, Region 2
2019	Chair for Acute Liver Failure and Artificial Liver Support: A01 Acute Liver Failure and
	Artificial Liver Support, DDW (Digestive Diseases Week) 2020 Abstract Reviewer
2020	Abstract Review Chair for AASLD The Liver Meeting Digital Experience <sup>™</sup> 2020
2020	Reviewer, American Transplant Congress Virtual Connect 2021
2020	AASLD Abstract Review for DDW 2021
2021	Voting Member, UNOS National Liver Review Board - Appeal Review Team (ART)
2021	Abstract Review Chair for AASLD The Liver Meeting 2021. Category: Acute Liver Failure and
	Artificial Liver Support.
2021	Abstract Reviewer, American Transplant Congress 2022. Category: Liver: Cirrhosis - Portal
	Hypertension and Other Complications
2022	Abstract Review Chair for AASLD The Liver Meeting 2021. Category: Acute Liver Failure and
	Artificial Liver Support.
2022	International Advisory Board Member, Transplant Immunology Research Center of Excellence, Koc
	University, Istanbul, Turkey.

# **Professional Societies**

Troicssional Societies		
1992	Founding Member, Turkish Liver Foundation	
1993	Member, Turkish Association for the Study of Liver (TASL)	
1994-present	Member, American Association for the Study of Liver Diseases (AASLD)	
	2015 American Association for the Study of Liver Diseases Advancement to Fellowship	
	2022 - Member-At-Large, Streeting Committee, Liver Transplantation and Surgery SIG (Specific	
	Interest Group)	
1994-present	Member, American Gastroenterology Association (AGA)	
	2014-2017 Member, American Gastroenterology Association (AGA) Research Awards Panel	
	2016 Review Panel Chair, AGA Rustgi International Travel Award-Review Panel	
	2022 American Gastroenterology Association Advancement to Fellowship	
1994-present	Member, American College of Gastroenterology (ACG)	
	2005 American College of Gastroenterology, Advancement to Fellowship	
	2012-2018 Member, American College of Gastroenterology Patient Care Committee	
	2021-2024 Member, American College of Gastroenterology Digital Communications and	
	Publications Committee	
1999-present	Member, International Liver Transplant Society (ILTS)	
	2018-2019 Member, Membership and Communication Committee	
	2019-2021 Co-chair, Membership and Communication Committee	
	2021- Member, Steering Committee, Acute Liver Failure Special Interest Group (SIG)	
2003	Member, European Association for the Study of the Liver	
2006	Member, American Society of Transplantation	
2019	Member, International Steering Committee of Eurasian Gastroenterological Association	
2020	Member, The Transplantation Society	

# **Conference Organizer** JHMI/Regional

2010	Activity Director, "Evening with the Experts Educational Series," Johns Hopkins Liver Rounds,
	Columbia, MD
National	
11/04	Co-Director, "Recurrent Hepatitis B and C in Liver Transplantation" International Symposium
	Course, Nazih Zuhdi Transplant Institute Integris Baptist Medical Center, Oklahoma City, OK

11/05	Director, "Liver Functions, Disease Processes, Signs and Symptoms of Liver Disease" - 2nd Annual
	Nazih Zuhdi Transplant Institute Symposium, Integris Baptist Medical Center, Oklahoma City, OK
2009 -2010	Steering Committee Chair, "Hepatitis B in Immigrant Populations: Breaking Barriers and Improving
	Outcomes," Johns Hopkins Medicine, Baltimore. MD. CME program Series
11/12	Course Director, "Improving Care and Outcomes for Patients with Hepatitis C Virus Infection," Co-
	Sponsored by American Gastroenterology Association and Post Graduate Institute for Medicine

#### International

6/04	Co-Director, "New Approach in the Treatment of Hepatitis B" International Symposium, Istanbul,
	Turkey, (Turkish Association for the Study of Liver Diseases, Istanbul, Turkey)
6/11	Co-chair, "Selecting Patients for Liver transplantation: Who, When and Unusual Cases-Global
	perspectives on Screening and Treatment of Liver cancer, Innovations in Gastroenterology: A 3-day
	Scientific Symposium Featuring Updates on Hepatology, Endoscopic Ultrasound and NOTES,"
	Bezmialem Foundation Medical School, Istanbul, Turkey
3/15	Co-Director, Liver Transplant Course, Asia Pacific Association for the Study of Liver Diseases, 24th
	Annual Meeting, Istanbul, Turkey
5/15	Transplantation Society Congress 2020, Istanbul, Turkey. Bidding Committee Member;
11/17	Transplantation Society Congress 2022, Istanbul, Turkey. Bidding Committee Member;
3/19	American Association for the Study of Liver Diseases-Turkish Association for Study of Liver
	Connect Regional Meeting, Course Organizer, Istanbul, Turkey.
9/21	Middle East Society for Organ Transplantation 17 <sup>th</sup> Congress, September 3-5, 2021, Amman, Jordan,
	Member, Scientific Program Sub-Committee on Liver Transplant
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# **Session Chair**

JHMI/Regional

2008 Liver Session Chair, Johns Hopkins 34th Annual Topics in Gastroenterology Conference, Baltimore, MD

# National

11/20	Parallel Session 19: Acute / Acute on Chronic Liver Failure. American Association of the Study of
	Liver Diseases, The Liver Meeting Digital Experience 2020, Session Moderator

#### International

3/15	Liver Transplant Course, Course Co-Chair, Asia Pacific Association for the Study of Liver Diseases,
	24th Annual Meeting, Istanbul, Turkey
3/18	"Liver Transplant in Severe Alcoholic Hepatitis," Moderator, Post Graduate Course, Asian Pacific
	Association for the Study of Liver Society, New Delhi, India.
05/07/21	"Hepatitis B and Liver Transplantation," Session Chair, The 2021Virtual Congress of International
	Liver Transplant Society (ILTS)
06/25/21	International Liver Symposium "Benign and Malignant Tumors in Liver with and without cirrhosis".
	Session 4 Chair. June 24-25, 2021. Turkic World Transplantation Society Virtual Meeting
09/05/21	Session 10 Chair. September 3-5, 2021. Middle East Society for Organ Transplantation 17th
	Congress (Virtual), Amman, Jordan
05/07/22	Session Chair, Transplant Oncology Symposium, International Liver Transplantation Society 2022
	Annual Congress, Istanbul, Turkey and Online, May 4-7, 2022.

#### **Consultantships**

2014-2015 Consultant to the Medical Director of N. Zuhdi Transplant Institute, Integris Baptist Medical Center, OKC, OK. My responsibilities included guidance in the development of a Transplant Hepatology Program and physician selection/recruitment. Also assisted in outcomes and quality improvement projects with in the program.

#### RECOGNITION

# Awards, Honors

2018	Top Doctors Award, Gastroenterology and Hepatology, Baltimore Magazine.
2020	Top Doctors Award, Gastroenterology and Hepatology, Baltimore Magazine

# **Invited Talks**

JHMI/Region	al
10/5/11	"Hepatitis B and C," Sentara Hospital Potomac, Woodbridge VA
1/18/12	"Hepatitis C Treatment," Southern Maryland Hospital Center, Clinton, MD
4/25/12	"New Treatment options in Hepatitis C and Indications for Liver Transplantation," Prince George's
	Hospital Center, Cheverly, MD
6/29/12	"New Treatment Options in Hepatitis B/C and Indications for Liver Transplantation," Peninsula
	Medical Center, Salisbury, MD
2/7/13	"Hepatitis B/C Update and Indications for Liver Transplantation" Shady Grove Adventist Hospital,
	Rockville, MD
2/14/13	"Hepatitis B/C Update and indications for liver Transplantation," Maryland General Hospital,
	Baltimore, MD
9//13	"Liver Transplantation 2013," MedStar Harbor Hospital, Baltimore, MD
10/23/13	"Hepatitis B and C, 2013 Update and Indications for Liver Transplantation," Dimensions Health
	System, Prince George's County Hospital, Cheverly, MD
2/12/14	"Liver Transplantation Hepatitis B and C Update 2014," University of Maryland St. Joseph Medical
	Center, Baltimore, MD
2/13/14	"Hepatitis C Update and Liver Transplantation," University of Maryland, Midtown Campus,
	Maryland General Hospital, Baltimore, MD
3/26/14	"Update on Hep B/C and Liver Transplantation," Sentara Hospital Med Center, Woodbridge, VA
4/24/14	"2014 Update, Hep B/C and Liver Transplantation," Shady Grove Adventist Hospital, Rockville, MD
5/14/14	"Hep B and C and Liver Transplantation," Medstar Good Samaritan Hospital, Baltimore, MD
11/26/14	"Hepatitis C Update and Liver Transplantation," Medstar Good Samaritan Hosp, Baltimore, MD
11/11/15	"Hepatitis C 2015 Update and Liver Transplantation," Medstar Good Samaritan Hosp, Baltimore,
National	
7/06	"Application of Total Plasma Exchange in Liver Transplant Intensive Care Setting." University of
	Arkansas Liver Transplant Program, Little Rock, AR
9/06	"Hepatitis C Risk Factors and Reasons to Treat," Hepatitis C Treatment Management Forum-Indian
	Health Service, Oklahoma City, OK
11/10	"What a Gastroenterologist needs to know in Liver Transplantation" William Beaumont Hospital,
	Royal Oaks, MI
10/5/12	"Update on Hepatitis C/B and Indications for Liver Transplantation," Lankenau Hospital Medical
	Center, Wynnewood, PA
9/18/13	"Update on Hep B & C and indications for Liver Transplantation," Redington Fairview Hospital
	Skowhegan, ME
1/21/14	"How and when to refer to Liver Transplantation; 2014 Update," Harlem Hospital Center, New York
12/2/14	"Acute Liver Failure" Harlem Hospital Center, New York
11/17/19	"Early Liver Transplantation for Severe Alcoholic Hepatitis" Liver Symposium, Virginia Tech
	Carillion Medical School, Roanoke, VA
08/31/21	"Liver Transplantation for Acute Alcoholic Hepatitis – Hopkins Experience" The Transplant Center,
	Presbyterian/St Luke's Medical Center, Denver, CO (Virtual)
International	
4/01	"Liver Dialysis Systems," EGE (Agean) University Liver Transplantation Days I, Izmir, Turkey
9/03	"Pulmonary Hypertension among cirrhotic patients "International Association of Surgeons and
	Gastroenterologists Meeting, Athens, Greece
11/5/05	"Treatment of Acute Liver Failure by high volume plasmapheresis," Agean University Liver
	Transplantation Days III, Izmir, Turkey
6/14/08	"Update on MELD 2008" Twilight Zone in Hepatology" Turkish Association for the Study of Liver

6/14/08 "Update on MELD 2008" Twilight Zone in Hepatology" Turkish Association for the Study of Liver Diseases (TASL) and Turkish Liver Foundation Scientific Meeting, Istanbul, Turkey

6/10/09	"Post Liver Transplant Hepatitis C Recurrence" & "Preparation of Patient to Liver Transplantation, Update" 7 <sup>th</sup> National Hepatology Congress, Turkish Association for the Study of Liver Diseases, Izmir, Turkey
9/25/09	"MELD and its Exceptions," 6 <sup>th</sup> Hepatogastroenterology Congress, Belek, Antalya, Turkey
4/6/10	"Medical Management of Patients Post Liver Transplantation," Abu Dhabi, UAE
4/7/10	"Post-Transplant Liver Care in Satellites," Johns Hopkins-Tawam Hospital Medical Center, Al-Ain, UAE
5/28/10	"Prognostic factors in End Stage Liver Disease: Is MELD the best?" 3rd School of Hepatology, TASL, Izmir, Turkey
6/3/10	"New Trends in the management of Hepatocellular Carcinoma," Johns Hopkins-Anadolu Health Center, Gebze, Turkey
6/6/11	"Approach to elevated liver function tests following liver transplantation" & "Post Liver Transplant Metabolic Syndrome" 8 <sup>th</sup> TASL Liver Congress, Ankara, Turkey
9/30/11	"Newer Indications of Liver Transplantation" 8 <sup>th</sup> Hepato-Gastroenterology Congress-HEBIPA, Antalya, Turkey
9/28/12	"Acute Liver Failure and Treatment Options," 9th Annual Hepato Gastroenterol Congress, Cyprus
11/23/12	"Acute Liver Failure and the medical approach," 29th National Gastroenterology Week, Antalya, Turkey
5/28/13	"How to increase the Donor Pool in Liver Transplantation," 9th Congress Turkish Association of Study of Liver Disease, Turkey
9/27/13	"Patient selection in Liver Transplantation," 10th Annual Hepato Gastroenterol Congress, Cyprus
12/7/13	"Improved Outcomes in overall and kidney graft survival among Simultaneous Liver-Kidney Transplant recipients in post-MELD era-does the diagnosis of HCV play a role?" & "How to expand
	donor pool in Liver Transplantation U.S. Experience," 25 <sup>th</sup> Anniversary of Liver Transplantation, Past, Present and Future, Organized by Turkish Transplantation Society, Turkey
9/11/14	"The role of underlying liver disease as a predictor of occult coronary artery disease among liver
	transplant candidates," 14th Congress of Middle East Society of Organ Transplantation, Istanbul, Turkey
11/28/14	"Immunosuppression in Liver Transplantation" 31 <sup>st</sup> National Gastroenterol Week, Antalya, Turkey.
3/12/15	"Management of Abnormal Liver Function Tests During the Late Post-Transplant Period" Liver Transplant Course, Asia Pacific Association for the Study of Liver Diseases, 24 <sup>th</sup> Annual Meeting, Istanbul, Turkey
4/23/15	"Memories from the 1st EASL Meeting, April 23, 1966, in Marburg, Germany," 50th European Association for the Study of Liver Annual Meeting, Vienna, Austria.
5/21/15	"Implications of treating Hepatitis C Virus infection among patients awaiting Liver Transplantation" 1st Congress of the Turkic World Transplantation Society, Astana, Kazakhstan
5/29/15	"Post-Transplant Management of Hepatitis C Infection" Prof. Dr. Muzaffer Gurakar Lectureship. Turkish Association for the Study of Liver Diseases, Istanbul, Turkey
9/12/15	"Liver Transplantation in Hepatitis C" Third Turkish-German Transplantation and Surgical Symposium, Inonu University and Justus-Liebig-Universitat Giessen, Malatya, Turkey
9/18/15	"Hepatitis C treatment in Liver Transplantation" First Turkey-Azerbaijan Hepatology Course, Turkish Liver Foundation and Azerbaijan Medical University, Istanbul, Turkey
11/27/15	"Hepato Pulmonary Syndrome and Porto Pulmonary Hypertension," Prof. Dr. Muzaffer Gurakar Lecture, 32 <sup>nd</sup> National Gastroenterology Week, Antalya, Turkey.
6/2/16	"Indicators of Microvascular Invasion in Hepatocellular Carcinoma: When Milan Is Not Enough" Joint Congress of Turkish Transplantation Society and Turkic World Transplantation Society, Baku, Azerbaijan
9/24//16	"Impact of pre-liver transplant HCV treatment with DAA on post-transplant survival-single center experience" Congress of Middle East Society of Transplantation (MESOT), Amman, Jordan
11/25/16	"Liver Transplant update-2016" 33rd Turkish Gastroenterology Week, Antalya, Turkey
3/3/17	"Virus Induced Acute Liver Failure" Turkish Association for the Study of Liver Diseases –AASLD Joint Meeting, Istanbul, Turkey.
3/4/17	"Treatment Strategies after HCV recurrence: What challenges remain?" Turkish Association for the Study of Liver Diseases –AASLD joint Meeting, Istanbul, Turkey

4/8/17	"Immunosuppression in Liver Transplantation" 14th Gastro Hepatology Days, Antalya, Turkey
9/28/17	"Transplantation for Fulminant Liver failure" 1st International Advanced Liver and Pancreas Surgery
	Symposium. International Society of Liver Surgeons (ISLS), Ankara, Turkey
9/30/17	"Hepatitis C and Liver Transplantation" 3 <sup>rd</sup> Hepatology School, Turkish Liver Foundation and
	Azerbaijan – Baku Medical School, Istanbul, Turkey
11/2/17	"Coronary Artery Calcium Score for cardiac risk stratification among Liver Transplant Candidates"
	Congress of the Turkic World Transplantation Society, Ankara, Turkey
12/2/17	"Liver Transplant Update -2017" 34th Turkish Gastroenterology Week, Antalya, Turkey
1/5/18	"Liver Transplant Update" Liver Transplant Program, Guayaquil, Ecuador
3/14/18	"Best Practice of Immunosuppression for Liver Transplantation." Post Graduate Course. Asian
	Pacific Association for the Study of Liver (APASL), New Delhi, India
9/5/18	"Clinical Characteristics and Outcomes in Primary Sclerosing Cholangitis Following Liver
	Transplantation: A single center Experience" 16 <sup>th</sup> Congress of Middle East Society for Organ
	Transplantation, Ankara, Turkey
9/6/18	"Prognostic Factors in Recurrence of Hepatocellular Carcinoma Following Deceased Donor Liver
)/0/10	Transplantation," 16 <sup>th</sup> Congress of Middle East Society for Organ Transplantation, Ankara, Turkey
9/28/18	"The Treatment of HCV in Liver Transplantation in the Direct Antivirals era" Asian Pacific
)/20/10	Association for the Study of the Liver (APASL), Single Topic Conference, Istanbul, Turkey
10//18	"Acute Liver Failure: Do we need Liver Support Systems?" 1 <sup>st</sup> International Transplant Network
10//10	Congress, Antalya, Turkey
11/23/18	"Nutrition among Liver Transplant Candidates" 35 <sup>th</sup> Turkish Gastroenterol Week, Antalya, Turkey
3/15/19	"Opportunities for Hepatology training in the US" Turkish Association for Study of Liver Diseases,
5/15/19	
	American Association for the Study of Liver Diseases (AASLD)-Connect Regional Meeting,
3/16/19	Istanbul, Turkey "HCV and Liver Transplantation" Turkich Association for Study of Liver Diseases. AASLD Connect
5/10/19	"HCV and Liver Transplantation" Turkish Association for Study of Liver Diseases, AASLD-Connect
2/20/10	Regional Meeting, Istanbul, Turkey
3/29/19	"Living-donor Liver Transplantation – USA Perspective" 17 <sup>th</sup> Eurasian Congress of Hepato
5/1/10	Gastroenterology and Surgery, Split, Croatia
5/1/19	"Hepatitis C: Treatment Decisions May be Different in Cadaveric and Living Donor setting"
	International Liver Transplant Society - Turkish Association for the Study of Liver Diseases
5/10/2010	Combined meeting, Antalya, Turkey
5/19/2019	"Psychological aspects of patients with Severe Alcoholic Hepatitis presenting for Early Liver
	Transplantation evaluation." International Liver Transplant Society (ILTS), 25th Annual Meeting,
0/11/10	Toronto, Canada
9/11/19	"Update on Liver Transplantation in 2019 – Newer Aspects" XVIII International Eurasian Congress
215/20	of Surgery and Hepato Gastroenterology, Baku, Azerbaijan
3/5/20	"HIV positive Donor Liver Transplantation Situation," Asian Pacific Association of The Study of
0/5/00	Liver, Bali, Indonesia (Canceled due to CORONA Virus Pandemic)
3/6/20	"Liver Transplantation in Alcoholic Liver Disease," Asian Pacific Association of The Study of Liver,
	Bali, Indonesia (Canceled due to CORONA Virus Pandemic)
4/18/20	"Status of Liver Transplantation in the West." 19 <sup>th</sup> Eurasian Congress of Hepato-Gastroenterology
	and Surgery, Naples, Italy (Canceled due to CORONA Virus Pandemic)
11/9/20	"Livers from HCV Positive Donors" Collaborative Transplant Study Expert Meeting, Innovative
	Approaches in Organ Transplantation, University of Heidelberg, Germany. (Canceled due to
	CORONA Virus Pandemic)
11/9/20	"Early Liver Transplantation for Severe Alcoholic Hepatitis-Hopkins Experience," Collaborative
	Transplant Study Expert Meeting, Innovative Approaches in Organ Transplantation, University of
	Heidelberg, Germany. (Canceled due to CORONA Virus Pandemic)
01/16/21	Panelist "General Hepatology; Case-based panel discussion" American Association for Study of
	Liver Diseases-Turkish Association for Study of Liver Diseases (AASLD-TASL) Digital Hepatology
	Connect, January 15-16 2021
05/05/21	"Hot Topics in Viral Infections (HCV, HBV and HEV) and Liver Transplantation," Round Table
	Discussion, Moderator, the 2021Virtual Congress of International Liver Transplant Society (ILTS)
05/28/2021	"Transplanting the patient with Acute Alcoholic Hepatitis" the 2021 Virtual ILTS (International

	Liver Transplant Society)/TASL (Turkish Association for Study of Liver Diseases) Joint Meeting
06/24/21	"Long term outcomes of Live Donor versus Deceased Donor Liver Transplantation for Hepatocellular
	Carcinoma in Unites States". International Liver Symposium on Benign and Malignant Tumors in
	Liver with and without cirrhosis. June 24-25, 2021. Turkic World Transplantation Society Virtual
	Meeting
07/10/2021	"Hepatitis B management among Liver Transplant patients; Future prospects". International Virtual
	HBV Symposium, Moderators; G. Lau-Hong Kong & N. Ormeci-Istanbul
09/05/2021	"Donor BMI and Living Donor Liver Transplantation Outcomes". Middle East Society for Organ
	Transplantation 17th Virtual Congress (Virtual), Amman, Jordan
11/07/2021	"Investigation for Fatty Liver in Living Donor with High BMI". Euroasian Gastroenterological
	Association, 18th Annual Virtual Conference, Dhaka, Bangladesh
12/11/2021	"Liver Transplantation in Developing Countries". Virtual Symposium on Hepatitis B-C and Liver
	Cancer in Viet Nam, JHU Center of Excellence for Liver Disease in Viet Nam.
05/04/2022	"Acute Liver Failure and Geographic Controversies" International Liver Transplantation Society
	2022 Annual Congress, Istanbul, Turkey and Online, May 4-7, 2022.
07/28/2022	"Living Donor Liver Transplantation: A Curative Option for Liver Cancer Treatment" Virtual
Symposium of	on Hepatitis B-C and Liver
	Cancer in Viet Nam: Current Status and Future Directions, JHU Center of Excellence for Liver

Disease in Viet Nam.

# Visiting Professorships

3/27/18	"Role of Transplant Hepatology in Liver Transplant Programs and newer indications for Liver
	Transplantation," Gastroenterology Department, University of Texas, McGovern Medical School,
	Houston, Texas.

12/13/18 "The Expanding Indications in Liver Transplantation," Division of Gastroenterology and Hepatology, University of Massachusetts Medical School, Worchester, MA