

Publikationsverzeichnis

Originalpublikationen in peer-reviewed Journals

1. Xue B, **Müller MH**, Li J, Pesch T, Kasperek MS, Sibaev A, Hausmann M, Rogler G, Kreis ME. Mast cells and the cyclooxygenase pathway mediate colonic afferent nerve sensitization in a murine colitis model. *Auton Neurosci*. 2013 Mar;174(1-2):47-53. Epub 2013 Feb 4. **(IF 1,942)**
2. Goetz B, Benhaqi P, **Müller MH**, Kreis ME, Kasperek MS. Changes in beta-adrenergic neurotransmission during postoperative ileus in rat circular jejunal muscle. *Neurogastroenterol Motil*. 2013 Feb;25(2):154-e84. Epub 2012 Sep 26 **(IF 3,414)**
3. Kreis ME, **Mueller MH**, Thasler WH. Hartmann's procedure or primary anastomosis? *Dig Dis*. 2012;30(1):83-5. Epub 2012 May 3 **(IF 2,117)**
4. Renz B, Angele MK, Jauch KW, Kasperek MS, Kreis M, **Müller MH**. Learning from Aviation - How to Increase Patient Safety in Surgery.] *Zentralbl Chir*. 2012 Apr;137(2):149-54. doi: 10.1055/s-0031-1271361. Epub 2011 Apr 14. **(IF 1)**
5. Kasperek MS, Bruckmeier A, Beigel F, **Müller MH**, Brand S, Mansmann U, Jauch KW, Ochsenkühn T, Kreis ME. Infliximab does not affect postoperative complication rates in Crohn's patients undergoing abdominal surgery. *Inflamm Bowel Dis*. 2012 Jul;18(7):1207-13. Epub 2011 Sep 16 **(IF 4,855)**
6. Kreis ME, Seeliger H, **Müller MH**, Thasler WE, Jauch KW. [Rectal cancer: preservation of function and risk of recurrence]. *MMW Fortschr Med*. 2011 Sep 1;153(35):29-30. **(IF 0,53)**
7. **Mueller MH**, Karpitschka M, Gao Z, Mittler S, Kasperek MS, Renz B, Sibaev A, Glatzle J, Li Y, Kreis ME. Vagal Innervation and Early Postoperative Ileus in Mice. *J Gastrointest Surg*. 2011 Mar 25. [Epub ahead of print] **(IF 2,4)**
8. Eisner F, Jacob P, Frick JS, Feilitzsch M, Geisel J, **Mueller MH**, Küper MA, Raybould HE, Königsrainer I, Glatzle J. Immunonutrition with Long-Chain Fatty Acids Prevents Activation of Macrophages in the Gut Wall. *J Gastrointest Surg*. 2011 Mar 8. [Epub ahead of print] **(IF 2,4)**
9. **Mario H. Mueller**, Martina Karpitschka, Bernhard Renz, Axel Kleespies, Michael S. Kasperek, Karl-Walter Jauch and Martin E. Kreis. Co-morbidity and postsurgical outcome in patients with perforated sigmoid diverticulitis. *Int J Colorectal Dis*. 2011 Feb;26(2):227-34 **(IF: 2,1)**
10. **Müller MH**, Kreis ME. [Diverticulitis: what's new?] *MMW Fortschr Med*. 2010 Feb 25;152(8):42-5 **(IF 0,53)**

11. Gao Z, **Müller MH**, Karpitschka M, Mittler S, Kasperek MS, Renz B, SibaeV A, Glatzle J, Li Y, Kreis ME. Role of the vagus nerve on the development of postoperative ileus. *Langenbecks Arch Surg.* 2010; 395: 407-411. **(IF: 1,367)**
12. Yüce B, Kemmer M, Qian G, **Müller M**, SibaeV A, Li Y, Kreis ME, Storr M. Cannabinoid 1 receptors modulate intestinal sensory and motor function in rat. *Neurogastroenterol Motil.* 2010 Jun;22(6):672-e205. **(IF 3,57)**
13. Lang RA, Buhmann S, Lautenschlager C, **Müller MH**, Lienemann A, Jauch KW, Kreis ME. Stapled transanal rectal resection for symptomatic intussusception: morphological and functional outcome. *Surg Endosc.* 2010 Aug;24(8):1969-75. **(IF 3,23)**
14. **Mueller MH**, Xue B, Glatzle J, Hahn J, Grundy D, Kreis ME. Extrinsic Afferent Nerve Sensitivity and Enteric Neurotransmission in Murine Jejunum in vitro. *Am J Physiol Gastrointest Liver Physiol.* 2009 Oct;297(4):G655-62. **(IF 3,7)**
15. Liu CY, **Mueller MH**, Rogler G, Grundy D, Kreis ME. Differential afferent sensitivity to mucosal lipopolysaccharide from *Salmonella typhimurium* and *Escherichia coli* in the rat jejunum. *Neurogastroenterol Motil.* 2009 Dec;21(12):1335-e129. **(IF 3,57)**
16. Kleespies A, Füessl KE, Seeliger H, Eichhorn ME, **Müller MH**, Rentsch M, Thasler WE, Angele MK, Kreis ME, Jauch KW. Determinants of morbidity and survival after elective non-curative resection of stage IV colon and rectal cancer. *Int J Colorectal Dis.* 2009 Sep;24(9):1097-109. **(IF: 1,749)**
17. Gakis G. **Mueller MH**. Grundy D. Kreis ME. Neuronal activation in the nucleus of the solitary tract following jejunal lipopolysaccharide in the rat. *Autonomic Neuroscience* 2009 Jun 15;148(1-2):63-8. **(IF 1,389)**
18. **Mueller MH**, Karpitschka M, Xue B, Kasperek MS, SibaeV A, Glatzle J, Kreis ME. Intestinal Afferent Nerve Sensitivity is Increased During the Initial Development of Postoperative Ileus in Mice. *J Gastrointest Surg.* 2009 Mar;13(3):423-31. **(IF 2,29)**
19. **M. H. Mueller**, Q. Gong, O. Kelber, J. Glatzle, M. S. Kasperek, A. SibaeV, U. Mansmann, B. Yuce, L. Yongyu, M. Storr, M. E. Kreis. A novel herbal preparation desensitizes mesenteric afferents to bradykinin in the rat small intestine. *Neurogastroenterol Motil* 2009 Mar;21(3):322-34. **(IF 3,364)**

20. Xue B, Hausmann M, **Müller MH**, Pesch T, Karpitschka M, Kasperek MS, Hu WC, Sibaev A, Rogler G, Kreis ME. Afferent nerve sensitivity is decreased by an iNOS-dependent mechanism during indomethacin-induced inflammation in the murine jejunum in vitro. *Neurogastroenterol Motil.* 2009 Mar;21(3):322-34. **(IF 3,364)**
21. **Müller MH**, Moubarak P, Wolff H, Küchenhoff H, Jauch KW, Hartl WH. Independent determinants of early death in critically ill surgical patients. *Shock* 2008; 30(1): 11-16. **(IF 3,325)**
22. Kasperek MS, Glatzle J, **Mueller MH**, Schneider A, Koenigsrainer A, Kreis ME. Postoperative Complications have Little Influence on Long-term Quality of Life in Crohn's Patients. *J Gastrointest Surg.* 2008 Mar;12(3):569-576. **(IF 2,29)**
23. **Mueller MH**, Glatzle J, Kampitoglou D, Hahn J, Grundy D, Kreis ME. Differential sensitization of afferent neuronal pathways during postoperative ileus in the mouse jejunum. *Annals of Surgery.* May 2008; 247(5):791-802. **(IF 6,328)**
24. Kasperek MS, Glatzle J, Temeltcheva T, **Mueller MH**, Koenigsrainer A, Kreis ME. Long-term quality of life in patients of Cohn's Disease and perianal fistulas. Influence of fecal diversion. *Dis Colon Rectum.* 2007 Dec;50(12):2067-74. **(IF 2,264)**
25. Liu CY, **Mueller MH**, Grundy D, Kreis ME. Vagal modulation of intestinal afferent sensitivity to systemic lipopolysaccharide (LPS) in the rat. *Am J Physiol Gastrointest Liver Physiol.* 2007 292(5): 1213-1220. **(IF 3,761)**
26. **Mueller MH**, Geis M, Glatzle J, Kasperek M, Meile T, Jehle EC, Kreis ME, Zittel TT Risk of fecal diversion in complicated perianal Crohn's disease. *J of Gastrointest Surgery* 2007; 11(4): 529-537. **(IF: 2,29)**
27. Glatzle J, Kasperek MS, **Mueller MH**, Binder F, Meile T, Kreis ME, Konigsrainer A, Steurer W. Enteral Immunonutrition During Sepsis Prevents Pulmonary Dysfunction in a Rat Model. *J Gastrointest Surg.* 2007 11(6): 719-24. **(IF: 2,29)**
28. Jacob P, **Mueller MH**, Hahn J, Wolk I, Mayer P, Nagele U, Hennenlotter J, Stenzl A, Konigsrainer A. Alterations of neuropeptides in the human gut during peritonitis. *Langenbecks Arch Surg.* 2007 May;392(3):267-71. **(IF: 1,367)**
29. Glatzle J, Beckert S, Kasperek MS, **Mueller MH**, Mayer P, Meile T, Konigsrainer A, Steurer W. Olive oil is more potent than fish oil to reduce septic pulmonary dysfunctions in rats. *Langenbecks Arch Surg.* 2007 May;392(3):323-9. **(IF: 1,367)**

30. Kasperek MS, Glatzle J, **Mueller MH**, Vogt A, Koenigsrainer A, Zittel TT, Kreis ME. Postoperative colonic motility after tropisetron and a standardized meal in patients undergoing conventional colorectal surgery. *Int J Colorectal Dis.* 2007; 22(5): 121-129. **(IF: 1,749)**
31. **M. H. Müller**, C.-Y. Liu, J. Glatzle, D. Weiser, O. Kelber, D. Grundy, M. E. Kreis. Reduction of gastrointestinal hypersensitivity by STW 5. *Phytomedicine.* 2006; 13 Suppl 1:100-106. **(IF: 1,35)**
32. **Mueller MH**, Kampaoglou D, Glatzle J, Hahn J, Kreis ME. Systemic capsaicin inhibits neuronal activation in the brainstem during postoperative ileus in the mouse. *Langenbecks Arch Surg.* 2006; 391(2): 88-95. **(IF: 1,37)**
33. **Mueller MH**, Glatzle J, Kuemmerle G, Becket HD, Jehle EC, Kreis ME. Long-term outcome of conservative treatment in patients with diverticulitis of the sigmoid colon. *European Journal of Gastroenterology and Hepatology* 2005; 17(6):649-654. **(IF: 1,69)**
34. Wang B, Glatzle J, **Mueller MH**, Kreis M, Enck P, Grundy D. Lipopolysaccharide (LPS)-induced changes in mesenteric afferent sensitivity of rat jejunum in vitro: role of prostaglandins. *Am J Physiol Gastrointest Liver Physiol.* 2005; 289(2):G254-60. **(IF: 3,47)**
35. Liu C.Y, Jiang W, **Müller MH**, Grundy D, Kreis ME. Sensitization of mesenteric afferents to chemical and mechanical stimuli following systemic bacterial lipopolysaccharide. *Neurogastroenterol Motil.* 2005 Feb;17(1):89-101. **(IF: 2,57)**
36. Liu CY, **Müller MH**, Glatzle J, Weiser D, Kelber O, Enck P, Grundy D, Kreis ME. The herbal preparation STW 5 (Ibergast) desensitizes intestinal afferents in the rat small intestine. *Neurogastroenterol Motil.* 2004 Dec;16(6): 759-164. **(IF: 2,57)**
37. Kasperek MS, **Mueller MH**, Glatzle J, Enck P, Becker HD, Zittel TT, Kreis ME. Postoperative colonic motility increases after early food intake in patients undergoing colorectal surgery. *Surgery.* 2004; 136: 1019-27. **(IF: 2,57)**
38. Glatzle J, Leutenegger CM, **Mueller MH**, Kreis ME, Raxbould HE, Zittel TT. Mesenteric lymph collected during peritonitis or sepsis potentially inhibits gastric motility in rats. *J Gastrointest. Surgery.* 2004 Sep-Oct; 8(6): 645-652. **(IF: 2,29)**
39. Kasperek M, **Muller MH**, Glatzle J, Manncke K, Becker HD, Zittel TT, Kreis ME. Postoperative colonic motility in patients following laparoscopic-assisted and open sigmoid colectomy. *J Gastrointest Surg.* 2003 Dec; 7(8): 1073-81. **(IF: 1,88)**

40. Kreis ME, **Mueller MH**, Reber D, Glatzle J, Enck P, Grundy D. Stress-induced attenuation of brain stem activation following intestinal anaphylaxis in the rat. Neuroscience Letters 2003 Jul; 345 (3): 187-191. **(IF: 1,97)**
41. **Mueller MH**, Kreis ME, Gross L, Becker HD, Zittel TT, Jehle EC. Anorectal function disorders in the absence of anorectal inflammation in patients with Crohn's disease. Br J Surg 2002, 89: 1027-1031. **(IF: 3,72)**
42. Zittel TT, Glatzle J, **Müller M**, Kreis ME, Raybould HE, Becker HD, Jehle EC. Total gastrectomy severely alters the central regulation of food intake in rats. Ann Surg. 2002 Aug; 236(2):166-176. **(IF: 6,67)**
43. Kreis ME, **Müller M.**, Zittel TT, Glatzle J, Grundy D. Mediators of central neuronal activation following intestinal anaphylaxis in rat. Neuroscience Letters 2000 Jul, 289 (1): 45-48. **(IF: 2,09)**

Publikationen national

1. **Müller MH.** Tumoren nach Nierentransplantationen. Das Erkrankungsrisiko ist deutlich erhöht. Dialyse aktuell. 2009; 13(10): 558-562.
2. Hans-Dieter Allescher, **Mario H. Mueller**, Bettina R. Vinson, Olaf Kelber, Dieter Weiser. Multi-Target-Therapie bei funktionellen Magen-Darm-Erkrankungen. Z. Phytother. 2009; 30(3): 123-128.
3. **Mueller MH**, Karpitschka M, Xue B, Kasperek MS, SibaeV A, Glatzle J, Kreis ME Die Frühphase des postoperativen Ileus bei der Maus ist durch eine Hypersensibilität für Bradykinin charakterisiert. Chirurgisches Forum 2008;
4. Allescher HD, Mönnikes H, Wagner H, Madisch A, **Müller MH.** Sodbrennen ein Symptom mit vielfältigen Ursachen-müssen wir umdenken? Zeitschrift für Gastroenterologie Beilage Heft 3, Band HLVI, März 2008
5. Glatzle J, Beckert S, Kasperek MS, **Müller MH**, Meile T, Königsrainer A, Steurer W. Septische Lungenfunktionsstörungen können durch eine enterale Immunonutrition mit Olivenöl positiv beeinflusst werden. Chirurgisches Forum, Dtsch Ges Chir 36:1-3, 2007.
6. Jacob P, **Mueller MH**, Hahn J, Nagele U, Hennenlotter J, Stenzl A, Königsrainer A, Glatzle J. Die Expression von motilitätshemmenden Neuropeptiden im menschlichen Dünndarm ist während einer Peritonitis signifikant erhöht. Chirurgisches Forum, Dtsch Ges Chir 36:199-201, 2007
7. **Mueller MH**, Kampitoglou D, Glatzle J, Hahn J, Grundy D, Kreis ME. Aktivierung vagaler Hirnstammnervenkerne nach Gabe des Neurotoxins Capsaicin während des postoperativen Ileus. Chirurgisches Forum 2006; 35: 191-192.
8. **Müller MH**, Kreis ME, Jauch KW. Surgery for diverticular disease: pro laproscopy. Eds. A. Forbes, W. Kruis, K. W. Jauch, S. Wexner. Springer Verlag, Berlin, pp. 147-151 (2005).
9. **Mueller MH**, Glatzle J, Hahn J, Grundy D, Jauch KW, Kreis ME. Aktivierung vagaler Hirnstammkerne und extrinsischer afferenter Nervenfasen nach selektiver COX-2 Inhibition während des postoperativen Ileus bei der Maus. Chirurgisches Forum 2005;; 189-191.
10. **Mueller MH.**, Kampitoglou D, Glatzle J, Zittel TT, Grundy D, Kreis ME. Aktivierung vagaler Hirnstammkerne und Sensibilität extrinsischer afferenter Nervenfasern während des postoperativen Ileus bei der Maus. Chirurgisches Forum 2004; 33: 283-285.

11. Glatzle J, Türck HM, Wilhelm W, **Müller MH**, Skirmuntt C, Raybould HE, Becker HD, Zittel TT. Viszerale Lymphmediatoren die während einer Sepsis freigesetzt werden, hemmen die Magen-, Dünndarm- und Dickdarmmotilität bei der Ratte. . Chirurgisches Forum 2003; 32: 295-297.
12. **Mueller MH**, Glatzle J, Kunze W, Becker HD, Grundy D, Kreis ME. Afferente intestinale Sensibilität während des postoperativen Ileus bei der Maus - ein neues *in vitro* Modell. . Chirurgisches Forum 2003; 32: 291-293.