

CURRICULUM VITAE

Adrian Reuben

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EDUCATION

1963-1966	University College London, Preclinical Studies including B.Sc. (1st Class) Pharmacology
1966-1969	University College Hospital, London, Medical Degree, M.B.B.S.
1972	Member of the Royal College of Physicians, M.R.C.P.

SCHOLARSHIPS, AWARDS AND HONORS

1963-1965	Physiology Prize
1966-1969	Fellows Gold Medal in Medicine at UCH
1969	Honors in Pathology and Applied Pharmacology at MBBS Examination
1979-1980	MRC Traveling Scholarship (Eli Lilly Fellowship)
1980-1981	American Liver Foundation Postdoctoral Fellowship
1983-1987	NIH: Clinical Investigator Award
1987-1989	American Heart Association: Connecticut Chapter/Affiliate Grant-In-Aid
1989-1996	NIH: Independent Research Grant (RO1)
1990	Elected Fellow of the Royal College of Physicians, London (F.R.C.P.)
1995-2008	Best Doctors in America: Southeast Region
1999-2008	Best Doctors in America
2000-2009	Who's Who in Medicine and Healthcare
2005	Elected Fellow of the American College of Gastroenterology
2006	Outstanding Clinician of the Year, Medical University of South Carolina
2008-2009	Who's Who Among Executives and Professionals "Honors Edition"

MEMBERSHIP OF SOCIETIES

British Society of Gastroenterology (BSGE)
 Royal College of Physicians, London (RCP)
 American Association for the Study of Liver Diseases (AASLD)
 American Gastroenterological Association (AGA)
 International Association for the Study of the Liver (IASL)
 European Association for the Study of the Liver (EASL)
 International Liver Transplant Society (ILTS)
 American Society of Transplantation (AST)
 Goon Show Preservation Society (GSPS)
 American College of Gastroenterology (ACG)

APPOINTMENTS

<u>Employer</u>	<u>Position</u>	<u>From</u>	<u>To</u>
Division of Gastroenterology and Hepatology Medical University of South Carolina	Professor of Medicine	Dec. 1993	Present
Digestive Diseases Division, Yale University School of Medicine	Assoc. Professor of Medicine	July 1986	Nov. 1993
Liver Study Unit Yale Univ. Sch. Med.	Assist. Professor of Medicine	Oct. 1981	June 1986
Liver Study Unit Yale Univ. Sch. Med.	Research Assoc.	Oct. 1979	Sept. 1981
Central Middlesex Hosp. London, England	Senior Registrar	Oct. 1978	Sept. 1979
Guys Hospital Med. Sch. London, England	Research Fellow and Hon. Sr. Reg.	Oct. 1976	Sept. 1978
Middlesex Hospital London, England	Research Fellow and Hon. Registrar	Feb. 1976	Sept. 1976
Soroka Medical Center Beersheva, Israel	Physician Renal Unit	May 1975	Jan. 1976

Middlesex Hospital London, England	Registrar	Nov. 1972	Feb. 1975
National Heart Hospital London, England	Senior House Officer	Jan. 1972	Aug. 1972
Brompton Hospital London, England	House Officer	July 1971	Dec. 1971
Hammersmith Hospital London, England	Senior House Officer	Jan. 1971	June 1971
St. Pancras Hospital London, England	House Surgeon	June 1970	Nov. 1970
University College Hosp. London, England	House Physician	Nov. 1969	May 1970

ADMINISTRATION

Medical University of South Carolina

Chief, Liver Service, Division of Gastroenterology and Hepatology

COMMITTEES (* indicates current)

National

Abstract Committee, Biliary Tract Diseases Section, American Gastroenterological Association, 1991

Research Committee, American Association For The Study Of Liver Diseases, 1989-1992.

Veterans' Administration Merit Review Board in Digestive Diseases, 1992-1995.

Chairman, Veterans= Administration Merit Review Board in Digestive Diseases, 1994-1995

Editorial Board, "The Gastroenterologist", 1993-1995

Publications Committee, AASLD, 1993-1996.

Ad Hoc Member Study Section Digestive Diseases Research Core Grants NIH 1994

Abstract Committee, Clinical Practice, American Gastroenterological Association, 1995

Abstract Committee, AASLD Annual Meeting, 2000

Data Safety Monitoring Board, Roche Study MYCS 2646

AST Practice Guidelines Committee 1998-2000

AST Abdominal Organ Committee 1998-2000

Ad Hoc Member, Study Section: Clinical Research Network in Non-Alcoholic Steatohepatitis (2001)

Ad Hoc Member NIH Study Section: Living Donors for Liver Transplantation (2002)

Ad Hoc Member NIH Study Section: Hepatitis B Clinical Research network (2008)

*AASLD Abstract Review Committee

AASLD Publications Committee

OPTN/UNOS Liver and Intestinal Organ Transplantation Committee (2002 – 2004)

- * Editorial Board Liver Transplantation 2004-2009
- * Data Safety Monitoring Board, Idenix/Novartis Telbivudine (LdT) Clinical Phase III Studies
- * Data Safety Monitoring Board, Nucleonics RNAi and DNA-based of viral hepatitis
- * Chair, Data Safety Monitoring Board, Hyperion Phase II Randomized trial of Ammonul for Stage 3 or 4 Hepatic Encephalopathy
- * Editorial Board World Journal of Gastroenterology 2004-2007
- AASLD Nominating Committee 2006-2007
- *AST Abstract Review Committee
- *AASLD Special Interest Group – Portal Hypertension
- *Acute Liver Failure Study Group Steering Committee

Local

Charleston Medical Society Ad Hoc Town/Gown Committee

Medical University of South Carolina

Medical Records Advisory Committee

Marketing Task Force

Research Development Subgroup, Strategic Planning Committee

Transplant Marketing Task Force

Communications Committee, DDC

Liaison, Pharmacy and Therapeutics Committee

Patient Satisfaction Committee

Quality Improvement Council

University Tenure Committee

OACIS Expansion Steering Committee

University Faculty Senate 1997-2001

Chair, Faculty Senate 1998-2001

President's Council 2000-2001

RFP Evaluation Committee

Clinical Information Management Council

Activated Protein C Guidelines Committee

*Transplant Information System Oversight Committee – Chair

*Oacis Implementation Group

TEACHING (MUSC)

MUSC Annual GI Topics Conference

Physiology, 1st Year Medical Students

Physical Diagnosis, 2nd Year Medical Students

Clinical Correlations, 3rd Year Medical Students

INVITED LECTURES AND SYMPOSIA

1979 - 1989

Dept. of Medicine, Ben-Gurion University Medical School, Beer Sheba, Israel (1979).
Gastroenterology Dept., Technion Medical School, Haifa, Israel (1979).
Falk Symposium #29, Bile Acids and Lipids, Freiberg, W. Germany (1980).
Gastroenterology Sect., Northwestern University Medical School, Chicago, IL (1981).
Section of Gastroenterology, Boston University Hospital, Boston, MA (1981).
Falk Symposium #33, Bile Acids and Cholesterol in Health and Disease, Basel, Switzerland (1982).
Kroc Foundation Conference, The Physical Chemistry of Bile in Health and Disease, (1983).
Dept. of Surgery, Hospital of St. Raphael, New Haven, CT (1985).
Division of Gastroenterology, State University of New York at Buffalo (1986).
Dept. of Medicine, Bridgeport Hospital, Bridgeport, CT (1987).
Gastroenterology Dept., Duke University School of Medicine, Durham, NC (1988).
Section of Gastroenterology, Boston University Hospital, Boston, MA (1988).
GI Division, University of California San Diego School of Medicine, San Diego, CA (1988).
Division of Gastroenterology/Hepatology, University of Iowa School of Medicine, Iowa City, IA (1988).
Division of Gastroenterology, Baylor College of Medicine, Houston, TX (1988)
Division of Gastroenterology, University of Michigan, Ann Arbor, MI (1988)
Gastroenterology Section, Medical College of Virginia, Richmond, VA (1988)
Grand Rounds Dept. of Medicine, Yale University School of Medicine, New Haven, CT (1989).
NIH-sponsored workshop on Frontiers in Gallstone Formation, Virginia, 1989.
Preventative Cardiology Seminar Series, Yale University School of Medicine, New Haven, CT (1989).
Grand Rounds, Dept. of Anesthesiology, Yale University School of Medicine (1989).

1990 – 2001

Grand Rounds Dept. of Medicine, Yale University School of Medicine, New Haven, CT (1990).
Update on Hepatitis C, Connecticut Chapter, American College of Physicians (1990).
GI Division, Brown University, Rhode Island (1991).
Ground Rounds, Dept. of Obstetrics and Gynecology, Yale University School of Medicine (1992).
GI Division, Medical University of South Carolina, (1992).
South Carolina Chapter of the American College of Surgeons (1996).
Visiting Professor, University of Vermont College of Medicine (1996).
MUSC Family Medicine Symposium (1997, 1998, 1999, 2000)
AASLD/ILTS Postgraduate Course in Liver Transplantation, Chicago (1997)
Presbyterian's Thirteenth Annual Cancer Center Symposium, Charleston SC (2000)
Texas Club of Internists Annual Internal Medicine Update, Charleston SC (2000)
DDW Postgraduate Course (2001)
AASLD/ILTS Postgraduate Course in Liver Transplantation, Dallas (2001)

2001 – 2004

- to be re-entered

2004 – 2008

University of Florida at Tampa Liver Club “Risks of Surgery in Patients with Liver Disease” (2004)
University of Texas Southwestern Medical Center at Dallas, What’s New in Gastroenterology and Hepatology, “The Epidemic of NAFLD” (2004)
Greenville Memorial Hospital Grand Rounds, “Non-alcoholic fatty liver disease” (2004)
Spartanburg Regional Medical Center Grand Rounds, “Non-alcoholic fatty liver disease” (2004)

Grand Rounds, Department of Surgery, MUSC (2005)
University of Alabama, Birmingham, Hepatology Update, After-dinner keynote address (2005)
Yale Division of Gastroenterology & Hepatology, 50th Founding Celebration - After-dinner address (2006)
University of Florida at Tampa Gastroenterology Update, “Drug hepatotoxicity” and “Hepatocellular Carcinoma” (2006)
Acute Liver Failure Study Group, “Acute Liver Failure Due to Drug-induced Liver Injury” (2006)
University of South Carolina, Department of Medicine Grand Rounds, “Complications of Cirrhosis”
Johns Hopkins University Annual Gastroenterology Update: “Risk of surgery in patients with cirrhosis” and “History of Hepatology” (2006)
University of Memphis, Tennessee Grand Rounds, “Autoimmune Hepatitis” and
Lecture to Division of Gastroenterology & Hepatology, “Risks of surgery in Patients with Liver Disease” (2006)
Emory University Transplant Program: Longterm management of the liver transplant recipient. (2006)
American College of Gastroenterology Annual Meeting. Lunchtime Learning Session “Drug Hepatotoxicity” (2006)
American Association for Study of Liver Disease. Early Morning Workshop “Causality in Drug-Induced Liver Disease” (2006)
NIH Focus Conference on Acute Liver, “Acute Liver Failure due to Drug-Induced Liver Injury” (2006)
Acute Liver Failure Study Group, “Epidemiology, Causes and Outcomes of Acute Liver Failure at the Medical University of South Carolina” (2006)
Hepatic historiography, Yale University Digestive Diseases (2006)
Grand Rounds Department of Medicine B, Soroka Medical Center, Be’er Sheva, Israel (2007)
GI Grand Rounds Ichelov Medical Center, Tel Aviv, Israel (2007)
Hepatology Grand Rounds, Rambam Medical Center, Haif, Israel. (2007)

Keynote speaker Roberto J Groszmann Symposium on Portal Hypertension (2007)
State of the Art Lecture American College Rheumatology Annual meeting, Extrahepatic Manifestations of Hepatitis C (2007)
AASLD Annual Meeting Interferon Symposium, Keynote Speaker on History of Discovery of Interferons (2007)
Chair, Clinical research Session, American transplant Congress, Toronto (2008)
Update on Viral Hepatitis, Annual Family Medicine Course, Kiawah Is, SC (2008)
Risk of Surgery in patients with Liver Disease Lecture. UCLA Update in Gastroenterology and Hepatology, Laguna Niguel CA (2008)

REVIEWS AND EDITORIAL

Associate Editor Hepatology: Section Editor “Landmarks in Hepatology” 2002-2006
Reviewer for: Biochim Biophys Acta, Gastroenterology, Transfusion, Liver Transplantation, Digestive Disease and Science, Hepatology, Scandanavian Journal of Gastroenterology, Journal of Clinical Investigation, Hepatology, American Journal of Gastroenterology, European Journal of Gastroenterology and Hepatology, Liver International, World Journal of Gastroenterology, American Journal of Physiology, New England Journal of Medicine

COURSES DIRECTED

Annual MUSC Liver Disease and Transplantation Symposium, Columbia SC (1995,1996, 1997),
Charleston SC (1998,1999, 2000, 2001, 2002,
2003, 2004, 2005, 2007)

RESEARCH INTERESTS

Laboratory: The Pathogenesis of hepatic fibrosis..

- Clinical:
- (i) Hepatitis C, pathogenesis and treatment.
 - (ii) Postoperative management of liver transplant recipients.
 - (iii) Hepatorenal syndrome.
 - (iv) Portal hypertensive variceal bleeding
 - (v) Cirrhotic heart disease
 - (vi) Drug-induced liver disease
 - (vii) Alpha-1-antitrypsin deficiency
 - (viii) Non-alcoholic steatohepatitis
 - (ix) Post-transplant lymphoproliferative disorders
 - (x) Hepatopulmonary syndrome
 - (xi) Acute Liver Failure epidemiology

CLINICAL PRACTICE

- (a) Inpatient care 5-6 months per year, including daily ward rounds with residents, medical students and fellow and procedures (endoscopy and liver biopsy)
- (b) On-call schedule weekday evenings (Mon-Thur) 6-weekly, weekends and holidays 6-weekly
- (c) Outpatient care
 - (i) Liver clinic weekly and bimonthly, and monthly evening clinic
 - (ii) Transplant clinic weekly, and monthly satellite clinic in Greenville
 - (iii) Liver biopsies weekly
 - (iv) Endoscopy sessions weekly
- (d) Patient Evaluation and Care Committees
 - (i) Liver tumor Board bimonthly
 - (ii) Liver Transplant Selection committee weekly
 - (iii) Liver transplant patient coordinator review weekly

PUBLICATIONS

(a) Articles in Refereed Journals

1. Britton K.E., Suwanik R., Tutawiroon C., Premoydin M., Reuben A., Narashimha K., Myers M., Wood T. and Brown N.J.G.: Computer assisted blood background subtraction (CABBS) hepatography with ¹³¹I and ¹²³I Bromsulphthalein (BSP). *Dynamic Studies with Radioisotopes in Medicine I*:157-172, International Atomic Energy Agency, Vienna 1974.
2. Stamp T.C., Haddad J.G., Exton-Smith A.M., Reuben A., Twigg C.A.: Assay of vitamin D and its metabolites. *Ann. Clin. Biochem.* 13:571-577, 1976.
3. Reuben A., Hirsch M., Berlyne G.M.: Renal vein thrombosis as the cause for the deterioration in renal function in familial mediterranean fever. *Quart. J. Med.* 46:243, 1977.
4. Shainkin-Kestenbaum R., Lerman R., Reuben A., Berlyne G.M.: Plasma calcitonin in chronic renal failure: relation to other factors of importance in bivalent ion metabolism. *Clin. Sci. Mol. Med.* 52:577, 1977.
5. Reuben A., Johnson I.J., Cotton P.B.: Observer variation in pancreatogram interpretation. *Br. J. Radiol.* 51:956-962, 1978.
6. Reuben A., Cotton P.B.: Operative pancreatic biopsy: a survey of current practice. *Annals of the Royal College of Surgeons, England* 60:53, 1978.
7. Reuben A., Cotton P.B.: ERCP in pancreatic cancer. *Surg. Gynecol. Obst.* 148:179-184, 1979.
8. Maton P.N., Reuben A., Dowling R.H.: Relationship between hepatic cholesterol synthesis and biliary cholesterol secretion in man; hepatic cholesterol synthesis is not a major regulator of biliary lipid secretion. *Clin. Sci.* 62:515-519, 1982.
9. Maton P.N., Iser J.H., Reuben A., Saxton H.M., Murphy G.M., Dowling R.H.: Outcome of chenodeoxycholic acid (CDCA) treatment in 125 patients with radiolucent gallstones. *Medicine.* 61:86-97, 1982.
10. Reuben A., Howell K.E., Boyer J.L.: Effects of taurocholate on the size of mixed lipid micelles and their association with pigment and proteins in rat bile. *J. Lipid Res.* 23:1039-1052, 1982.
11. Meier P.J., Sztul E., Reuben A., Boyer J.L.: Structural and functional polarity of canalicular and basolateral plasma membrane vesicles isolated in high yield from rat liver. *J. Cell Biol.* 98:991-1000, 1984.
12. Allgrove J., Adami S., Fraher L., Reuben A., O'Riordan J.L.H. Hypomagnesaemia: Studies of Parathyroid Hormone Secretion and Function. *Clin. Endocrinol.* 21:435-449, 1984.

13. Reuben A., Maton P.N., Murphy G.M., Dowling R.H. Bile lipid secretion in obese and non-obese individuals with and without gallstones. *Clin. Sci.* 69:71-79, 1985.
14. Reuben A., Allen R.M. Intrahepatic sources of biliary-like micelles. *Biochem. Biophys. Acta* 876:1-12, 1986.
15. Reuben A., Quereshi Y., Murphy G.M., Dowling R.H. Effect of obesity and weight reduction on biliary cholesterol saturation and the response to chenodeoxycholic acid (CDCA). *Eur. J. Clin. Invest.* 16:133-142, 1986.
16. Mittal R., Reuben A., Whitney J.O., McCallum R.W. Do Bile Acids Reflux Into the Esophagus In Normal Subjects or Gastroesophageal Reflux Patients. *Gastroenterology* 92:271-375, 1987.
17. Zeniya M., Reuben A. Triton WR1339-Induced Changes in Serum Lipids And Biliary Lipid Secretion. *Am. J. Physiol.* 254 G346-G354, 1988.
18. Polio J., Groszmann R.J., Reuben A., Sterzel R.B., Better O.S.: Portal Hypertension Ameliorates Arterial Hypertension In Spontaneously Hypertensive Rats. *J. Hepatology* 8 294-301, 1989.
19. Genecin P., Polio J., Colombato LA, Ferraioli G., Reuben A., Groszmann R.J.: Bile acids do not mediate the hyperdynamic circulation in portal hypertensive rats. *Am. J. Physiol.* 259 921-925, 1990.
20. Evans J, Reuben A, Craft J: PBC-95K, A 95 Kilodalton Nuclear Autoantigen in Primary Biliary Cirrhosis. *Arthritis and Rheumatism* 34: 731-736, 1991.
21. Sarin S., Groszmann R.J., Mosca P., Rojkind M., Stadecker M.J., Bhatnagar R., Reuben A., and Dayal Y.: Propranolol Ameliorates the Development of Portal Systemic Shunting in a Chronic Murine Schistosomiasis Model Portal Hypertension. *J. Clin. Invest.* 87: 1032-1036, 1991.
22. Petrides A.S., Luzi L., Reuben A., Riely C.A., and DeFronzo R.A.: Effect of insulin and plasma amino acid concentration on leucine metabolism in cirrhosis. *Hepatology* 14: 432-441, 1991.
23. Haber MM, West AB, Haber AD, Reuben A. Relationship of Aminotransferases to Liver Histological Status in Chronic Hepatitis C. *Am. J. Gastroenterology* 1995; 90: 1250-1257.
24. Petersen KF, Rothman DL, Reuben A, West AB, Shulman GI. Noninvasive Determination of Hepatic Triglyceride Concentration in Humans with ¹³C NMR Spectroscopy. *Hepatology* 1996; 24: 114-117.
25. Baliga P, Reuben A, Baker R, Baker S, Cofer J, Rajagopalan, R. Intestinal transplantation: An early experience. *Transplantation Proceedings* 1996; 28: 2734-2735.
26. Sindhi R, Rosendale J, Mundy D, Taranto S, Baliga P, Reuben A, Rajagopalan PR, Hebra A, Tagge E, Othersen HB Jr. Impact of segmental grafts on pediatric liver transplantation - A

review of the United Network for Organ Sharing Scientific Registry Data (1990-1996). *J. Ped Surg* 1999; 34: 107-111

27. Levy M, Trojanowska M, Reuben A. Oncostatin M: a cytokine upregulated in human cirrhosis, increases collagen production by human hepatic stellate cells *J. Hepatol* 2000; 32: 218-226.
28. Morelli J, Mulcahy HE, Willner IR, Baliga P, Chavin KD, Patel R, Payne M, Cotton PB, Hawes RH, Reuben A, Cunningham JT. Endoscopic treatment of post-liver transplantation bile leaks with stent placement across the leak site. *Gastrointest Endosc* 2001; 54: 471-475.
29. Willner IR, Waters B, Patil SR, Reuben A, Morelli J, Riely CA. Ninety patients with nonalcoholic steatohepatitis. *Am. J. Gastroenterol* 2001; 96: 2957-2961.
30. Madhotra R, Mulcahey HE, Willner IR, Reuben A. Prediction of esophageal varices in cirrhotic patients. *J. Clin. Gastroenterol* 2002;34:81-85.
31. Sohara N, Trojanowska M, Reuben A. Oncostatin M (OSM) stimulates tissue inhibitor of metalloproteinase-1 (TIMP-1) via a MEK-sensitive mechanism. *J. Hepatology* 2002;36: 191-199.
32. Sohara N, Levy MT, Trojanowska M, Reuben A. Reversal of activation of human myofibroblast-like cells by culture on a basement membrane-like substrate. *J. of Hepatology* 2002; 37: 214-221.
33. Madhotra R, Mokhashi M, Willner IR, Hawes RM, Reuben, A. Prospective evaluation of a 3.1mm battery-powered esophagoscope in screening for esophageal varices in cirrhotic patients. *Am. J. Gastroenterology* 2003; 98: 807-812
34. Verne GN, Soldevila-Pico C, Robinson ME, Spicer KM, Reuben A. Autonomic dysfunction and gastroparesis in cirrhosis. *J. Clin Gastroenterol* 2004;38 :72-76
35. Znoyko I, Sohara N, Spicer SS, Trojanowska M, Reuben A Comparative studies of Oncostatin M expression in the tissues of adult rodents. *Anatomical Record* 2005; 283A: 182-186
36. Bowlus CL, Willner IR, Zern MA, Reuben A, Chen P, Holladay B, Xie L, Woolson RF, Strange C Factors associated with advanced liver disease in adults with alpha-1 antitrypsin deficiency. *Clinical Gastroenterology and Hepatology* 2005; 3: 390-396
37. Znoyko I, Sohara N, Spicer SS, Trojanowska M, Reuben A Expression of Oncostatin M and its receptors in normal and cirrhotic human liver . *J Hepatol* 2005; 43: 893-900.
38. Znoyko I., Trojanowska M., and Reuben A. Collagen binding $\alpha_2\beta_1$ and $\alpha_1\beta_1$ integrins play contrasting roles in regulation of ETS-1 expression in human liver myofibroblasts. *Molecular and Cellular Biochemistry* 2006; 282: 89-99

39. Koch D, Christensen L, Lazarchick J, Stuart R, Reuben A. Post-transplant lymphoproliferative disorder – The great mimic in liver transplantation: Appraisal of the clinicopathologic spectrum and the role of EBV. *Liver Transplantation* 2007; 13: 904-912
40. Rutherford AE, Hynan Ls, Borges CB, Forcione DG, Blackard JT, Lin W, Gorman AR, Shaikh OS, Reuben A, Harrison E, Reddy KR, Lee WM, Chung RT. Serum apoptosis markers in acute liver failure: a pilot study. *Clin Gastroenterol* 2007; 5: 1477-1483
41. Polson J, Wians FH Jr, Orsulak P, Fuller D, Murray NG, Koff JM, Khan AI, Balko JA, Hynan LS, Lee WM, and the Acute Liver failure Study Group (includes Reuben A). *Clin Chim. Acta* 2008; 39: 24-30

(b) CASE REPORTS

1. Reuben A., Jourdan M.H., Isaacs P.E.T., McColl I.: Spontaneous closure of choledochoduodenostomy: diagnosis by endoscopy and ERCP. *Brit. J. Surg.* 67:283-286, 1980.
2. Reuben A., Russel Jones R., Lovel D.: Behcet's syndrome with colonic involvement and arterial thrombosis. *Journal of the Royal Society of Medicine.* 73:520-524, 1980.
3. Morse S., Reuben A., Strauss E.B., Greenwood L.H., Denny D.F., August D., Flye W.M. Liver Transplantation Rejection Arteritis; Serial Hepatic Arteriography. *Cardiovascular and Interventional Radiology*, 9:191-194, 1986.
4. Perkal M.F., Haber M.M., Nelson K., Marks W.H., Reuben A., West A.B. and Lorber M.I. Cytomegalovirus appendicitis in a liver transplant recipient. *Clin Transplantation* 6:384-387, 1992.
5. Navarro V, Reuben A. Bleeding Esophageal Varices. *N. Engl. J. Med* 1994; 331:1129.
6. Haber M, Reuben A, Burrell M, Oiverio P, Salem RR, West AB. Multifocal Nodular Hyperplasia of the Liver Associated with Hemihypertrophy and Vascular Malformations. *Gastroenterology* 1995; 108: 1250-1262.
7. Madhotra R, Carter TD, Willner I, Reuben A. Reversible flaccid paraplegia after orthotopic liver transplantation. *Am. J. Gastroenterol* 2000; 96: 1943-1944.
8. Baron LF, Reuben A. Radiological case of the Month. *Applied Radiology* 2000, 33-34.
9. Draganov P, Durrence H, Cox C, Reuben A. Alcohol-acetaminophen syndrome: Even moderate social drinkers are at risk *Postgraduate Medicine* 2000; 107: 189-195.

10. Avendano CE, Flume PA, Baliga P, Lewin DN, Strange C, Reuben A. Hepatopulmonary syndrome occurring after orthotopic liver transplantation. *Liver Transplant* 2001; 7: 1081-1084.
11. Evans J, Oates J, Shepherd M, Reuben A. Rituximab-responsive cryoglobulinemic glomerulonephritis in a patient with autoimmune hepatitis *J Clin Gastroenterology* 2008; 42: 862-863
12. Koch DG, Caplan M, Reuben A. Pulmonary Hypertension after Liver Transplantation: Case presentation and review of the literature. *Liver Transpl.* 2008 (in press).

(c) BOOK CHAPTERS, REVIEWS, EDITORIALS, SOFTWARE and SYMPOSIA PROCEEDINGS

1. Reuben A., Howell K.E., Boyer J.L.: Studies on the relationship between mixed lipid biliary micelles, pigment and protein in bile. IN: Falk Symposium #29. *Bile Acids and Lipids*. eds. Paumgartner G., Stiehl A., Gerok W. 1981. MPT Press Ltd., England, pp. 153-156.
2. Reuben A., Maton P.N., Murphy G.M., Dowling R.H.: Cholesterol synthesis and biliary cholesterol secretion in obesity. IN: Falk Symposium #29. *Bile Acids and Lipids*, eds. Paumgartner G., Stiehl A., Gerok W. 1981. MPT Press Ltd., England, pp. 203-209.
3. Reuben A., Allen R.M. and Boyer J.L.: Intrahepatic sources of "biliary-like" bile acid-phospholipid-cholesterol micelles. IN: *Bile Acids and Cholesterol in Health & Disease*. eds. Paumgartner G., Stiehl A., Gerok W. 1983. MTP Press Ltd., England, pp. 61-66.
4. Reuben A. Bile Formation: Sites and Mechanisms. *Hepatology* 4: 15S-24S, 1984.
5. Reuben A. Biliary proteins. *Hepatology* 4: 46S-50S, 1984.
6. Reuben A. Physical State of Bilirubin and Organic Anions in Bile. *Hepatology* 4:212S-214S, 1984.
7. Reuben A. Hepatitis C. *Mediguide to Infectious Diseases* 11: 1-4, 1991.
8. Shifman M., Reuben A. and Bove J. Hepatitis Advisor. An Interactive Computer-Assisted Program for the Interpretation of Hepatitis Serology. Center for Medical Informatics, Section of Digestive Diseases (Dept of Internal Medicine) and Dept. of Laboratory Medicine, Yale University School of Medicine. 1992
9. Boyer J.L. and Reuben A. Chronic Hepatitis. Chapter 23. In *Diseases of the Liver*. 6th Edition. Eds. Schiff I. and Schiff E.R. J.B. Lippincott Co. Philadelphia. 1993
10. Reuben A.
Chapter 40. General Considerations.
Chapter 41. Congenital Disorders and Other Pediatric Diseases of the Biliary tract.

Chapter 42. Gallstones and their Consequences.

Chapter 43. Inflammatory and Fibrotic Diseases of the Biliary Tree.

-In Clinical Gastroenterology. 4th Edition. Ed. Spiro H.M. McGraw-Hill Inc.
New York. 1993

11. M. Susan Moyer and A. Reuben. Chapter 19, Procedures in Pediatric Hepatology. In Liver Disease in Children. Ed. F. J. Suchy. Mosby St. Louis 1994.
12. Reuben A. A 52 year old obese man with angina and melena. In Critical Care Pearls, 2nd Edition. Eds. Sahn SA and Heffner JE. Hanley and Belfus Inc. Philadelphia.
13. Levy MT, Trojanowska M, Reuben A. Amiloride: A Na⁺/H⁺ exchanger inhibitor, ameliorates collagen production by human hepatic stellate cells. Cells of the Hepatic Sinusoid.1999; Vol 7; 198-200.
14. Reuben, A. Long-term management of the liver transplant patient: Diabetes, Hyperlipidemia and Obesity Liver Transplantation 2001; 7 (suppl 1): S13-S21.
15. Reuben A. Chapter 26. Methotrexate Controversies. In Drug-Induced Liver Disease. Eds Kaplowitz N and DeLeve L Marcel Decker, Inc New York. 2002
16. Reuben A. Acute and Chronic Viral Hepatitis. In Conn's Current Therapy, 54th edition 2002. Eds. Rakel and Bope. WB Saunders Company, pages 497-504.
17. Binder HJ and Reuben A. Nutrient Digestion and Absorption Cp 44 Medical Physiology. Eds Boron WF and Boulpaep EL WB Saunders Company Philadelphia 2003
18. Reuben A and Groszmann RJ. Cp 1 Portal hypertension: A history. In: Portal hypertension: Pathobiology, evaluation and treatment. Eds. Sanyal A and Shah V. Humana Press Inc. New Jersey 2005
19. Reuben A. Cp 18: Jaundice, and Cp 19: Spotting and dealing with physical signs in chronic liver disease: A guided tour. In: Gastroenterology and Hepatology: The modern clinician's guide. Eds Weinstein WM, Hawkey CJ, Bosch J. Elsevier Science. London UK. 2005
20. Willner IR and Reuben A. Alcohol and the Liver. In: Current Opinion in Gastroenterology (Ed R Moseley). May 2005; 21; 323-330.
21. Binder HJ and Reuben A. Nutrient Digestion and Absorption Cp 44 Medical Physiology. 2nd Edition. Eds Boron WF and Boulpaep EL WB Saunders Company Philadelphia 2006
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