

Cholestasis

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In medicine, cholestasis is a condition where bile cannot flow from the liver to the duodenum. Bile formation is a secretory function of the liver. It begins in bile canaliculi that form between two adjacent surfaces of liver cells similar to the terminal branches of a tree. The canaliculi join each other to form larger and larger structures, sometimes referred to as Canals of Hering, which themselves join to form small bile ductules that have an epithelial surface. The ductules join to form bile ducts that eventually form either the right main hepatic duct that drains the right lobe of the liver and the left main hepatic duct draining the left lobe of the liver. The two ducts join to form the common hepatic duct, which in turn joins the cystic duct from the gall bladder, to give the common bile duct. This duct then enters the duodenum at the ampulla of Vater. The two basic distinctions are an obstructive type of cholestasis where there is a mechanical blockage in the duct system such as can occur from a gallstone or malignancy and metabolic types of cholestasis which are disturbances in bile formation that can occur because of genetic defects or acquired as a side effect of many medications. ([From the Wikipedia article Cholestasis](#).)

Recent Publications on Cholestasis:



- [Usefulness of a scoring system in the interpretation of histology in neonatal cholestasis.](#)
*AIM: To ascertain the usefulness of a histological scoring system devised...*13th November, 2009
Department of Paediatrics, University of Malaya Medical Centre, Kuala- World J Gastroenterol. 2009 Nov 14;15(42):5326-33.
- [Progressive familial intrahepatic cholestasis: A case with improvement in liver tests and growth following partial external biliary diversion.](#)
*A 2(1/2)-year-old boy presented with pruritus and jaundice of 2 weeks...*13th November, 2009
Department of Gastroenterology, Lakeshore Hospital and Research Centre,- Indian J Gastroenterol. 2009 May-Jun;28(3):107-8. Epub 2009 Nov 12. ([DOI Direct Link](#))
- [Copper in parenteral nutrition.](#)
*Copper is an essential nutrient for humans. Copper is a component of...*13th November, 2009
Department of Medicine, Memorial Sloan-Kettering Cancer Center, New York,- Gastroenterology. 2009 Nov;137(5 Suppl):S13-7. ([DOI Direct Link](#))
- [Secretin inhibits cholangiocarcinoma growth via dysregulation of the cAMP-dependent signaling mechanisms of secretin receptor.](#)
*Secretin plays a key role in the regulation of normal cholangiocyte...*12th November, 2009
Experimental Medicine, University of L'Aquila, L'Aquila, Italy.- Int J Cancer. 2009 Nov 10. ([DOI Direct Link](#))
- [Longitudinal Profiles of 15 Serum Bile Acids in Patients With Intrahepatic Cholestasis of Pregnancy.](#)
*OBJECTIVES:Increased maternal serum bile acids are implicated in...*12th November, 2009
Maternal and Fetal Research Unit, Division of Reproduction and- Am J Gastroenterol. 2009 Nov 10. (

[DOI Direct Link](#))

- [Mouse organic solute transporter alpha deficiency enhances renal excretion of bile acids and attenuates cholestasis.](#)
Organic solute transporter alpha-beta (Ostalpha-Ostbeta) is a heteromeric... 11th November, 2009
Yale Liver Center, Yale University School of Medicine, New Haven, CT.- Hepatology. 2009 Sep 4. ([DOI Direct Link](#))
- [Primary sclerosing cholangitis: a clinical case.](#)
The basic hypotheses of pathogenesis of primary sclerosing cholangitis... 10th November, 2009
M. Gorky National Medical- Dig Dis. 2009;27(4):522-5. Epub 2009 Nov 4. ([DOI Direct Link](#))
- [Xenobiotic-Sensing Nuclear Receptors CAR and PXR as Drug Targets in Cholestatic Liver Disease.](#)
Cholestasis results in the intrahepatic retention of cytotoxic bile acid... 7th November, 2009
Department of Medicine and Molecular Science, Gunma University Graduate- Curr Drug Targets. 2009 Nov 1.
- [The human UDP-glucuronosyltransferase \(UGT\)1A3 enzyme conjugates norursodeoxycholic acid into a C23-ester glucuronide in the liver.](#)
Norursodeoxycholic acid (norUDCA) exhibits efficient anti-cholestatic... 6th November, 2009
Laval University, Canada;- J Biol Chem. 2009 Nov 4. ([DOI Direct Link](#))
- [Plasmin plays a key role in the regulation of profibrogenic molecules in hepatic stellate cells.](#)
Abstract Background: Plasmin role in transforming growth factor-beta... 6th November, 2009
Department of Molecular Biology and Genomics, CUCS, Institute for- Liver Int. 2009 Nov 2. ([DOI Direct Link](#))
- [Hepatitis with cholestasis caused by rivastigmine transdermal patch.](#)
Abstract Background: Plasmin role in transforming growth factor-beta... 6th November, 2009
- Am J Gastroenterol. 2009 Nov;104(11):2859-60. ([DOI Direct Link](#))
- [\[Syndrome of cholestasis: modern concepts\]](#)
Definition of cholestasis syndrome is proposed, anatomic and physiological... 4th November, 2009
- Klin Med (Mosk). 2009;87(9):8-14.
- [Bile acid transport correlative protein mRNA expression profile in human placenta with intrahepatic cholestasis of pregnancy.](#)
OBJECTIVE: To analyze the expression of bile acid transport correlative... 3rd November, 2009
Department of Gynecology and Obstetrics, West China Second University- Saudi Med J. 2009 Nov;30(11):1406-10.
- [Adenosine restores the hepatic artery buffer response and improves survival in a porcine model of small-for-size syndrome.](#)
The aim of the study is to define the role of the HABR in the... 31st October, 2009
Department of Liver Transplantation and Hepatobiliary Surgery, Cleveland- Liver Transpl. 2009 Nov;15(11):1448-57. ([DOI Direct Link](#))
- [Improved Outcomes in Paediatric Intestinal Failure with Aggressive Prevention of Liver Disease.](#)
BACKGROUND/PURPOSE: A protocol-driven care algorithm for the care of... 30th October, 2009
Alberta Children's Hospital/University of Calgary, Pediatric General- Eur J Pediatr Surg. 2009 Oct 28. ([DOI Direct Link](#))

Cholestasis Clinical Trials:



- [Ursodiol for Treating Parenteral Nutrition Associated Cholestasis in Neonates](#)



Cholestasis Patents:

- 7427605- [Inhibitors of ribonucleotide reductase subunit 2 and uses thereof](#)
- 7485308- [26199, 33530, 33949, 47148, 50226, 58764, 62113, 32144, 32235, 23565, 13305, 14911, 86216, 25206, and 8843 molecules and uses therefor](#)
- 7485634- [Azepinoindole and pyridoindole derivatives as pharmaceutical agents](#)
- 7485652- [Indolyl derivatives as liver-X-receptor \(LXR\) modulators](#)
- 7494972- [Method for inhibiting accelerated atherosclerosis in a subject suffering from hypercholesterolemia or hypertriglyceridemia](#)
- 7495001- [Benzannelated derivatives, their manufacture and use as pharmaceutical agents](#)
- 7498047- [Methods for treatment of thiol-containing compound deficient conditions](#)
- 7501433- [Opioid and opioid-like compounds and uses thereof](#)
- 7504225- [Reagents and methods for use in cancer diagnosis, classification and therapy](#)
- 7504400- [MTP inhibiting aryl piperidines or piperazines substituted with 5-membered heterocycles](#)
- 7507413- [Albumin fusion proteins](#)
- 7485298- [Diagnosis and treatment of human dormancy-related sequellae](#)
- 7483554- [Pathological tissue mapping](#)
- 7446091- [Methods and preparations for curing clinically ill patients](#)
- 7452678- [Identification of biomarkers for liver toxicity](#)
- 7459531- [50 Human secreted proteins](#)
- 7462634- [N-\(pyridin-2-yl\)-sulfonamide derivatives](#)
- 7465449- [Anti-.alpha..sub.v.beta..sub.6 antibodies](#)
- 7465554- [Gene encoding a multidrug-resistance human P-glycoprotein homologue on chromosome 7p15-2 and uses thereof](#)
- 7469185- [Primary rat hepatocyte toxicity modeling](#)
- 7473705- [Hexafluoroisopropanol substituted ether derivatives](#)
- 7482013- [Albumin fusion proteins](#)
- 7482147- [Ubiquitin protease](#)
- 7507414- [Albumin fusion proteins](#)
- 7507737- [Benzoimidazol-2-yl pyrimidines and pyrazines as modulators of the histamine H.sub.4receptor](#)
- 7514077- [Methods of antagonizing signal transduction in dorsal root ganglion cells with IL-31 antagonists](#)
- 7569384- [Albumin fusion proteins](#)
- 7566533- [Clinically intelligent diagnostic devices and methods](#)
- 7563779- [L-ergothioneine, milk thistle, and S-adenosylmethionine for the prevention, treatment and repair of liver damage](#)
- 7553826- [Cytarabine monophosphate prodrugs](#)
- 7544698- [Indoles and benzoimidazoles as modulators of the histamine H.sub.4 receptor](#)
- 7538124- [Biphenylcarboxamides useful as lipid lowering agents](#)
- 7465548- [Methods of screening for potential therapeutics for diseases associated with G-protein coupled receptor HM74a](#)
- 7514079- [Antibodies that specifically bind to neurokinin B](#)
- 7517890- [GTPase inhibitors and methods of use](#)
- 7521424- [Albumin fusion proteins](#)
- 7528154- [Polyarylcarboxamides useful as lipid lowering agents](#)

- 7608704- [Secreted proteins](#)
- 7595311- [Azepinoindole derivatives as pharmaceutical agents](#)
- 7592010- [Albumin fusion proteins](#)
- 7590493- [Methods for determining hepatotoxins](#)
- 7589087- [Benzoimidazol-2-yl pyridines as modulators of the histamine H.sub.4receptor](#)
- 7598412- [Modulators of ATP-binding cassette transporters](#)
- 7588892- [Reagent sets and gene signatures for renal tubule injury](#)
- 7579447- [Antibodies against LLG polypeptides of the triacylglycerol lipase family](#)
- 7579006- [Method of treating immune pathologies with low dose estrogen](#)
- 7576092- [Benzofuro- and benzothienopyrimidine modulators of the histamine H.sub.4 receptor](#)
- 7572801- [Pyridopyrimidinone derivatives which are HM74A agonists](#)
- 7572618- [Polynucleotides encoding novel PCSK9 variants](#)
- 7608721- [Hexafluoroisopropanol derivatives](#)

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