



Natalie J. Torok, M.D.

| | |
|---------------------------------|---|
| Clinical Interests | Natalie Torok is a clinician-scientist with active research projects focusing on mechanism(s) of liver fibrogenesis. She also manages patients who have liver cancer or cholestatic diseases and takes cares of patients following liver transplantation. |
| Title | Associate Clinical Professor |
| Specialty | Gastroenterology and Hepatology, Internal Medicine |
| Department | Internal Medicine |
| Division | Gastroenterology and Hepatology |
| Clinic | UC Davis Medical Group, Folsom |
| Address/Phone | UC Davis Medical Center, 2315 Stockton Blvd. Suite 3016 Sacramento, CA 95817 Phone: 916-734-2890 |
| | UC Davis Medical Group - Folsom, 271 Turn Pike Dr. Folsom, CA 95630 Phone: 916-985-9300 |
| Additional Phone | Physician Referrals: 800-4-UCDAVIS (800-482-3284) |
| Languages | French, Hungarian, Russian |
| Education | M.D., Semmelweis Medical University, Budapest, 1988 |
| Residency | Semmelweis University , Budapest , 1988-1990 Mayo Clinic , Rochester, Minnesota, 1996-1999 |
| Fellowships | Mayo Clinic , Rochester, Minnesota, 1999-2003 |
| Board Certifications | American Board of Internal Medicine, 2000 American Board of Internal Medicine, Gastroenterology, 2004 |
| Professional Memberships | American Association for Cancer Research American College of Physicians American Liver Foundation American Medical Association |



Natalie J. Torok, M.D.

Honors and Awards

American Liver Foundation Junior Scholar Award, 2004
UC Davis Health System Research Award, 2004
American Liver Foundation Fellow Award, 2000
Summa cum Laude, 1998
Merck Senior Fellow Research Award, American Gastroenterological Association, 1994
Postdoctoral Research Fellow Award, American Liver Foundation, 1994
Mayo-Thompson Fellowship/Award, 1993

Select Recent Publications

Venugopal S, Jiang J, Kim TH, Li Y, Wang SS, Torok NJ, Wu J, Zern MA: Liver fibrosis causes downregulation of miRNA-150 and miRNA-194 in hepatic stellate cells and their over-expression causes decreased stellate cell activation. *Am J Physiol Gastrointest Liver Physiol* 298: 2010, in press.

Silveira M, Torok NJ, Gossard A, Keach J, Jorgensen R, Petz J, Lindor KL: Minocycline in the treatment of patients with Primary Sclerosing Cholangitis: Results of a pilot study; *American Journal of Gastroenterology*, 104(1):83-8, 2009.

Sohail MA, Hashmi AZ, Hakim W, Watanabe A, Zipprich A, Groszmann RJ, Dranoff JA, Torok NJ, Mehal WZ.: Adenosine Induces Loss of Actin Stress Fibers and Inhibits Contraction in Hepatic Stellate Cells via Rho Inhibition. *Hepatology*, Jan; 49(1):185-94, 2009.

Jiang J, Mikami K, Venugopal S, Li Y and Torok NJ: Apoptotic Body Engulfment by Hepatic Stellate Cells Promotes Their Survival by the JAK/STAT and Akt/NF- κ B-dependent pathways, *J. of Hepatology*, Jul; 51(1):139-48, 2009.

Jiang J, Mikami K, Shah VH and Torok, N: Leptin induces phagocytosis of apoptotic bodies by hepatic stellate cells via a Rho GTP-ase-dependent mechanism. *Hepatology*, Nov; 48(5):1497-505, 2008.

Devaraj S, Torok, N, Samols D, and Jialal: Adiponectin Downregulates C-Reactive Protein Synthesis and Secretion from Human Aortic Endothelial Cells: Evidence for an Adipose Tissue-Vascular Loop. *Arterioscler Thromb Vasc Biol*. Jul; 28(7):1368-74, 2008.

Rahim, N, Prosser, C, Bowlus, C, Torok, N, Troppmann, C, Ramsamooj, R, O'Brien, M, and Rossaro L: Increasing adherence to therapy for recurrent hepatitis C after liver transplantation by starting at lower drug doses and adding growth factors. *Practical Gastroenterology*, XXXI, 24-33, 2007.

Seo, S; Maganti, K, Khehra, M, Ramsamooj, R, Tsodikov, A, Bowlus, C, McVicar, J, Zern, M, and Torok N. De Novo Nonalcoholic Fatty Liver Disease after Liver Transplantation. *Liver Transplantation*, 13(6):844-7, 2007.



Natalie J. Torok, M.D.

Zhan S., Jiang J., Wu J., Halsted C, Friedman SL, Zern MA, Torok NJ, Phagocytosis of Apoptotic Bodies by Hepatic Stellate Cells Induces NADPH Oxidase and It Is Associated With Liver Fibrosis *In Vivo. Hepatology*, 43, 435-443, 2006.

Canbay A, Taimr P, Torok N, Higuchi H, Friedmann S, and Gores G: Apoptotic body engulfment by a human stellate cell line is profibrogenic. *Laboratory Investigation*, 83(5):655-663, 2003.

© 2015 UC Regents