

Curriculum Vitae

Michel Henry Mendler MD, MS.

Associate Professor of Medicine
Loma Linda University, Department of Medicine
Division of Gastroenterology – Transplantation Institute

A Personal Information:

Business Address LLUMC Division of Gastroenterology
11234 Anderson Street
Loma Linda, CA, 92354

B Education

High School Santa Monica High School, 1981.

University UCLA, BS in Biochemistry, 1985.
University of Rennes, France, MS (DEA) in Molecular Biology, 1999.

Medical School University of Rennes Medical School, France. Equivalent USA MD, 1992.

Residency/Fellowship Rennes University Hospital, France: Internal Medicine, Nov 92-April 93.
Limoges University Hospital, France: Radiology, May 93-Oct 93.
Limoges University Hospital, France: GI and Liver, Nov 93-Oct 96.

Licensure/Certification France/California

C Professional Background

Academic appointments

Assistant Professor, Liver Unit/Rennes University Hospital, France 1996-1998.
Assistant Professor of Clinical Medicine, USC Division of GI and Liver Disease, Feb 2000-July 2005.
Associate Professor of Medicine, LLUMC Division of Gastroenterology, August 2005 to date.

D Past and Present Professional Activities/Privileges

In France:

Clinical Gastroenterology and Hepatology, Liver Transplantation; performed routine GI endoscopy, liver ultrasound scan, hepatic tumor biopsy and intra-tumoral therapy.

Rancho Los Amigos Liver Unit (1999-2003), LAC+USC Medical Centers, Keck School of Medicine (1999 - to date):

Clinical privilege in Internal Medicine, Gastroenterology, Hepatology and abdominal ultrasound; routinely perform diagnostic and therapeutic upper and lower GI endoscopy, PEG tube placement and ultrasound-guided liver biopsy.

Chief of ambulatory liver biopsy clinic, Rancho Los Amigos.
Co-chief of Hepatitis Clinic, LAC General Hospital.
Co-Chief of Liver Clinic, Roybal Comprehensive Health Center (LAC-USC Health Network).
Attending on Liver Ward, Rancho Los Amigos Liver Unit.
Co-chief of Gastroenterology Clinic and consultation service, Rancho Los Amigos Medical Center.

Liver Rounds at Rancho Los Amigos Medical Center, lectures to rotating medical students, lectures and curriculum at the Keck School of Medicine.

Liver transplantation/General Hepatology at USC (October 2003 – July 2005)

Full privileges in internal medicine, gastroenterology, hepatology, liver transplantation (medical aspect): admitting, outpatient services, endoscopy and liver biopsy.

Attending on Liver Transplantation Service.

Attending in general hepatology, pre and post-transplantation clinics.

Attending on Liver Consult Service at LAC+USC General Hospital

Chief of LAC+USC ambulatory liver biopsy clinic

Chief of LAC liver clinic

Attending on Internal Medicine service at LAC+USC General Hospital

Liver transplantation/General Hepatology at LLUMC (August 2005 to date)

E Society/Committee Memberships

Clinical Research Group in Hepatology, INSERM Unit 522, France: 1996 -1999.

SNFGE (French Society of Gastroenterology), 1998- 2000.

AFEF (French Association for the Study Of Liver Diseases), 1999 - 2001.

AASLD (American Association for the Study of Liver Diseases), December 2000 to date.

USC/UCLA Research Center for Alcoholic Liver and Pancreatic diseases, 2001 to date.

USC General Clinical Research Center: Medical Research Advisory Board: 2004 – 2005.

F Research Activities

Major Areas of Research Interest:

Nonalcoholic fatty liver disease (NAFLD).

Complications of cirrhosis and liver transplantation

Alcoholic Liver Disease

Research in Progress:

1)PROJECT TITLE: RCT of SAME in Alcoholic Liver Disease

TYPE: Translational, prospective randomized controlled trial

FUNDING: NIH

PI: M. Mendler M.D.

CO-INVESTIGATORS: Bruce Runyon M.D., Zeid Kayali M.D., Gary Kanel M.D, Shelly Lu M.D

HOUSE STAFF PARTICIPATING: TBD

STATUS: Starting November 2006

2) PROJECT TITLE: ImmuKnow™, Cylex® Immune Cell Function Assay: value in predicting allograft rejection and recurrent disease in liver transplantation patients.

TYPE: Retrospective

FUNDING: none

PI: M. Mendler M.D.

CO-INVESTIGATORS: Zeid Kayali M.D., Edson Franco M.D., Okechukwu Ojogho M.D.

HOUSE STAFF PARTICIPATING: Hanson. Kwok M.D., Nancy Chang Pharm.D.

STATUS: Active

3) PROJECT TITLE: Instant bedside diagnosis of spontaneous bacterial peritonitis using leukocyte esterase reagent strips: development of a test strip adapted to ascitic fluid and validation by comparison to ascites cytology and two strips used in urine analysis.

TYPE: Prospective

FUNDING: Serim Research Corporation, Indiana.

PI: M. Mendler M.D.

CO-INVESTIGATORS: Arun Agarwal Ph.D., Bruce Runyon M.D., Zeid Kayali M.D., Edson Franco M.D., Okechukwu Ojogho M.D.

HOUSE STAFF PARTICIPATING: TBD

STATUS: Active

4) PROJECT TITLE: Determining Diuretic Response in Patients with Cirrhosis and Ascites Using the Spot Urine Sodium/Potassium Ratio in An Ambulatory Setting.

TYPE: Retrospective/Prospective

FUNDING: none.

PI: M. Mendler M.D.

CO-INVESTIGATORS: Bruce Runyon M.D., Zeid Kayali M.D.

HOUSE STAFF PARTICIPATING: Julie Yang M.D., Madhavi Vetsa M.D.

STATUS: pending IRB approval

5) PROJECT TITLE: Global DNA methylation index (GDMI) in cirrhosis: correlation to underlying cause of disease, severity of disease and associated hepatocellular carcinoma.

TYPE: Retrospective/Prospective

FUNDING: AmberGen Inc., Waltham, MA.

PI: M. Mendler M.D., Richard Del Mastro Ph.D.

CO-INVESTIGATORS (collaboration with USC): Linda Sher M.D., Rick Selby M.D. Jeffery Kahn M.D.

HOUSE STAFF PARTICIPATING: N/A

STATUS: active.

6) PROJECT TITLE: Outcomes in the treatment of recurrent HCV after OLT.

TYPE: Retrospective, MultiCenter: Cedars-Sinai Medical Center, California Pacific Medical Center, Kaiser Permanente in Los Angeles, Loma Linda University and the University of British Columbia.

FUNDING: none.

PI: Tse-Ling Fong M.D.

CO-INVESTIGATORS: M. Mendler M.D. (LLUMC), Bridjie Ekhazin R.N.P.

HOUSE STAFF PARTICIPATING: N/A.

STATUS: pending IRB approval (USC/LLUMC)

7) PROJECT TITLE: Two stage TIPS and one stage DIPS in cirrhosis.

TYPE: Case Reports.

FUNDING: none.

PI: Jason Smith M.D.

CO-INVESTIGATORS: M. Mendler M.D., G. Watkins M.D., D. Smith M.D.

HOUSE STAFF PARTICIPATING: TBD.

STATUS: active.

8) PROJECT TITLE: Signature hepatic gene expression in nonalcoholic fatty liver disease.

TYPE: Prospective/Translational.

FUNDING: under exploration.

PI: M. Mendler M.D.

CO-INVESTIGATORS: TBD

HOUSE STAFF PARTICIPATING: Nelson Lim M.D., Amir Abdipour M.D.

STATUS: preliminary development.

Grants:

NIH R21 # AA014269-01 A1, Start: September 2004.

Title: RCT of SAME in alcoholic liver disease.

PI: MH Mendler Direct costs: 300K/3years.

Serim Research Corporation, Indiana. Start: October 2004.

Title: Instant bedside diagnosis of spontaneous bacterial peritonitis using leukocyte esterase reagent strips: development of a test strip adapted to ascitic fluid and validation by comparison to ascites cytology and two strips used in urine analysis.

PI: MH Mendler Direct costs: 20K/1 year.

G Bibliography

Peer Review

- 1) Letard JC, Parneix JL, Cessot F, Le Sidaner A, **Mendler MH**, Sautereaud D, Pillegand B. [Results of transcutaneous gastric ultrasound in corrhosis]. *Rev Im Med* 1994;6:585-9. French.
- 2) Descottes B, Sodji AQ, **Mendler MH**, Valleix D. [Primary lymphoma of the surenal gland: a case of bleeding rupture]. *Lyon Chir* 1995;91:376-8. French.
- 3) **Mendler MH**, Sautereau D, Pillegand B, Ravon R. [A case of digestive epilepsy with late diagnosis: a disease not to be disregarded]. *Gastroenterol Clin Biol*. 1998;22:235-9. French.
- 4) Guyader D, Lefeuvre C, Jacquelinet S, Prat M, Baudouard Y, Turlin B, Andre P, **Mendler MH**, Sapey T, Boucher E, Moirand R, Messner M, Colimon R, Brissot P, Deugnier Y. [Epidemiology of hepatitis C virus infection in 1,304 HCV positive patients: variations according to the origin of transmission and year of diagnosis]. *Gastroenterol Clin Biol*. 1998;22:375-80. French.
- 5) Descottes B, Thognon P, Valleix D, **Mendler MH**. Major liver resections without vascular clamping: retrospective study of 84 cases. *Hepatogastroenterology*. 1998;45:364-7.
- 6) **Mendler MH**, Bouillet P, Le Sidaner A, Lavoine E, Labrousse F, Sautereau D, Pillegand B. Dual-energy CT in the diagnosis and quantification of fatty liver: limited clinical value in comparison to ultrasound scan and single-energy CT, with special reference to iron overload. *J Hepatol*. 1998;28:785-94.
- 7) Brissot P, Pigeon C, Moirand R, Guyader D, **Mendler MH**, Sapey T, Deugnier Y, Lescoat G, Loreal O. [Iron metabolism and its exploration in clinical biology]. *Ann Biol Clin (Paris)*. 1998;56 Spec No:5-10. Review. French.
- 8) Guyader D, Jacquelinet C, Moirand R, Turlin B, **Mendler MH**, Chaperon J, David V, Brissot P, Adams P, Deugnier Y. Noninvasive prediction of fibrosis in C282Y homozygous hemochromatosis. *Gastroenterology*. 1998;115:929-36.
- 9) Siproudhis L, Bellissant E, Juguët F, **Mendler MH**, Allain H, Bretagne JF, Gosselin M. Rectal adaptation to distension in patients with overt rectal prolapse. *Br J Surg*. 1998;85:1527-32.
- 10) **Mendler MH**, Bouillet P, Sautereau D, Chaumerliac P, Cessot F, Le Sidaner A, Pillegand B. Value of MR cholangiography in the diagnosis of obstructive diseases of the biliary tree: a study of 58 cases. *Am J Gastroenterol*. 1998;93:2482-90.
- 11) Sapey T, Turlin B, Canva-Delcambre V, **Mendler MH**, Deugnier Y, Brissot P, Guyader D. [Importance of liver puncture biopsy and endoscopic retrograde cholangiography in patients with chronic anicteric unexplained cholestasis. A retrospective study in 79 patients]. *Gastroenterol Clin Biol*. 1999;23:178-85. French.
- 12) Guyader D, Gandon Y, Sapey T, Turlin B, **Mendler MH**, Brissot P, Deugnier Y. Magnetic resonance iron-free nodules in genetic hemochromatosis. *Am J Gastroenterol*. 1999;94:1083-6.
- 13) Guyader D, Boucher E, Andre P, Even C, Cottureau J, Bianchi A, Gasser P, **Mendler MH**, Deugnier Y, Brissot P. A pilot study of iron depletion as adjuvant therapy in chronic hepatitis C patients not responding to interferon. *Am J Gastroenterol*. 1999;94:1696-8.
- 14) Siproudhis L, Bellissant E, Pagenault M, **Mendler MH**, Allain H, Bretagne JF, Gosselin M. Fecal incontinence with normal anal canal pressures: where is the pitfall? *Am J Gastroenterol*. 1999;94:1556-63.

- 15) **Mendler MH**, Turlin B, Moirand R, Jouanolle AM, Sapey T, Guyader D, Le Gall JY, Brissot P, David V, Deugnier Y. Insulin resistance-associated hepatic iron overload. *Gastroenterology*. 1999;117:1155-63.
- 16) **Mendler MH**, Corbinais S, Sapey T, Lucas-Clerc C, Tiisma V, Guyader D, Deugnier Y, Le Treut A, Brissot P. In patients with cirrhosis, serum albumin determination should be carried out by immunonephelometry rather than by protein electrophoresis. *Eur J Gastroenterol Hepatol*. 1999;11:1405-11.
- 17) Sapey T, **Mendler MH**, Guyader D, Morio O, Corbinais S, Deugnier Y, Brissot P. Respective value of alkaline phosphatase, gamma-glutamyl transpeptidase and 5' nucleotidase serum activity in the diagnosis of cholestasis: a prospective study of 80 patients. *J Clin Gastroenterol*. 2000;30:259-63.
- 18) Boucher E, Guyader D, Jacquelinet S, Andre P, **Mendler MH**, Turlin B, Canva V, Nousbaum JB, Bernard PH, Nouel O, Raabe JJ, Dao T, Gasser P, Verger P, Boutin J, Bergerault P, Joram F, Colmar P, Messner M, Brissot P, Deugnier Y. Interferon and ursodeoxycholic acid combined therapy in chronic viral C hepatitis: controlled randomized trial in 203 patients. *Dig Liver Dis*;32:29-33.
- 19) Corbinais S, Caulet-Maugendre S, Pagenault M, Spiliopoulos Y, Dauriac C, **Mendler MH**. [Primary T-cell lymphoma of the common bile duct]. *Gastroenterol Clin Biol* 2000;24:843-847. French.
- 20) Turlin B, **Mendler MH**, Moirand R, Guyader D, Guillygomarc'h A, Deugnier Y. Histologic features of the liver in insulin resistance-associated iron overload. A study of 139 patients. *Am J Clin Pathol*. 2001 Aug;116(2):263-70.
- 21) Guillygomarc'h A, **Mendler MH**, Moirand R, Laine F, Quentin V, David V, Brissot P, Deugnier Y. Venesection therapy of insulin resistance-associated hepatic iron overload. *J Hepatol*. 2001 Sep;35(3):344-9.
- 22) Moirand R, Guyader D, **Mendler MH**, Jouanolle AM, Le Gall JY, David V, Brissot P, Deugnier Y. HFE based re-evaluation of heterozygous hemochromatosis. *Am J Med Genet*. 2002 Sep1;111(4):356-61.
- 23) Lee TD, Sadda MR, **Mendler MH**, Bottiglieri T, Kanel G, Mato JM, Lu SC. Abnormal hepatic methionine and glutathione metabolism in patients with alcoholic hepatitis. *Alcohol Clin Exp Res*. 2004 Jan;28(1):173-81.
- 24) Sapey T, Mena E, Fort E, Laurin C, Kabissa D, Runyon B, **Mendler MH**. Rapid diagnosis of spontaneous bacterial peritonitis with leukocyte esterase reagent strips in a european and american center. *J Gastroenterol Hepatol*. 2005 Feb;20(2):187-92.
- 25) Verma S, Gunuwan B, **Mendler MH**, Govindrajana S, Redeker A. Factors predicting relapse in patients with type 1 autoimmune hepatitis, with special emphasis on: cirrhosis development, patterns of transaminases during remission and histological plasma cell activity. *Am J Gastroenterol*. 2004 Aug;99(8):1510-6.
- 26) Sussman S, Runyon B, Hernandez R, Magallenes M, **Mendler M**, Yuan JM, Tsukamoto H. A Pilot Study of an Alcoholic Liver Disease Recurrence Prevention Education Program in Hospitalized Patients with Advanced Liver Disease. *Addict Behav*. 2005 Mar;30(3):465-73.
- 27) T Sapey, D Kabissa, E Fort, C Laurin, **MH Mendler**. Instant diagnosis of spontaneous bacterial peritonitis using leukocyte esterase reagent strips: Nephur-test® versus MultistixSG ®. *Liver Int*. 2005 Apr;25(2):343-8.
- 28) **MH Mendler**, G Kanel, S Govindarajan. Proposal for a histological scoring and grading system for nonalcoholic fatty liver disease. *Liver Int*. 2005 Apr;25(2):294-304.

29) Sakai H, Sheer TA, **Mendler MH**, Runyon BA. Choosing the location for non-image guided abdominal paracentesis. *Liver Int.* 2005 Oct;25(5):984-6.

30) Verma S, Ajudia K, **Mendler M**, Redeker A. Prevalence of septic events, type 1 HRS, and mortality in severe alcoholic hepatitis and utility of discriminant function and MELD score in predicting these adverse events. *Dig Dis Sci.* 2006 Sep;51(9):1637-43.

Under Review/In preparation

1) Stiehm AJ, Yang J, **Mendler MH**, Runyon BA. Detection of diuretic resistance or diuretic sensitivity by the spot urine Na⁺/K⁺ ratio in 729 specimens from patients with cirrhosis and ascites: approximately 90% accuracy as compared to 24-hour urine Na⁺ excretion.

RECENT ABSTRACTS/PRESENTATIONS TO SOCIETAL MEETINGS

1) VALUE OF A GLOBAL IMMUNE CELL FUNCTION ASSAY IN PREDICTING RECURRENT HCV IN LIVER TRANSPLANTATION PATIENTS. Hansen Kwok M.D.1, Nancy Chang Pharm.D.2, Jill Weisman Pharm.D. 2, Edson Franco M.D. 2, Zeid Kayali M.D. 2, Pedro Baron M.D. 2, Okechukwu Ojogho M.D.2, Michel Mendler M.D. 1,2 Loma Linda University Medical Center 1Department of Gastrointestinal and Liver Diseases and the 2Transplantation Institute. International meeting of the American Transplant College, May 2007. Oral presentation.

2) DISTINCT DIFFERENCES IN GLOBAL IMMUNE CELL FUNCTION PROFILES BETWEEN HCV(+) AND HCV(-) POST-LIVER TRANSPLANTATION PATIENTS. Hansen Kwok M.D.1, Nancy Chang Pharm.D.2, Jill Weisman Pharm.D. 2, Edson Franco M.D. 2, Zeid Kayali M.D. 2, Pedro Baron M.D. 2, Okechukwu Ojogho M.D.2, Michel Mendler M.D. 1,2 Loma Linda University Medical Center 1Department of Gastrointestinal and Liver Diseases and the 2Transplantation Institute. Digestive Disease Week (AGA and AASLD), May 2007. Poster presentation.

Non Peer Review

1) Deugnier Y, Moirand R, Guyader D, **Mendler M**, Brissot P. Diagnostic des surcharges en fer. *Feuillets de Biologie* 1999;40:51-5. Review. French.

2) Deugnier Y, Moirand R, **Mendler M**, Brissot P. Surcharges en fer non hémochromatosiques. *Hepato-Gastro* 2000;2:103-7. Review. French.

3) Deugnier Y, **Mendler MH**, Moirand R. [A new entity: dysmetabolic hemosiderosis]. *Presse Med* 2000;29:949-51. Review. French.

4) Deugnier Y, **Mendler MH**, Turlin B, Guillygomarc'h A, Moirand R. [Metabolic hemosiderosis]. *Gastroenterol Clin Biol* 2000 May;24(5 Pt 2):B79-81. Review. French.

Letters to Editors

1) Charneau J, **Mendler M**. [Acute necrotic pancreatitis and althiazide]. *Gastroenterol Clin Biol.* 1997;21:164-5. French.

2) Guillygomarc'h A, **Mendler MH**, Moirand R, Jouanolle AM, David V, Deugnier Y. HFE mutations in insulin resistance - associated hepatic iron overload. *J Hepatol* 2000;33:515.

3) Guillygomarc'h A, **Mendler MH**, Moirand R, Jouanolle AM, David V, Deugnier Y. HFE mutations in insulin resistance-associated hepatic iron overload. *J Hepatol.* 2000 Sep;33(3):515-6.

5) Non-alcoholic steatohepatitis with iron: part of insulin resistance-associated hepatic iron overload? Moirand R, **Mendler MH**, Guillygomarc'h A, Brissot P, Deugnier Y. *J Hepatol.* 2000 Dec;33(6):1024-6.

Book Chapters

- 1) In: The Textbook of Gastroenterology, Fourth Edition/Atlas of Gastroenterology, Third Edition. Editors Yamada, Kaplowitz, Laine Owyang and Powell: Chapter 116, Central nervous system and pulmonary complications of end-stage liver diseases. Authors: **MH Mendler**, J Donovan, A Blei. 2003.
- 2) In: Encyclopedia of Gastroenterology, Editor LR. Johnson: Hemobilia. Authors: S.Verma, **MH Mendler**. 2003.

Reviewer for:

Hepatology
Gastroenterology
Liver International
Journal of Hepatology
Alimentary Pharmacology & Therapeutics