

## Literaturliste Dr. med. Thorsten Schlenker

### I. Wissenschaftliche Arbeiten

#### 1a Originalarbeiten

1. H. Kulaksiz, **T. Schlenker**, D. Rost, A. Stiehl, M. Volkmann, T. Lehnert, Y. Cetin, and W. Stremmel. Guanylin regulates chloride secretion in the human gallbladder via the bile fluid. *Gastroenterology* 126 (3):732-740, 2004.
2. J. Pohl, K. Pollmann, P. Sauer, A. Ring, W. Stremmel, and **T. Schlenker**. Antibiotic prophylaxis after variceal hemorrhage reduces incidence of early rebleeding. *HepatoGastroenterology* 51 (56):541-546, 2004.
3. R. Roman, A. P. Feranchak, M. Troetsch, J. C. Dunkelberg, G. Kilic, **T. Schlenker**, J. Schaack, and J. G. Fitz. Molecular characterization of volume-sensitive SK(Ca) channels in human liver cell lines. *Am.J.Physiol Gastrointest.Liver Physiol* 282 (1):G116-G122, 2002.
4. L. Schwake, A. W. Henkel, H. D. Riedel, **T. Schlenker**, M. Both, A. Migala, B. Hadaschik, N. Henfling, and W. Stremmel. Regulation of transferrin-induced endocytosis by wild-type and C282Y-mutant HFE in transfected HeLa cells. *Am.J.Physiol Cell Physiol* 282 (5):C973-C979, 2002.
5. **T. Schlenker**, A. P. Feranchak, L. Schwake, W. Stremmel, R. M. Roman, and J. G. Fitz. Functional interactions between oxidative stress, membrane Na<sup>+</sup> permeability and cell volume in rat hepatoma cells. *Gastroenterology* 118 (2):395-403, 2000.
6. M. V. St Pierre, **T. Schlenker**, J. F. Dufour, D. M. Jefferson, J. G. Fitz, and I. M. Arias. Stimulation of cyclic guanosine monophosphate production by natriuretic peptide in human biliary cells. *Gastroenterology* 114 (4):782-790, 1998.
7. **T. Schlenker**, J. M. Romac, A. I. Sharara, R. M. Roman, S. J. Kim, N. LaRusso, R. A. Liddle, and J. G. Fitz. Regulation of biliary secretion through apical purinergic receptors in cultured rat cholangiocytes. *Am.J.Physiol.* 273 (5 Pt 1):G1108-17, 1997.
8. Y. Wang, R. Roman, **T. Schlenker**, Y. A. Hannun, J. Raymond, and J. G. Fitz. Cytosolic Ca<sup>2+</sup> and protein kinase C $\alpha$  couple cellular metabolism to membrane K<sup>+</sup> permeability in a human biliary cell line. *J.Clin.Invest* 99 (12):2890-2897, 1997.
9. **T. Schlenker** and J. G. Fitz. Calcium-activated chloride channels in a human biliary cell line: regulation by Ca<sup>2+</sup>/calmodulin-dependent protein kinase. *Am.J.Physiol.* 271 (2 Pt 1):G304-10, 1996.
10. J. Rudi, **T. Schlenker**, R. Raedsch, R. Waldherr, M. Zorn, and W. Stremmel. Effect of ursodeoxycholic acid on biochemical parameters, hepatocyte proliferation and liver histology in galactosamine hepatitis in the rat. *Res.Exp.Med.(Berl)* 195 (5):309-315, 1995.
11. G. H. Shimokura, J. M. McGill, **T. Schlenker**, and J. G. Fitz. Ursodeoxycholate increases cytosolic calcium concentration and activates Cl<sup>-</sup> currents in a biliary cell line. *Gastroenterology* 109 (3):965-972, 1995.
12. J. Rudi, R. Raedsch, C. Gerteis, **T. Schlenker**, J. Plachky, I. Walter-Sack, A. Sabouraud, J. M. Scherrmann, and B. Kommerell. Plasma kinetics and biliary excretion of colchicine in

patients with chronic liver disease after oral administration of a single dose and after long-term treatment. *Scand.J.Gastroenterol.* 29 (4):346-351, 1994.

13. **T. Schlenker**, S. Apenberg, R. Raedsch, K. Andrassy, J. Plachky, and B. Kommerell. [Antineutrophil cytoplasmic antibodies in chronic inflammatory bowel diseases]. *Dtsch.Med.Wochenschr.* 117 (39):1463-1468, 1992.

## **Ib**      **Ausgewählte Abstracts (Kongressvorstellungen, Vorträge)**

1. **T. Schlenker**, L. Schwake, S. Hollmers, and W. Stremmel. Activation of  $K^+$  and  $Cl^-$  currents in a human cholangiocarcinoma cell line by  $H_2O_2$  is dose and  $Ca^{2+}$ -dependent. *Hepatology* 30:461A, 1999.
2. L. Schwake, **T. Schlenker**, and W. Stremmel. Sowohl hypertoner als auch oxidativer Stress bewirken eine  $Ca^{2+}$ -abhaengige Aktivierung von Ionenkanaelen: Zellvolumen als second messenger? *Z.Gastroenterol.*, 1999.
3. S. Engler, P. Sauer, C. Benz, **T. Schlenker**, W. Stremmel, and B. Kallinowski. Response zweier intensivierter Impfschemata (20 ug und 40 ug HBsAg) mit rekombinanter Hepatitis B-Vakzine bei Lebertransplantationskandidaten. *Z.Gastroenterol.*, 1998.
4. **T. Schlenker**, L. Schwake, J. G. Fitz, and W. Stremmel. Bedeutung von Ionenkanälen für die Volumenregulation von Cholangiozyten und Hepatozyten bei oxidativem Stress. *Z.Gastroenterol.* 36:659, 1998.
5. **T. Schlenker**, L. Schwake, S. Lauterbach, V. Ehemann, J. G. Fitz, and W. Stremmel. Activation of different ion channels in cholangiocytes and hepatocytes: a possible explanation for different susceptibility to oxidative stress? *Gastroenterology* 114:A1336, 1998.
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7. **T. Schlenker** and J. G. Fitz. Opening of non-selective cation channels restores cell volume during oxidative stress in a rat hepatoma cell line. *Gastroenterology* 112:A1376, 1997.
8. **T. Schlenker** and J. G. Fitz. Intracellular perfusion with  $IP_3$  activates  $K^+$  and  $Cl^-$  currents in a human biliary cell line. *Gastroenterology* 110:1315A, 1996.
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10. **T. Schlenker**, R. M. Roman, and J. G. Fitz. Calcium-activated chloride channels in a human biliary cell line: a potential site for regulation of ductular secretion. *Gastroenterology* 108:A1165, 1995.
11. **T. Schlenker**, J. Rudi, J. M. Krause, R. Raedsch, B. Kommerell, and H. J. Gross. Serum sialyltransferase activity and pattern in patients with gastrointestinal tumours. *Eur.J.Clin.Invest.* 24:15, 1994.
12. J. Rudi, R. Raedsch, **T. Schlenker**, J. Mohr, R. Waldherr, and B. Kommerell. Immunocytochemical identification of proliferating hepatocytes using a monoclonal antibody

- against proliferating cell nuclear antigen in human liver biopsies. *Eur.J.Clin.Invest.* 23:16, 1993.
13. **T. Schlenker**, R. Raedsch, J. Rudi, J. Plachky, B. Kommerell, and J. M. Scherrmann. Colchicine does not diminish ursodeoxycholate stimulated bile flow and biliary lipid excretion in rat. *Eur.J.Clin.Invest.* 23:15, 1993.
  14. J. Rudi, R. Raedsch, C. Gerteis, **T. Schlenker**, J. Plachky, A. Sabouraud, J. M. Scherrmann, and B. Kommerell. Serum kinetics and biliary excretion of colchicine in patients with chronic liver disease after oral single dose. *Hepatology* 16:270A, 1992.
  15. **T. Schlenker**, R. Raedsch, J. Plachky, A. Stiehl, and B. Kommerell. Effective hepatic amidation of ursodeoxycholic acid after infusion of ursodeoxycholic acid in rat. *Eur.J.Clin.Invest.* 22:18, 1992.
  16. **T. Schlenker**, R. Raedsch, J. Rudi, C. Gerteis, J. Plachky, B. Kommerell, A. Sabouraud, and J. M. Scherrmann. Effect of colchicine on biliary lipid and bile acid excretion in the rat during infusion of ursodeoxycholic acid. *Hepatology* 16:260, 1992.
  17. **T. Schlenker**, R. Raedsch, A. Stiehl, P. Kloeters-Plachky, J. Plachky, and B. Kommerell. Einfluss von Ursodeoxycholsäure im Vergleich zu anderen Gallensäuren auf die biliäre Bilirubinexkretion bei der Ratte. *Klin.Wochenschr.* 69:86, 1991.
  18. **T. Schlenker**, R. Raedsch, J. Plachky, A. Stiehl, and B. Kommerell. Glycine and taurine conjugation of ursodeoxycholic acid (urso) excreted into bile during infusion of unconjugated urso in rat. *Hepatology* 14:261, 1991.
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### III Buchbeiträge

1. **T. Schlenker**, JF Meyer, C. Elsing: Angeborene Defekte des Membrantransportsystems, zystische Fibrose. In Schölmerich J Medizinische Therapie 2007/2008, 3. Auflage, Springer Verlag Heidelberg, S.501-509, 2007.
2. **T. Schlenker**, C.Elsing: Angeborene Defekte des Membrantransportsystems, zystische Fibrose. In Strohmeier, Stremmel, Niederau, Angeborene Stoffwechselerkrankungen. EcoMed Verlag Landsberg/Lech, S.239-259, 2002.

### IV Übersichtsarbeiten

1. C. Elsing, **T. Schlenker**, and W. Stremmel. [Medical aspects of fitness to be remanded in custody or be imprisoned]. *Dtsch.Med.Wochenschr.* 126 (40):1118-1121, 2001.
2. **T. Schlenker** and L. Schwake. Lebererkrankung bei zystischer Fibrose: Neue pathophysiologische Erkenntnisse als Grundlage neuer Therapiekonzepte. *Verdauungskrankheiten* 16:230-236, 1998.

3. **T. Schlenker**. Bericht vom 13. Internationalen Gallensaurenmeeting in San Diego. 1994.
4. **T. Schlenker**. Chronic inflammatory bowel diseases [Chronisch entzündliche Darmerkrankungen.]. *Leber.Magen.Darm*. 24 (2):85-90, 1994.

### **V Case reports (Fallberichte)**

1. M. Görner, R. Seggewiss, **T. Schlenker**, W. Stremmel, and A. D. Ho. A case of severe refractory thrombotic thrombocytopenic purpura responding to treatment with 13-cis retinoic acid. Anonymous. Anonymous. *Br.J.Haematol*. 117:249-251, 2002.
2. L. Schwake, **T. Schlenker**, S. Schwake, W. J. Hofmann, and W. Stremmel. [Ulcers of the colon in association with nonsteroidal anti-inflammatory drugs (NSAID)--a rare cause of gastrointestinal bleeding? Report of 3 cases]. *Z.Gastroenterol*. 38 (12):957-961, 2000.
3. **T. Schlenker**, R. Raedsch, J. X. DeVries, E. Schmitz-Kummer, I. Walter-Sack, E. M. Rothe, and B. Kommerell. Self-medication for abdominal discomfort resulting in life-threatening consequences. *Clin.Investig*. 72 (1):74-75, 1993.