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**Units**

Gastroenterology/Hepatology

## Publications (28)

Moschouri E, Salemme G, Baserga A, Cerny A, Deibel A, Muellhaupt B, Meier M, Bernsmeier C, Ongaro M, Negro F, Grosjean M, Clerc O, Künzler-Heule P, Semela D, Hobi G, Stickel F, Mathieu A, Mdawar-Bailly E, Faouzi M, Moradpour D, Fraga M. Real-life experience of chronic hepatitis C treatment in Switzerland: a retrospective analysis. *Swiss Med Wkly* 2024; 154:3698.

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, Muellhaupt 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

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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.

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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, Antoniades 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. *J Hepatol* 2015; 64:69-78.

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Bernsmeier C, Antoniades C, Wendon J. What's new in acute liver failure?. *Intensive Care Med* 2014; 40:1545-8.

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Antoniades 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. *Hepatology* 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. *PLoS one* 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 $\alpha$  and dephosphorylation of FoxO1. *J Viral Hepat* 2013; 21:9-18.

Huber X, Droezer R, Bernsmeier C, Kirchoff P. When a colonoscopy becomes a duodenoscopy: a palliative treatment of a malignant sigmoidoduodenal fistula. *BMJ Case Rep* 2013; 2013

Rosin C, Bernsmeier C, Entenza J, Moreillon P, Frei R, Maja W, Fluckiger U. Daptomycin for highly resistant *Enterococcus faecium* infection. *Swiss Med Wkly* 2012; 142:w13603.

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Osthoff M, Bernsmeier C, Marsch S, Hunziker P. Levosimendan as treatment option in severe verapamil intoxication: a case report and review of the literature. *Case Rep Med* 2010; 2010

Bernsmeier C, Heim M. Insulin resistance in chronic hepatitis C: mechanisms and clinical relevance. *Swiss Med Wkly* 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. *J Hepatol* 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.

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## 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*

*Automatically Closed*