

**Publikationen 2005 – Klinik für Gastroenterologie u. Hepatologie**

- (1) Ajaj, W. M.; Lauenstein, T. C.; Langhorst, J.; Kuehle, C.; Goyen, M.; Zoepf, T.; Ruehm, S. G.; Gerken, G.; Debatin, J. F.; Goehde, S. C. Small Bowel Hydro-MR Imaging for Optimized Ileocecal Distension in Crohn's Disease: Should an Additional Rectal Enema Filling Be Performed? *J Magn Reson Imaging*. **2005**, *22*, 92-100.
- (2) Ajaj, W. M.; Lauenstein, T. C.; Pelster, G.; Gerken, G.; Ruehm, S. G.; Debatin, J. F.; Goehde, S. C. Magnetic Resonance Colonography for the Detection of Inflammatory Diseases of the Large Bowel: Quantifying the Inflammatory Activity. *Gut*. **2005**, *54*, 257-263.
- (3) Ajaj, W. M.; Ruehm, S. G.; Lauenstein, T.; Goehde, S.; Kuehle, C.; Herborn, C. U.; Langhorst, J.; Zoepf, T.; Gerken, G.; Goyen, M. Dark-Lumen Magnetic Resonance Colonography in Patients With Suspected Sigmoid Diverticulitis: a Feasibility Study. *Eur Radiol*. **2005**, *15*, 2316-2322.
- (4) Auth, M. K.; Kim, H. S.; Beste, M.; Bonzel, K. E.; Baumann, U.; Ballauff, A.; Wallot, M.; Borchers, T.; Vester, U.; Grasmann, C.; Hauffa, B.; Hoyer, P. F.; Gerken, G.; Voit, T. Removal of Metabolites, Cytokines and Hepatic Growth Factors by Extracorporeal Liver Support in Children. *J Pediatr Gastroenterol Nutr*. **2005**, *40*, 54-59.
- (5) Auth, M. K.; Woitaschek, D.; Beste, M.; Schreiter, T.; Kim, H. S.; Oppermann, E.; Joplin, R. E.; Baumann, U.; Hilgard, P.; Nadalin, S.; Markus, B. H.; Blaheta, R. A. Preservation of the Synthetic and Metabolic Capacity of Isolated Human Hepatocytes by Coculture With Human Biliary Epithelial Cells. *Liver Transpl*. **2005**, *11*, 410-419.
- (6) Baskin-Bey, E. S.; Canbay, A.; Bronk, S. F.; Werneburg, N.; Guicciardi, M. E.; Nyberg, S. L.; Gores, G. J. Cathepsin B Inactivation Attenuates Hepatocyte Apoptosis and Liver Damage in Steatotic Livers After Cold Ischemia-Warm Reperfusion Injury. *Am J Physiol Gastrointest Liver Physiol*. **2005**, *288*, G396-G402.
- (7) Beckebaum, S.; Cicinnati, V. R.; Kang, J.; Koop, K.; Yu, Z.; Chen, X.; Frilling, A.; Broelsch, C. E.; Gerken, G. Interferon-Alpha Treatment Alters Homing Properties of Circulating Dendritic Cells in Patients With Chronic HCV Infection. *J Hepatol*. **2005**, *42 Suppl.*, 8.
- (8) Böcher, W. O.; Fuchs, M.; Buggisch, P.; Kaiser, S.; Link, R.; Antoni, C.; Schlaak, J.; Witthoft, T.; Galle, P.; Löhr, H. Daily Consensus Interferon/Ribavirin Versus Peg-Interferon Alfa2b/Ribavirin in Treatment-Naive Patients With Chronic Hepatitis C and Serotype-2 or-3: Interim Results From the PACT-Trial. *Hepatology*. **2005**, *42 Suppl.*, 700A.
- (9) Böcher, W. O.; Fuchs, M.; Buggisch, P.; Kaiser, S.; Link, R.; Nalop, J.; Antoni, C.; Schlaak, J.; Witthoft, T.; Galle, P. R.; Löhr, H. F. Interim Results From the PACT-Trial: High Antiviral Efficacy of Daily Consensus Interferon/Ribavirin Compared to Peg-Interferon Alfa2b/Ribavirin in Treatment-Naive Patients With Chronic Hepatitis C and Serotype-2 or-3. *Gastroenterology*. **2005**, *128 Suppl.*, A714.
- (10) Bockhorn, M.; Dammann, P.; Prokofiev, D.; Goralski, M.; Grünewald, P.; Schlaak, J. F.; Frilling, A.; Broelsch, C. E. VEGF As a Potent Stimulator of Liver Regeneration After Partial Hepatectomy. *J Hepatol*. **2005**, *42 Suppl.*, 133.

- (11) Canbay, A.; Chen, S. Y.; Gieseler, R. K.; Malago, M.; Karliova, M.; Gerken, G.; Broelsch, C. E.; Treichel, U. Overweight Patients Are More Susceptible for Acute Liver Failure. *Hepatogastroenterology*. **2005**, *52*, 1516-1520.
- (12) Canbay, A.; Gieseler, R. K.; Gores, G. J.; Gerken, G. The Relationship Between Apoptosis and Non-Alcoholic Fatty Liver Disease: an Evolutionary Cornerstone Turned Pathogenic. *Z Gastroenterol*. **2005**, *43*, 211-217.
- (13) Canbay, A.; Kip, S. N.; Kahraman, A.; Gieseler, R. K.; Nayci, A.; Gerken, G. Apoptosis and Fibrosis in Non-Alcoholic Fatty Liver Disease. *Turk J Gastroenterol*. **2005**, *16*, 1-6.
- (14) Cario, E. Bacterial Interactions With Cells of the Intestinal Mucosa: Toll-Like Receptors and NOD2. *Gut*. **2005**, *54*, 1182-1193.
- (15) Cario, E.; Akira, S.; Gerken, G.; Podolsky, D. K. Toll-Like Receptor (TLR) 2 - Induced Activation of the PI3K-Akt-Pathway Limits Immune Responsiveness and Promotes Survival of Intestinal Epithelial Cells Via Myd88. *Gastroenterology*. **2005**, *128 Suppl.*, A4.
- (16) Cario, E.; Gerken, G.; Podolsky, D. K. Endogenous MD-2 Glycocomplex Resides in the Endoplasmic Reticulum of Intestinal Epithelial Cells and Is Differentially Regulated in Active Inflammatory Bowel Disease. *Gastroenterology*. **2005**, *128 Suppl.*, A215.
- (17) Cario, E.; Podolsky, D. K. Intestinal Epithelial TOLLerance Versus InTOLLerance of Commensals. *Mol Immunol*. **2005**, *42*, 887-893.
- (18) Dechene, A.; Treichel, U.; Gerken, G.; Hilgard, P. Effectiveness of a Steroid- and Ursodesoxycholic Acid Combination Therapy With Drug-Induced Subacute Liver Failure. *Hepatology*. **2005**, *42 Suppl.*, 358A.
- (19) Elsenbruch, S.; Lucas, A.; Gerken, G.; Heijnen, C. J.; Kavelaars, A.; Holtmann, G.; Schedlowski, M. Psychoneuroimmunological Responses to Psychological and Visceral Stress in Irritable Bowel Syndrome. *Psychother Psychosom Med Psychol*. **2005**, *55*, 97.
- (20) Elsenbruch, S.; Lucas, A.; Riemenschneider, N.; Gerken, G.; Holtmann, G.; Kavelaars, A.; Heijnen, C. J.; Schedlowski, M. Visceral Pain and Public Speaking Stress: Neuroendocrine and Immune Cell Responses in Healthy Subjects. *J Psychophysiol*. **2005**, *19*, 114.
- (21) Erim, Y.; Beckmann, M.; Beckebaum, S.; Tagay, S.; Gerken, G.; Broelsch, C. E.; Senf, W. TERS Measured Compliance, Social Functioning and Mental Disorders in Patients With End Stage Liver Disease Before Listing for Liver Transplant. *J Psychosom Res*. **2005**, *59*, 28-29.
- (22) Erim, Y.; Beckmann, M.; Beckebourn, S.; Tagay, S.; Gerken, G.; Senf, W. Psychological Disorders and Compliance in Liver Disorder Patients in the Evaluation of Liver Transplantation. *Psychother Psychosom Med Psychol*. **2005**, *55*, 125-126.
- (23) Gerken, G. [Indication and Exclusion Criteria for Living Related Liver Transplantation]. *Dtsch Med Wochenschr*. **2005**, *130 Suppl*, S244-S245.
- (24) Hilgard, P.; Broering, R.; Trippler, M.; Siepen, M. A. D.; Viazov, S.; Gerken, G.; Schlaak, J. Differential Role of Carcinoembryonic Antigenrelated Cell Adhesion

- Molecule (CEACAM-1) During Interferon-Alpha Treatment of HCV Infection in Vivo and in Vitro. *Hepatology*. **2005**, *42 Suppl.*, 560A.
- (25) Hilgard, P.; Gerken, G. Liver Cirrhosis As a Consequence of Iron Overload Caused by Hereditary Nonspherocytic Hemolytic Anemia. *World J Gastroenterol*. **2005**, *11*, 1241-1244.
- (26) Hilgard, P.; Studentsov, Y. Y.; Tietjens, A.; Gerken, G.; Stockert, R. J. A Chimeric Hepatitis C-Dengue Virus Assembles into a Virus Like Particle With Infective Properties. *Hepatology*. **2005**, *42 Suppl.*, 549A-550A.
- (27) Hilgard, P.; Treichel, U.; Dries, V.; Dienes, H. P.; Gerken, G. Cryoglobulin-Associated Uptake of Hepatitis C Virus into Human Hepatocytes. *Hepatogastroenterology*. **2005**, *52*, 1534-1540.
- (28) Holtmann, M. H.; Krummenauer, F.; Claas, C.; Kremeyer, K.; Lorenz, D.; Rainer, O.; Vogel, I.; Galle, P. R.; Boecker, U.; Boehm, S.; Buming, C.; Duchmann, R.; Gerken, G.; Herfarth, H.; Lingerling, N.; Kruis, W.; Reinshagen, M.; Schmidt, J.; Stallmach, A.; Stein, J.; Sturm, A.; Hommes, D.; D'Haens, G.; Rutgeerts, P.; Neurath, M. Long-Term Efficacy of AZathioprine (Aza) in Inflammatory Bowel Disease (IBD) - a European Multicenter Study in 1200 Patients With Crohn's Disease (CD) and Ulcerative Colitis (UC). *Gastroenterology*. **2005**, *128 Suppl.*, A13.
- (29) Janssen, H. L.; van Zonneveld, M.; Senturk, H.; Zeuzem, S.; Akarca, U. S.; Cakaloglu, Y.; Simon, C.; So, T. M.; Gerken, G.; de Man, R. A.; Niesters, H. G.; Zondervan, P.; Hansen, B.; Schalm, S. W. Pegylated Interferon Alfa-2b Alone or in Combination With Lamivudine for HBeAg-Positive Chronic Hepatitis B: a Randomised Trial. *Lancet*. **2005**, *365*, 123-129.
- (30) Janssen, H. L. A.; van Zonneveld, M.; Senturk, H.; Zeuzem, S.; Akarca, U.; Cakaloglu, Y.; Simon, K.; Kit, T. S. M.; Gerken, G.; de Man, R. A.; Niesters, H. G. M.; Schalm, S. W. Peginterferon Alfa-2b Alone or in Combination With Lamivudine for Chronic HBeAg-Positive Hepatitis B: a Randomized Controlled Trial. *Eur J Gastroenterol Hepatol*. **2005**, *17*, A11.
- (31) Jochum, C.; Beste, M.; Zellmer, E.; Harkey, M. A.; Graves, S. S.; Storb, R. F. Stable Mixed Hematopoietic Chimerism in Dogs Conditioned With Donor Antigen, Anti-CD154 Antibody and 100cGy TBI. *Blood*. **2005**, *106*, 386B.
- (32) Jones, M.; Davidson, A.; Hibbert, L.; Grünewald, P.; Schlaak, J.; Ball, S.; Foster, G. R.; Jacobs, M. Dengue Virus Inhibits Alpha Interferon Signaling by Reducing STAT2 Expression. *J Virol*. **2005**, *79*, 5414-5420.
- (33) Klein, C.; Gerken, G. [Evaluation of Non-Invasive Scores in the Follow-Up of Chronic Hepatitis]. *Schweiz Rundsch Med Pract*. **2005**, *94*, 645-647.
- (34) Lang, H.; Sotiropoulos, G. C.; Saner, F. H.; Frühauf, N. R.; Radecke, K.; Niebel, W.; Broelsch, C. E. Benign Esophagorespiratory Fistula Complicated by Deep Impaction of Stent Mesh in the Esophageal Wall. *Endoscopy*. **2005**, *37*, 185-186.
- (35) Liu, C.; Schreiter, T.; Frilling, A.; Dahmen, U.; Broelsch, C. E.; Gerken, G.; Treichel, U. Cyclosporine A, FK-506, 40-0-[2-Hydroxyethyl]Rapamycin and Mycophenolate Mofetil Inhibit Proliferation of Human Intrahepatic Biliary Epithelial Cells in Vitro. *World J Gastroenterol*. **2005**, *11*, 7602-7605.
- (36) Nadalin, S.; Malago, M.; Valentin-Gamazo, C.; Testa, G.; Baba, H. A.; Liu, C.; Frühauf, N. R.; Schaffer, R.; Gerken, G.; Frilling, A.; Broelsch, C. E. Preoperative

- Donor Liver Biopsy for Adult Living Donor Liver Transplantation: Risks and Benefits. *Liver Transpl.* **2005**, *11*, 980-986.
- (37) Radecke, K.; Frühauf, N. R.; Miller, M.; Ross, B.; Köditz, R.; Malago, M.; Broelsch, C. E.; Gerken, G.; Treichel, U. Outcome After Orthotopic Liver Transplantation in Five HIV-Infected Patients With Virus Hepatitis-Induced Cirrhosis. *Liver Int.* **2005**, *25*, 101-108.
- (38) Radecke, K.; Gerken, G.; Treichel, U. Impact of a Self-Expanding, Plastic Esophageal Stent on Various Esophageal Stenoses, Fistulas, and Leakages: a Single-Center Experience in 39 Patients. *Gastrointest Endosc.* **2005**, *61*, 812-818.
- (39) Rünzi, M.; Niebel, W.; Goebell, H.; Gerken, G.; Layer, P. Severe Acute Pancreatitis: Nonsurgical Treatment of Infected Necroses. *Pancreas.* **2005**, *30*, 195-199.
- (40) Sarrazin, C.; Berg, T.; Weich, V.; Mueller, T.; Frey, U. H.; Zeuzem, S.; Gerken, G.; Roggendorf, M.; Siffert, W. GNB3 C825T Polymorphism and Response to Interferon-Alpha/Ribavirin Treatment in Patients With Hepatitis C Virus Genotype 1 (HCV-1) Infection. *J Hepatol.* **2005**, *43*, 388-393.
- (41) Schreiter, T.; Liu, C.; Gerken, G.; Treichel, U. Detection of Circulating Autoantibodies Directed Against the Asialoglycoprotein Receptor Using Recombinant Receptor Subunit H1. *J Immunol Methods.* **2005**, *301*, 1-10.
- (42) Schreiter, T.; Rebmann, V.; Dolar, A.; Lang, H.; Gerken, G.; Grosse-Wilde, H. Membrane-Bound and Soluble HLA Class I Expression on Cultured Human Hepatocytes in Presence and Absence of IFN-G. *Genes Immun.* **2005**, *6 Suppl. 1*, S61.
- (43) Sotiropoulos, G. C.; Kaiser, G. M.; Lang, H.; Treckmann, J.; Brokalaki, E. I.; Pottgen, C.; Gerken, G.; Paul, A.; Broelsch, C. E. Staging Laparoscopy in Gastric Cancer. *Eur J Med Res.* **2005**, *10*, 88-91.
- (44) Sotiropoulos, G. C.; Malago, M.; Molmenti, E.; Paul, A.; Nadalin, S.; Brokalaki, E. I.; Verhagen, R.; Dirsch, O.; Gerken, G.; Lang, H.; Broelsch, C. E. Efficacy of Transarterial Chemoembolization Prior to Liver Transplantation for Hepatocellular Carcinoma As Found in Pathology. *Hepatogastroenterology.* **2005**, *52*, 329-332.
- (45) Sotiropoulos, G. C.; Treckmann, J.; Radtke, A.; Antoch, G.; Brokalaki, E. I.; Schlaak, J.; Broelsch, C. E. Arterioportal Fistula Complicating Endoscopic Retrograde Cholangiography. *Endoscopy.* **2005**, *37*, 93-94.
- (46) Tagay, S.; Erim, Y.; Holtmann, G.; Haag, S.; Stoelk, B.; Langkafel, M.; Kielmann, R.; Heuft, G.; Herpertz, S.; Senf, W. The Paradox of Subjective Well-Being - a Group Comparison. *Psychother Psychosom Med Psychol.* **2005**, *55*, 155.
- (47) Tagay, S.; Haag, S.; Langkafel, M.; Heuft, G.; Holtmann, G.; Senf, W. Psychiatric Comorbidity Defines the Occupational Behaviour of Patients With Functional Dyspepsia. *Psychother Psychosom Med Psychol.* **2005**, *55*, 155.
- (48) Tillmann, H. L.; Hadem, J.; Leifeld, L.; Zachou, K.; Canbay, A.; Eisenbach, C.; Graziadei, I.; Encke, J.; Schmidt, H.; Vogel, W.; Schneider, A.; Gerken, G.; Spengler, U.; Dalekos, G. N.; Wedemeyer, H.; Manns, M. P. Lamivudine Ameliorates Severe Acute and Fulminant Hepatitis B; a Multicenter Experience. *Gastroenterology.* **2005**, *128 Suppl.*, A706-A707.

- (49) Trippler, M.; Bein, S.; Gerken, G.; Schlaak, J. F. Genome-Wide Analysis of the Primary Transcriptional Response to IFN-Alpha in Patients With Chronic Hepatitis C and Its Correlation With Clinical Outcome. *Hepatology*. **2005**, *42 Suppl.*, 520A.
- (50) Trippler, M.; Bein, S.; Koop, K.; Gerken, G.; Schlaak, J. F. Genome-Wide Analysis of the Transcriptional IFN-Alpha Response in Patients Treated for Hepatitis C - Identification of Genes That Are Associated With a Strong Antiviral Activity. *J Hepatol*. **2005**, *42 Suppl.*, 167.
- (51) Uhrig, A.; Banafsche, R.; Kremer, M.; Hamann, A.; Neurath, M.; Gerken, G.; Knolle, P. A. Development and Functional Consequences of LPS Tolerance in Sinusoidal Endothelial Cells of the Liver (Vol 77, Pg 626, 2005). *J Leukoc Biol*. **2005**, *78*, 5A.
- (52) Uhrig, A.; Banafsche, R.; Kremer, M.; Hegenbarth, S.; Hamann, A.; Neurath, M.; Gerken, G.; Limmer, A.; Knolle, P. A. Development and Functional Consequences of LPS Tolerance in Sinusoidal Endothelial Cells of the Liver. *J Leukoc Biol*. **2005**, *77*, 626-633.
- (53) van Zonneveld, M.; Flink, H. J.; Verhey, E.; Senturk, H.; Zeuzem, S.; Akarca, U. S.; Cakaloglu, Y.; Simon, C.; So, T. M. K.; Gerken, G.; de Man, R. A.; Hansen, B. E.; Schalm, S. W.; Janssen, H. L. A. The Safety of Pegylated Interferon Alpha-2b in the Treatment of Chronic Hepatitis B: Predictive Factors for Dose Reduction and Treatment Discontinuation. *Aliment Pharmacol Ther*. **2005**, *21*, 1163-1171.
- (54) Windisch, M. P.; Frese, M.; Kaul, A.; Trippler, M.; Lohmann, V.; Bartenschlager, R. Dissecting the Interferon-Induced Inhibition of Hepatitis C Virus Replication by Using a Novel Host Cell Line. *J Virol*. **2005**, *79*, 13778-13793.
- (55) Yu, Z.; Beckebaum, S.; Cicinnati, V. R.; Chen, X.; Frilling, A.; Gerken, G.; Broelsch, C. E. Immunological Monitoring in Liver Transplant Patients With Combined MMF and Low Dose CNI Therapy. *J Hepatol*. **2005**, *42 Suppl.*, 45.
- (56) Zoepf, T.; Jakobs, R.; Arnold, J. C.; Apel, D.; Riemann, J. F. Palliation of Nonresectable Bile Duct Cancer: Improved Survival After Photodynamic Therapy. *Am J Gastroenterol*. **2005**, *100*, 2426-2430.
- (57) Zoepf, T.; Maldonado-Lopez, E. J.; Hilgard, P.; Dechene, A.; Malago, M.; Broelsch, C. E.; Schlaak, J.; Gerken, G. Diagnosis of Biliary Strictures After Liver Transplantation: Which Is the Best Tool? *World J Gastroenterol*. **2005**, *11*, 2945-2948.
- (58) Zoepf, T.; Maldonado-Lopez, E. J.; Hilgard, P.; Schlaak, J.; Malago, M.; Broelsch, C. E.; Treichel, U.; Gerken, G. Endoscopic Therapy of Posttransplant Biliary Stenoses After Right-Sided Adult Living Donor Liver Transplantation. *Clin Gastroenterol Hepatol*. **2005**, *3*, 1144-1149.
- (59) Zoepf, T.; Schneider, A. R.; Weickert, U.; Riemann, J. F.; Arnold, J. C. Improved Preoperative Tumor Staging by 5-Aminolevulinic Acid Induced Fluorescence Laparoscopy. *Gastrointest Endosc*. **2005**, *62*, 763-767.