

ORIGINALARBEITEN / PUBLIKATIONEN

Priv. Doz. Dr. Klaus Prenzel

1. Herrmann G, Wlaschek M, Lange TS, **Prenzel K**, Goerz G, Scharffetter-Kochanek K. UVA irradiation stimulates the synthesis of various matrix-metalloproteinases (MMPs) in cultured human fibroblasts. *Exp Dermatol* 1993;2:92-97
2. Izbicki JR, Kreusser T, Meier M, **Prenzel KL**, Knoefel WT, Passlick B, Kuntz G, Schiele U, Thetter O. Fibrin glue coated collagen fleece in thoracic surgery - experimental comparison with infrared coagulation and clinical implications. *Thorac-Cardiovasc-Surg* 1994;42(5):306-9
3. **Prenzel KL**, Fröschle GW, Meyer-Pannwitt U, Achilles E, Broelsch CE. Pseudomyxoma Peritonei- Diagnostik und Therapie. *Aktuelle Chirurgie* 1994;29:100-103
4. Hosch SB, Zornig C, Izbicki JR, **Prenzel KL**, Thonke F, Broelsch CE. Operative Korrektur von Gallengangsverletzungen nach laparoskopischer Cholezystektomie. *Zentralbl-Chir* 1996;121(4):290-3
5. Herrmann G, Wlaschek M, Bolsen K, **Prenzel K**, Goerz G, Scharffetter-Kochanek K. Photosensitization of uroporphyrin augments the ultraviolet A-induced synthesis of matrix metalloproteinases in human dermal fibroblasts. *J Invest Dermatol* 1996;107(3):398-403
6. Hosch SB, Meyer AJ, Schneider C, Stoeklein N, **Prenzel KL**, Pantel K, Broelsch CE, Izbicki JR. Expression and prognostic significance of HLA Class I, ICAM-1, and tumor infiltrating lymphocytes in esophageal cancer. *J Gastrointest Surg* 1997;1(4):316-323
7. Hoorens A, **Prenzel K**, Lemoine N, Klöppel G. Undifferentiated carcinoma of the pancreas: analysis of intermediate filament profile and K-ras mutations provides evidence for a ductal origin. *J Pathol* 1998;185(1):53-60
8. **Prenzel KL**, Schneider PM, Hölscher AH. Lymphknotenstaging in der chirurgischen Therapie des Bronchialkarzinoms. *Atemwegs- und Lungenkrankheiten* 2001;27(4):195-201
9. Gutschow CA, Schröder W, **Prenzel K**, Bollschweiler E, Romagnoli R, Collard JM, Hölscher AH. Impact of antireflux surgery on Barrett's esophagus. *Langenbecks Arch Surg* 2002;387(3-4):138-45.
10. **Prenzel KL**, Monig SP, Sinning JM, Baldus SE, Brochhagen HG, Schneider PM, Hölscher AH. Lymph node size and metastatic infiltration in non-small cell lung cancer. *Chest* 2003; 123(2):46:463-467
11. **Prenzel KL**, Monig SP, Sinning JM, Baldus SE, Gutschow CA, Grass G, Schneider PM, Hölscher AH. Role of skip metastasis to mediastinal lymph nodes in non-small cell lung cancer. *J Surg Oncol* 2003;82(4):256-60
12. **Prenzel KL**, Isenberg J, Helling HJ, Rehm KE. Candida infection in hip alloarthroplasty. *Unfallchirurg.* 2003;106(1):70-2
13. Knoefel WT, **Prenzel KL**, Peiper M, Hosch SB, Gundlach M, Eisenberger CF, Strate T, Scheunemann P, Rogiers X, Izbicki JR. Klatskin tumors and Klatskin mimicking lesions of the biliary tree. *Eur J Surg Oncol.* 2003;29(8):658-61.
14. **Prenzel KL**, Baldus SE, Mönig SP, Tack D, Gutschow CA, Grass G, Sinning JM, Schneider PM, Hölscher AH. Skip metastasis in non-small cell lung cancer - predictive markers and isolated tumor cells to N1 lymph nodes. *Cancer* 2004;100:1909-17

ORIGINALARBEITEN / PUBLIKATIONEN

Priv. Doz. Dr. Klaus Prenzel

15. Bartsch DK, Kress R, Sina-Frey M, Grutzmann R, Gerdes B, Pilarsky C, Heise JW, Schulte KM, Colombo-Benkmann M, Schleicher C, Witzigmann H, Pridohl O, Ghadimi MB, Horstmann O, von Bernstorff W, Jochimsen L, Schmidt J, Eisold S, Estevez-Schwarz L, Hahn SA, Schulmann K, Bock W, Gress TM, Zugel N, Breitschaft K, **Prenzel K**, Messmann H, Endlicher E, Schneider M, Ziegler A, Schmiegel W, Schafer H, Rothmund M, Rieder H. Prevalence of familial pancreatic cancer in Germany. *Int J Cancer* 2004;110(6):902-6.
16. Brabender J, **Prenzel KL**, Schneider PM, Hölscher AH. Therapieverfahren bei der Bronchusstumpfinsuffizienz. *Chir Praxis* 2005;64:75-87.
17. Gutschow CA, Collet P, **Prenzel K**, Hölscher AH, Schneider PM. Long-term results and gastroesophageal reflux in a series of laparoscopic adjustable gastric banding. *J Gastrointest Surg.* 2005;9(7):941-948.
18. Bollschweiler E, Baldus SE, Schröder W, **Prenzel K**, Gutschow C, Schneider PM, Hölscher AH. High rate of lymph-node metastasis in submucosal esophageal squamous-cell carcinomas and adenocarcinomas. *Endoscopy* 2006;38(2):149-156
19. **Prenzel KL**, Warnecke-Eberz U, Xi H, Brabender J, Baldus SE, Bollschweiler E, Gutschow CA, Hölscher AH, Schneider PM. Significant Overexpression of SPARC/Osteonectin mRNA in Pancreatic Cancer Compared to Cancer of the Papilla of Vater. *Oncol Rep* 2006;15(5):1397-401
20. **Prenzel KL**, Warnecke-Eberz U, Brabender J, Baldus SE, Bollschweiler E, Drebber U, Hoelscher AH, Schneider PM. Differential c-erbB-1 and c-erbB-2 mRNA Expression in Cancer of the Pancreas compared to Cancer of the Papilla of Vater. *World J Gastroenterol* 2006;12(3):437-42
21. **Prenzel KL**, Schäfer E, Stippel D, Beckurts KTE, Hölscher AH. Multiple giant leiomyomas of the esophagus and stomach. *Dis Esophagus* 2006;19(6):504-8
22. Schröder W, **Prenzel K**, Baldus SE, Mönig SP, Schneider PM, Hölscher AH. Localization of isolated lymph node metastases in esophageal cancer--does it influence the sentinel node concept? *Hepatogastroenterology* 2007;54(76):1116-20
23. Hoffmann AC, Warnecke-Eberz U, Luebke T, **Prenzel K**, Metzger R, Heitmann M, Neiss S, Vallbohmer D, Hoelscher AH, Schneider PM. Survivin mRNA in peripheral blood is frequently detected and significantly decreased following resection of gastrointestinal cancers. *J Surg Oncol* 2007;95(1):51-4
24. **Prenzel KL***, König A*, Schneider PM, Schnickmann C, Baldus SE, Schröder W, Bollschweiler E, Dienes HP, Mueller RP, Izbicki JR, Hölscher AH. Reduced incidence of nodal micrometastasis after major response to neoadjuvant chemoradiation in locally advanced esophageal cancer. (*Both authors contributed equally) *Ann Surg Oncol* 2007;14(2):954-9
25. Hoffmann AC, Mori R, Vallbohmer D, Brabender J, Klein E, Drebber U, Baldus SE, Cooc J, Azuma M, Metzger R, Hoelscher AH, Danenberg KD, **Prenzel KL**, Danenberg PV. High expression of HIF1a is a predictor of clinical outcome in patients with pancreatic ductal adenocarcinomas and correlated to PDGFA, VEGF, and bFGF. *Neoplasia.* 2008;10(7):674-9
26. Vallböhmer D, Hölscher AH, Brabender J, **Prenzel K**, Gutschow C, Schröder W, Metzger R, Bollschweiler E. Clinicopathologic and prognostic factors of young and elderly patients with esophageal adenocarcinoma: is there really a difference? *Dis Esophagus* 2008;21(7):596-600
27. Schleimer K, Stippel DL, Kasper HU, **Prenzel K**, Gaudig C, Tawadros S, Hoelscher AH, Beckurts KT. Portal Vein Arterialization Increases Hepatocellular Apoptosis and Inhibits Liver Regeneration. *J Surg Res;* 2008;149(2):250-8.

ORIGINALARBEITEN / PUBLIKATIONEN

Priv. Doz. Dr. Klaus Prenzel

28. Warnecke-Eberz U, **Prenzel KL**, Baldus SE, Metzger R, Dienes HP, Bollschweiler E, Hoelscher AH, Schneider PM. Significant down-regulation of the plasminogen activator inhibitor 1 mRNA in pancreatic cancer. *Pancreas* 2008;36(2):173-7
29. Stippel DL, Bangard C, **Prenzel K**, Yavuzyasar S, Fischer JH, Hölscher AH. Which parameters are needed for targeting a multitined radiofrequency device-an approach to a simple algorithm. *Langenbecks Arch Surg* 2009;394(4):671-79
30. Koenig AM*, **Prenzel KL***, Bogoevski D, Yekebas EF, Bubenheim M, Faithova L, Vashist YK, Gawad KA, Baldus SE, Pantel K, Schneider PM, Hölscher AH, Izbicki JR. Strong Impact of Micrometastatic Tumor Cell Load in Patients with Esophageal Carcinoma. (*Both authors contributed equally) *Ann Surg Oncol* 2009;16(2):454-62
31. Hoffmann AC, Mori R, Vallbohmer D, Brabender J, Drebber U, Baldus SE, Klein E, Azuma M, Metzger R, Hoffmann C, Hoelscher AH, Danenberg KD, **Prenzel KL**, Danenberg PV. High expression of heparanase is significantly associated with dedifferentiation and lymph node metastasis in patients with pancreatic ductal adenocarcinomas and correlated to PDGFA and via HIF1a to HB-EGF and bFGF. *J Gastrointest Surg* 2008;12(10):1674-81
32. Hoffmann AC, Vallböhmer D, **Prenzel K**, Metzger R, Heitmann M, Neiss S, Ling F, Hölscher AH, Schneider PM, Brabender J. Methylated DAPK and APC promoter DNA detection in peripheral blood is significantly associated with apparent residual tumor and outcome. *J Cancer Res Clin Oncol.* 2009;135(9):1231-7.
33. Fetzner UK, **Prenzel KL**, Alakus H, Hölscher AH, Stippel DL. Precise Preoperative Imaging and Adequate Oncologic Resection is Most Important in Achieving Long-Term Prognosis in Gallbladder Cancer. *World J Surg.* 2010;34(9);2262-3.
34. Alakus H, Batur M, Schmidt M, Drebber U, Baldus SE, Vallböhmer D, **Prenzel KL**, Metzger R, Bollschweiler E, Hölscher AH, Mönig SP. Variable 18F-fluorodeoxyglucose uptake in gastric cancer is associated with different levels of GLUT-1 expression. *Nucl Med Commun.* 2010;31(6):532-8
35. Hoffmann AC, Vallböhmer D, Grimminger P, Metzger R, **Prenzel KL**, Hoelscher AH, Brabender J. Preoperative survivin mRNA detection in peripheral blood is an independent predictor of outcome in esophageal carcinoma. *Pharmacogenomics.* 2010 Mar;11(3):341-7
36. **Prenzel KL**, Hölscher AH, Vallböhmer D, Drebber U, Gutschow CA, Mönig SP, Stippel DL. Lymph node size and metastatic infiltration in adenocarcinoma of the pancreatic head. *Eur J Surg Oncol.* 2010 ;36(10):993-96
37. Gutschow CA, Töx U, Leers J, Schäfer H, **Prenzel KL**, Hölscher AH. Botox, dilation, or myotomy? Clinical outcome of interventional and surgical therapies for achalasia. *Langenbecks Arch Surg.* 2010;395(8):1093-9.
38. **Prenzel KL**, Hölscher AH, Grabolle I, Fetzner U, Kleinert R, Gutschow CA, Stippel DL. Impact of duct-to-mucosa pancreaticojejunostomy with external drainage of the pancreatic duct after pancreaticoduodenectomy. *J Surg Res.* 2011;171(2):558-62.
39. Kleinert R, Wahba R, Bangard C, **Prenzel K**, Hölscher AH, Stippel D. Radiomorphology of the Habib sealer-induced resection plane during long-time followup: a longitudinal single center experience after 64 radiofrequency-assisted liver resections. *HPB Surg.* 2010;2010:403097.
40. **Prenzel KL**, Bollschweiler E, Schröder W, Mönig SP, Drebber U, Vallboehmer D, Hölscher AH. Prognostic relevance of skip metastases in esophageal cancer. *Ann Thorac Surg.* 2010;90(5):1662-7.

ORIGINALARBEITEN / PUBLIKATIONEN

Priv. Doz. Dr. Klaus Prenzel

41. Gutschow CA, Schröder W, Bludau M, Vallböhmer D, **Prenzel KL**, Bollschweiler E, Hölscher AH. Value of distal gastrectomy as a remedial operation for failed fundoplication. Zentralbl Chir. 2011;136(3):249-55.
42. Wahba R, Kleinert R, **Prenzel K**, Bangard C, Hölscher AH, Stippel DL. Laparoscopic deroofing of nonparasitic liver cysts with or without greater omentum flap. Surg Laparosc Endosc Percutan Tech. 2011;21(1):54-8
43. Twarock S, Freudenberger T, Poscher E, Dai G, Jannasch K, Dullin C, Alves F, **Prenzel K**, Knoefel WT, Stoecklein NH, Savani RC, Homey B, Fischer JW. Inhibition of oesophageal squamous cell carcinoma progression by in vivo targeting of hyaluronan synthesis. Mol Cancer. 2011; 23;10:30
44. Gutschow CA, Leers JM, Schröder W, **Prenzel KL**, Fuchs H, Bollschweiler E, Bludau M, Hölscher AH. Effect of aging on esophageal motility in patients with and without GERD. Ger Med Sci. 2011;9:Doc22.
45. **Prenzel KL**, Hölscher AH, Drebber U, Agavonova M, Gutschow CA, Bollschweiler E. Prognostic impact of nodal micrometastasis in early esophageal cancer. Eur J Surg Oncol. 2012;38(4):314-8.
46. Gutschow CA, Hölscher AH, Leers J, Fuchs H, Bludau M, **Prenzel KL**, Bollschweiler E, Schröder W. Health-related quality of life after Ivor Lewis esophagectomy. Langenbecks Arch Surg. 2013;398(2):231-7
47. Brabender J, Bollschweiler E, Hölscher AH, Strobel K, Gutschow C, **Prenzel K**, Grimminger P, Drebber U, Schröder W, Metzger R, Vallböhmer D
The prognostic impact of extracapsular lymph node involvement in rectal cancer patients: Implications for staging and adjuvant treatment strategies. Oncol Lett. 2012;3(4):825-830.
48. **Prenzel KL**, Hölscher AH, Drebber U, Bollschweiler E, Gutschow CA, Stippel DL, Mönig SP
Extracapsular lymph node spread as a negative prognostic factor of adenocarcinoma of the pancreas and cancer of the papilla of Vater. Pancreas. 2014 Jan;43(1):64-8.