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Units

Gastroenterology/Hepatology

Publications (27)

Ludz C, Stirnimann G, Semela D, Mertens J, Kremer A, Filipowicz Sinnreich M, Sokollik C, Bernsmeier C, Bresson-Hadni S, McLin V, Rock N, Braegger C, Posovszky C, Müller P, Cremer M, De Gottardi A, Galante A, Furlano R, Righini-Grunder F, Becker B, Böhm S, Heyland K, Nydegger A, Limoni C, Vergani D, Mieli-Vergani G, Di Bartolomeo C, Cerny A, Terziroli Beretta-Piccoli B. Epidemiology, clinical features and management of autoimmune hepatitis in Switzerland: a retrospective and prospective cohort study. *Swiss Med Wkly* 2023; 153:40102.

Pop O, Geng A, Flint E, Singanayagam A, Ercan C, Possamai L, Patel V, Künzler-Heule P, Meier M, Soysal S, Hruz P, Kollmar O, Tatham K, Ward J, Mullhaupt B, Weber A, Wendon J, Niess J, Heim M, Semela D, Weston C, Antoniadou C, Terracciano L, Triantafyllou E, Brenig R, Bernsmeier C. AXL expression on homeostatic resident liver macrophages is reduced in cirrhosis following GAS6 production by hepatic stellate cells. *Cell Mol Gastroenterol Hepatol* 2023

Brenig R, Antoniadou C, Wendon J, Heim M, Ludwig B, Weston C, Duong F, Semela D, Brand S, Boldanova T, Künzler-Heule P, Cupovic J, Besse L, Pérez Shibayama C, Singanayagam A, Geng A, Triantafyllou E, Pop O, Bernsmeier C. Expression of AXL receptor tyrosine kinase relates to monocyte dysfunction and severity of cirrhosis. *Life Sci Alliance* 2019; 3

Bernsmeier C, Wendon J, Thursz M, Adams D, Weston C, Tidswell R, Nathwani R, Khamri W, Pop O, Patel V, Singanayagam A, Lebosse F, Brenig R, Triantafyllou E, Antoniadou C. CD14+CD15-HLA-DR- myeloid-derived suppressor cells impair antimicrobial responses in patients with acute-on-chronic liver failure. *Gut* 2017

Triantafyllou E, Stamataki Z, Curbishley S, Ma Y, Wilson I, Coen M, Woollard K, Quaglia A, Wendon J, Thursz M, Adams D, Weston C, Abeles R, Patel V, Yuksel M, Pop O, Possamai L, Wilhelm A, Liaskou E, Singanayagam A, Bernsmeier C, Khamri W, Petts G, Dargue R, Davies S, Tickle J, Antoniadou C. MerTK expressing hepatic macrophages promote the resolution of inflammation in acute liver failure. *Gut* 2017

Khamri W, Lebosse F, Auzinger G, Bernal W, Willars C, Weston C, Lombardi G, Wendon J, Thursz M, Possamai L, Kudo N, Abeles R, Hou T, Anderson A, El-Masry A, Triantafyllou E, Bernsmeier C, Larsen F, Singanayagam A, Antoniadou C. Increased Expression of CTLA4 by T Cells, Induced by B7 in Sera, Reduces Adaptive Immunity in Patients With Acute Liver Failure. *Gastroenterology* 2017

Bernsmeier C, Albano E. Liver dendritic cells and NAFLD evolution: A remaining open issue. *J Hepatol* 2017

Bernsmeier C, Heim M, Marra F, Tornillo L, Semela D, Muscogiuri G, Krol I, Makowska Z, Provenzano A, Dill M, Duong F. Hepatic Notch1 deletion predisposes to diabetes and steatosis via glucose-6-phosphatase and perilipin-5 upregulation. *Lab Invest* 2016; 96:972-80.

Vergis N, James S, Foxton M, Hogan B, Foster G, O'Brien A, Ma Y, Shawcross D, Wendon J, Antoniadou C, Abeles R, Ryan J, Khamri W, Beale K, Sadiq F, Aletrari M, Moore C, Atkinson S, Bernsmeier C, Possamai L, Petts G, Thursz M. Defective monocyte oxidative burst predicts infection in alcoholic hepatitis and is associated with reduced expression of NADPH oxidase. *Gut* 2016

Manakkat Vijay G, Ma Y, Wendon J, Chokshi S, Willars C, Auzinger G, Bernal W, Taylor N, Markwick L, Tranah T, McPhail M, Riva A, Bernsmeier C, Patel V, Ramage S, Abeles R, Ryan J, Shawcross D. Neutrophil Toll-Like Receptor 9 Expression and the Systemic Inflammatory Response in Acetaminophen-Induced Acute Liver Failure. *Crit Care Med* 2016; 44:43-53.

Bernsmeier C, Weisskopf D, Pflueger M, Mosimann J, Campana B, Terracciano L, Beglinger C, Heim M, Cajochen C. Sleep Disruption and Daytime Sleepiness Correlating with Disease Severity and Insulin Resistance in Non-Alcoholic Fatty Liver Disease: A Comparison with Healthy Controls. *PloS one* 2015; 10:e0143293.

Larsen F, Antoniadou C, Hansen B, Frederiksen H, Hockerstedt K, Clemmesen J, Bjerring P, Eefsen M, Shawcross D, Auzinger G, Bernal W, Triantafyllou E, Patel V, Isoniemi H, Rasmussen A, Bernsmeier C, Schmidt L, Wendon J. High-volume plasma exchange in patients with acute liver failure: An open randomised controlled trial. <i>J Hepatol</i> 2015; 64:69–78.
Bernsmeier C, Singanayagam A, Patel V, Wendon J, Antoniadou C. Immunotherapy in the treatment and prevention of infection in acute-on-chronic liver failure. <i>Immunotherapy</i> 2015; 7:641–54.
Bernsmeier C, Heneghan M, Ma Y, Jassem W, Heaton N, Adams D, Quaglia A, Thursz M, Wendon J, Auzinger G, Bernal W, Khamri W, Pop O, Singanayagam A, Triantafyllou E, Patel V, Weston C, Curbishley S, Sadiq F, Vergis N, Antoniadou C. Patients With Acute-on-Chronic Liver Failure Have Increased Numbers of Regulatory Immune Cells Expressing the Receptor Tyrosine Kinase MERTK. <i>Gastroenterology</i> 2014; 148:603–615.e14.
Bernsmeier C, Antoniadou C, Wendon J. What's new in acute liver failure?. <i>Intensive Care Med</i> 2014; 40:1545–8.
Balmer M, McCoy K, Heim M, Dickgreber N, Stroka D, Wyss M, Ronchi F, Bernsmeier C, Patuto N, Fahrner R, Van Vlierberghe H, Grieco A, Miele L, Hapfelmeier S, Lawson M, De Gottardi A, Slack E, Macpherson A. The liver may act as a firewall mediating mutualism between the host and its gut commensal microbiota. <i>Sci Transl Med</i> 2014; 6:237ra66.
Antoniadou C, Heneghan M, Heaton N, Jassem W, Bernal W, Vergani D, Ma Y, Quaglia A, Wendon J, Goldin R, Gilroy D, Khamri W, Abeles R, Taams L, Triantafyllou E, Possamai L, Bernsmeier C, Mitry R, O'Brien A, Thursz M. Secretory leukocyte protease inhibitor: a pivotal mediator of anti-inflammatory responses in acetaminophen-induced acute liver failure. <i>Hepatology</i> 2014; 59:1564–76.
Bernsmeier C, Meyer-Gerspach A, Blaser L, Jeker L, Steinert R, Heim M, Beglinger C. Glucose-induced glucagon-like Peptide 1 secretion is deficient in patients with non-alcoholic fatty liver disease. <i>PLoS one</i> 2014; 9:e87488.
Bernsmeier C, Calabrese D, Heim M, Duong H. Hepatitis C virus dysregulates glucose homeostasis by a dual mechanism involving induction of PGC1 α and dephosphorylation of FoxO1. <i>J Viral Hepat</i> 2013; 21:9–18.
Huber X, Drosier R, Bernsmeier C, Kirchhoff P. When a colonoscopy becomes a duodenoscopy: a palliative treatment of a malignant sigmoidoduodenal fistula. <i>BMJ Case Rep</i> 2013; 2013
Rosin C, Bernsmeier C, Entenza J, Moreillon P, Frei R, Maja W, Fluckiger U. Daptomycin for highly resistant <i>Enterococcus faecium</i> infection. <i>Swiss Med Wkly</i> 2012; 142:w13603.
Filipowicz M, Bernsmeier C, Terracciano L, Duong F, Heim M. S-adenosyl-methionine and betaine improve early virological response in chronic hepatitis C patients with previous nonresponse. <i>PLoS one</i> 2010; 5:e15492.
Osthoff M, Bernsmeier C, Marsch S, Hunziker P. Levosimendan as treatment option in severe verapamil intoxication: a case report and review of the literature. <i>Case Rep Med</i> 2010; 2010
Bernsmeier C, Heim M. Insulin resistance in chronic hepatitis C: mechanisms and clinical relevance. <i>Swiss Med Wkly</i> 2009; 139:678–84.
Bernsmeier C, Duong F, Christen V, Pugnale P, Negro F, Terracciano L, Heim M. Virus-induced over-expression of protein phosphatase 2A inhibits insulin signalling in chronic hepatitis C. <i>J Hepatol</i> 2008; 49:429–40.

Christen V, Duong F, Bernsmeier C, Sun D, Nassal M, Heim M. Inhibition of alpha interferon signaling by hepatitis B virus. *J Virol* 2006; 81:159-65.

von Wagner M, Herrmann E, Häussinger D, Bernsmeier C, Bergk A, Heintges T, Rasenack J, Hinrichsen H, Berg T, Huber M, Zeuzem S. Peginterferon-alpha-2a (40KD) and ribavirin for 16 or 24 weeks in patients with genotype 2 or 3 chronic hepatitis C. *Gastroenterology* 2005; 129:522-7.

Projects (3)

MERTK signalling in monocytes/macrophages in patients with liver disease

Fundamental Research - Nov 15, 2015 - Sep 30, 2019

Automatically Closed

OPTIMIS - Beobachtung der Behandlung mit oder ohne Nexavar von Patienten mit HCC nach erfolgter TACE und des Einschlusses des zeitlichen Beginns der nexavartherapie

Clinical Studies - Mar 30, 2015 - Sep 30, 2017

Completed

Abbvie M14-423 An Open Label, Multicenter Study to Evaluate Long-Term Outcomes With ABT-450/Ritonavir/ ABT-267 and ABT-333 With or Without Ribavirin in Adults With Genotyp 1 Chronic Hepatitis C Infection

Clinical Studies - Mar 26, 2015 - Mar 31, 2020

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