

## Publikationen

### Prof. Dr. med. Hasan Kulaksiz

#### **Endoskopie:**

Strnad P, von Figura G, Gruss R, Jareis KM, Stiehl A, **Kulaksiz H.** Oblique bile duct predisposes to the recurrence of bile duct stones. *PLoS One* 2013; 8; e54601

**Kulaksiz H**, Strnad P, Thomas Barth, Schirmacher P, Adler G, Stiehl A. A novel method of forceps biopsy improves the diagnosis of proximal biliary malignancies. *Dig Dis Sci* 2011; 56; 596-601

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Gotthardt DN, Rudolph G, Klöters-Plachky P, **Kulaksiz H**, Stiehl A. Endoscopic dilation of dominant stenoses in primary sclerosing cholangitis: outcome after long-term treatment. *Gastrointest Endosc* 2010; 71: 527-534

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von Figura G, Stephani J, Wagner M, Wegener M, Wolf C, Adler G, **Kulaksiz H.** Secondary sclerosing cholangitis after chemotherapy with bevacizumab and paclitaxel. *Endoscopy* 2009; 41; E153-154

**Kulaksiz H**, Weiss KH, Gotthardt D, Adler G, Stremmel W, Schaible A, Dogan A, Stiehl A, Sauer P. Is stenting necessary after balloon dilatation of post-transplantation biliary strictures? Results of a prospective comparative study. *Endoscopy* 2008; 40; 746-751

**Kulaksiz H**, Heuberger D, Engler S, Stiehl A. Poor outcome in progressive sclerosing cholangitis after septic shock. *Endoscopy* 2008; 40; 214-218

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#### **Endokrinologie:**

Schwarz P, Strnad P, von Figura G, Janetzko A, Krayenbühl P, Adler G, **Kulaksiz H.** A novel monoclonal antibody immunoassay for the detection of human serum hepcidin. *J Gastroenterol*. 2011; 46; 648-656

Schwarz P, Strnad P, Singer N, Oswald F, Ehehalt R, Adler G, **Kulaksiz H.** Identification, sequencing, and cellular localization of hepcidin in guinea pig (Carvia porcellus). *J Endocrinol* 2009; 202:389-396

**Kulaksiz H**, Fein E, Redecker P, Stremmel W, Adler G, Cetin Y. Pancreatic  $\beta$ -cells express hepcidin, an iron-uptake regulatory peptide. *J Endocrinol* 2008; 197; 241-249

Fein E, Merle U, Ehehalt R, **Kulaksiz H.** Regulation of hepcidin in HepG2 and RINm5F cells. *Peptides* 2007; 28; 951-957

**Kulaksiz H**, Theilig F, Bachmann S, Gehrke SG, Rost D, Janetzko A, Cetin Y, Stremmel W. The iron-regulatory peptide hormone hepcidin: expression and cellular localization in the mammalian kidney. *J Endocrinology* 2005; 184; 361-370

**Kulaksiz H**, Schlenker T, Rost D, Stiehl A, Volkmann M, Lehnert T, Cetin Y, Stremmel W. Guanylin regulates chloride secretion in the human gallbladder via the bile fluid. *Gastroenterology* 2004; 126; 732-740

**Kulaksiz H**, Gehrke S, Janetzko A, Rost D, Bruckner T, Kallinowski B, Stremmel W. Pro-hepcidin: expression and cell-specific localization in the liver and its regulation in hereditary hemochromatosis, chronic renal insufficiency, and renal anemia. *Gut* 2004; 53; 735-743

**Kulaksiz H**, Schmid A, Hönscheid M, Ramaswamy A, Cetin Y. Clara cell impact in air-side activation of CFTR in small pulmonary airways. *Proc Natl Acad Sci USA* 2002; 99; 6796-6801

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**Kulaksiz H**, Cetin Y. Uroguanylin and guanylate cyclase C in the human pancreas: expression and mutuality of ligand-receptor localization as indicators of intercellular paracrine signaling pathways. *J Endocrinology* 2001; 170; 267-275

**Kulaksiz H**, Arnold R, Göke B, Maronde E, Meyer M, Fahrenholz F, Forssmann WG, Eissele R. Expression and cell-specific localization of the cholecystokinin B/gastrin receptor in the human stomach. *Cell Tissue Res* 2000; 299: 289-298

Kuhn, M., **Kulaksiz, H.**, Adermann, K., Rechkemmer, G., Forssmann, W.G. Radioimmunoassay for circulating human guanylin. *FEBS Lett* 1994; 314: 218 – 222

## Infektiologie:

Schwarz, P, Strnad P, Adler G, **Kulaksiz H**. Hepcidin is localized in gastric parietal cells, regulates acid secretion and is induced by *H. pylori* infection. *GUT* 2012; 61; 193-201

Strnad P, Schwarz P, Rasenack MC, Kucukoglu O, Habib RI, Heuberger D, Ehehalt R, Müller MW, Stiehl A, Adler G, **Kulaksiz H**. Hepcidin is an antibacterial, stress-inducible peptide of the biliary system. *PLoS One*. 2011; 6; e16454

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**Kulaksiz H**, Rudolph G, Kloeters-Plachky P, Sauer P, Geiss H, Stiehl A. Biliary candida infections in primary sclerosing cholangitis. *J Hepatol* 2006; 45; 711-716

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von Figura G, Hartmann D, Pauls S, Barth TF, Adler G, Henne-Bruns D, **Kulaksiz H**. Difficult diagnosis of a large cystic retroperitoneal tumor mimicking a hepatic origin. *Z Gastroenterol* 2010; 48; 1301-1304

Ehehalt R, Krautter M, Zorn M, Sparla R, Fullekrug J, **Kulaksiz H**, Stremmel W. Increased basolateral sorting of carcinoembryonic antigen in a polarized colon carcinoma cell line after cholesterol depletion-Implications for treatment of inflammatory bowel disease. *World J Gastroenterol* 2008; 14; 1528-1533

Bekeredjian R, Kroll RD, Fein E, Tinkov S, Coester C, Winter G, Katus HA, **Kulaksiz H**. Ultrasound targeted microbubble destruction increases capillary permeability in hepatomas. *Ultrasound in Medicine and Biology* 2007; 33; 1592-1598

Rau S, Autschbach F, Riedel HD, Konig J, **Kulaksiz H**, Stiehl A, Riemann JF, Rost D. Expression of the multidrug resistance proteins MRP2 and MRP3 in human cholangiocellular carcinomas. *Eur J Clin Invest* 2008; 38; 134-142

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**Kulaksiz H**, Rehberg E, Stremmel W, Cetin Y. Guanylin and functional coupling proteins in the human salivary glands and gland tumors. *Am J Pathol* 2002; 161; 655-664

**Kulaksiz H**, Eissele R, Rössler D, Schulz S, Höllt V, Cetin Y, Arnold R. Identification of somatostatin receptor subtypes 1, 2A, 3 and 5 in neuroendocrine tumors with subtype-specific antibodies. *Gut* 2002; 50: 52-60

## Innere Medizin:

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Jesse S, Lehnert S, Jahn O, Parnetti L, Soininen H, Herukka SK, Steinacker P, Tawfik S, Tumani H, von Armin CA, Neumann M, Kretzschmar HA, **Kulaksiz H**, Lenter M, Wiltfang J, Ferger B, Hengerer B, Otto M. Differential sialylation of serpin A1 in the early diagnosis of Parkinson's disease dementia. *PLoS One* 2012; 7; e48783

Theurl I, Schroll A, Nairz M, Seifert M, Theurl M, Sonnweber T, **Kulaksiz H**, Weiss G. Pathways for the regulation of hepcidin expression in anemia of chronic disease and iron deficiency anemia in vivo. *Haematologica* 2011; 96; 1761-1769

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