



## **Curriculum vitae:**

**Name** Priv.-Doz. Dr. med. Carsten Kamphues, MHBA, FEBS, FACS

### **Studium:**

1998 - 2005 Rheinische Friedrich-Wilhelms-Universität zu Bonn

2004 - 2005

Praktisches Jahr:

Innere Medizin; Malteser-Krankenhaus Bonn

Chirurgie; Malteser-Krankenhaus Bonn

Orthopädie; Schulthess Klinik Zürich (CH)

06/2006

Dissertation zum Thema „Klinische und sonographische Untersuchung der Auswirkungen des Golfspiels auf die Schulter“; Doktorvater: Prof. Dr. med. Thomas Wallny

**Berufliche Laufbahn:**

- 01.07.2005 - 14.03.2007 Assistenzarzt, Klinik für Allgemein Chirurgie,  
Klinikum Kemperhof; Koblenz  
Direktor: Prof. Dr. med. Bernd H. Markus
- 03/2007 - 05/2014 Assistenzarzt; Klinik für Allgemein-, Viszeral- und  
Transplantationschirurgie; Charité Campus Virchow Klinikum;  
Direktor: Univ.-Prof. Dr. med. Peter Neuhaus
- 10/2010 Facharzt für Chirurgie
- 12/2013 Facharzt für Viszeralchirurgie
- 06/2014 - 02/2015 Assistenzarzt; Klinik für Allgemein-, Viszeral- und  
Transplantationschirurgie; Charité Campus Virchow Klinikum;  
Direktor: Univ.-Prof. Dr. med. Johann Pratschke
- 10/2014 Habilitation für das Fach „Chirurgie“  
Thema: Evaluierung von Prognosemarkern und Untersuchung  
neuer zielgerichteter Therapiemodelle im biliopankreatischen  
Karzinom
- 03/2015 – 02/2016 Assistenzarzt; Klinik für Allgemein-, Viszeral- und  
Gefäßchirurgie; Charité Campus Benjamin Franklin;  
Direktor: Univ.-Prof. Dr. med. Martin E. Kreis
- seit 04/2016 Oberarzt; Klinik für Allgemein-, Viszeral- und  
Gefäßchirurgie; Charité Campus Benjamin Franklin;  
Direktor: Univ.-Prof. Dr. med. Martin E. Kreis

10/2014 – 10/2016	Berufsbegleitender Masterstudiengang zum Master of Health Business Administration (MHBA); Friedrich Alexander Universität Erlangen-Nürnberg
09/2017 – 12/2017	200-Stundenkurs „Ärztliches Qualitätsmanagement“ Ärztchammer Berlin
10/2019	Fellow of the European Board of Surgery (FEBS) “Surgical Oncology”
10/2019	Fellow of the American College of Surgeons (FACS)

### **Drittmittelförderung der letzten 5 Jahre**

11/2017 – 03/2019:	Untersuchung der intratumoralen Tumorheterogenität beim humanen Pankreaskarzinom mittels DNA-Sequenzierung und Proteomik. Oskar-Helene-Heim-Stiftung (30.000 €)
10/2018 – 03/2019:	Etablierung von 2D und 3D-Primärzellkulturen aus Adenokarzinomen des Pankreas. Berliner Krebsgesellschaft (40.000 €)
01/2019 – 12/2020	Metastasis of MSI+ colorectal cancers – a role of inhibitory

immune receptors induced by tumor cell-derived signals

	Co-Antragsteller DKTK (180.000 €)
Ab 10/2019	Etablierung von Organoiden aus Adenokarzinomen des Magens und des gastroösophagealen Überganges Oskar-Helene-Heim-Stiftung (37.000 €)

Ab 12/2019

Generierung von T-Effektorzellen sowie Definition der immunologischen Signatur des duktales Adenokarzinoms des Pankreas

Co-Antragsteller

Zentrales Innovationsprogramm Mittelstand (ZIM) (136.000 €)

## Publikationsverzeichnis PD Dr. Carsten Kamphues

### 1. Originalarbeiten in Zeitschriften mit peer review-Verfahren als Erst- bzw. Letztautor

**1. Kamphues C**, Lotz K, Röcken C, Berg T, Eurich D, Pratschke J, Neuhaus P, Neumann UP.

Chances and limitations of non-invasive tests in the assessment of liver fibrosis in liver transplant patients.

Clin Transplant. 2010 Sep-Oct;24(5):652-9.

**2. Kamphues C**, Bova R, Röcken C, Neuhaus R, Pratschke J, Neuhaus P, Neumann UP.

Safety of mycophenolate mofetil monotherapy in patients after liver transplantation.

Ann Transplant. 2009 Oct-Dec;14(4):40-6.

**3. Kamphues C**, Seehofer D, Eisele RM, Denecke T, Pratschke J, Neumann UP, Neuhaus P.

Recurrent intrahepatic cholangiocarcinoma: single-center experience using repeated hepatectomy and radiofrequency ablation.

J Hepatobiliary Pancreat Sci. 2010 Jul;17(4):509-15.

**4. Kamphues C**, Engel S, Denecke T, Bova R, Hippler-Benscheidt M, Puhl G, Neuhaus P, Seehofer D.

Safety of liver resection and effect on quality of life in patients with benign hepatic disease: single center experience.

BMC Surg. 2011 Jul 26;11:16. doi: 10.1186/1471-2482-11-16.

**5. Kamphues C**, Bova R, Schricke D, Hippler-Benscheidt M, Klauschen F, Stenzinger A, Seehofer D, Glanemann M, Neuhaus P, Bahra M.

Postoperative complications deteriorate long-term outcome in pancreatic cancer patients.

Ann Surg Oncol. 2012 Mar;19(3):856-63.

**6. Kamphues C**, Rather M, Engel S, Schmidt SC, Neuhaus P, Seehofer D.

Laparoscopic fenestration of non-parasitic liver cysts and health-related quality of life assessment.

Updates Surg. 2011 Dec;63(4):243-7.

**7. Kamphues C**, Wittschieber D, Klauschen F, Kasajima A, Dietel M, Schmidt SC, Glanemann M, Bahra M, Neuhaus P, Weichert W, Stenzinger A.

Prolyl hydroxylase domain 2 protein is a strong prognostic marker in human gastric cancer.

Pathobiology. 2012;79(1):11-7.

**8. Kamphues C**, Klatt D, Bova R, Yahyazadeh A, Bahra M, Braun J, Klauschen F, Neuhaus P, Sack I, Asbach P.

Viscoelasticity-based magnetic resonance elastography for the assessment of liver fibrosis in hepatitis C patients after liver transplantation.

Rofo. 2012 Nov;184(11):1013-9.

**9. Kamphues C**, Seehofer D, Colletini F, Bahra M, Neuhaus P, Wust P, Denecke T, Gebauer B, Schnapauff D.

Preliminary experience with CT-guided high-dose rate brachytherapy as an alternative treatment for hepatic recurrence of cholangiocarcinoma.

HPB (Oxford). 2012 Dec;14(12):791-7.

**10. Kamphues C**, Al-Abadi H, Dürr A, Al-Abadi N, Schricke D, Bova R, Müller V, Stenzinger A, Klauschen F, Seehofer D, Neuhaus P, Bahra M.

DNA index as a strong prognostic factor in patients with adenocarcinoma of the pancreatic head: results of a 5-year prospective study.

Pancreas. 2013 Jul;42(5):807-12.

**11. Kamphues C**, Al-Abadi N, Dürr A, Bova R, Klauschen F, Stenzinger A, Bahra M, Al-Abadi H, Neuhaus P, Seehofer D.

The DNA index is a strong predictive marker in intrahepatic cholangiocarcinoma: the results of a five-year prospective study. Surg Today. 2014 Jul;44(7):1336-42.

**12. Riedlinger D**, Bahra M, Boas-Knoop S, Lippert S, Seehofer D, Bova R, Sauer IM, Neuhaus P, Koch A, **Kamphues C**.

The Hedgehog pathway as a potential treatment target in human cholangiocarcinoma. J Hepatobiliary Pancreat Sci. 2014 Aug;21(8):607-15.

**13. Kamphues C**, Bova R, Bahra M, Klauschen F, Muckenhuber A, Sinn BV, Warth A, Goepfert B, Endris V, Neuhaus P, Weichert W, Stenzinger A.

[Ataxia-telangiectasia-mutated protein kinase levels stratify patients with pancreatic adenocarcinoma into prognostic subgroups with loss being a strong indicator of poor survival.](#)

Pancreas. 2015 Mar;44(2):296-301.

**14. Kamphues C**, Al-Abadi N, Bova R, Rademacher S, Al-Abadi H, Klauschen F, Bahra M, Neuhaus P, Pratschke J, Seehofer D.

[The DNA index as a prognostic tool in hilar cholangiocarcinoma.](#)

J Surg Oncol 2015. 112(2):214-8

**15. Ehlen L**, Zabarylo UJ, Speichinger F, Bogomolov A, Belikova V, Bibikova O, Artyushenko V, Minet O, Beyer K, Kreis ME, **Kamphues C**.

Synergy of Fluorescence and Near-Infrared Spectroscopy in Detection of Colorectal Cancer.

J Surg Res. 2019 Oct;242:349-356.

**16. Schineis C**, Lehmann KS, Lauscher JC, Beyer K, Hartmann L, Margonis GA, Michel J, Degro CE, Loch FN, Speichinger F, Kreis ME, **Kamphues C**.

Colectomy with ileostomy for severe ulcerative colitis-postoperative complications and risk factors.

Int J Colorectal Dis. 2019 Dec 21. [Epub ahead of print]

17. Ehlen L, Arndt J, Treue D, Bischoff P, Loch FN, Hahn EM, Kotsch K, Klauschen F, Beyer K, Margonis GA, Kreis ME, **Kamphues C**.

Novel methods for in vitro modeling of pancreatic cancer reveal important aspects for successful primary cell culture.

BMC Cancer. 2020 May 13;20(1):417.doi: 10.1186/s12885-020-06929-8.

18. Loch FN, Asbach P, Haas M, Seeliger H, Beyer K, Schineis C, Degro CE, Margonis GA, Kreis ME, **Kamphues C**.

Accuracy of various criteria for lymph node staging in ductal adenocarcinoma of the pancreatic head by computed tomography and magnetic resonance imaging.

World J Surg Oncol. 2020 Aug 18;18(1):213.doi: 10.1186/s12957-020-01951-3.

## **2. Originalarbeiten in Zeitschriften mit peer review-Verfahren als Koautor**

1. Seehofer D, Thelen A, Neumann UP, Veltzke-Schlieker W, Denecke T, **Kamphues C**, Pratschke J, Jonas S, Neuhaus P.

[Extended bile duct resection and \[corrected\] liver and transplantation in patients with hilar cholangiocarcinoma: long-term results.](#)

Liver Transpl. 2009 Nov;15(11):1499-507.

2. Bahra M, **Kamphues C**, Boas-Knoop S, Lippert S, Esendik U, Schüller U, Hartmann W, Waha A, Neuhaus P, Heppner F, Pietsch T, Koch A.

[Combination of hedgehog signaling blockage and chemotherapy leads to tumor reduction in pancreatic adenocarcinomas.](#)

Pancreas. 2012 Mar;41(2):222-9.

3. Klauschen F, von Winterfeld M, Stenzinger A, Sinn BV, Budczies J, **Kamphues C**, Bahra M, Wittschieber D, Weichert W, Striefler J, Riess H, Dietel M, Denkert C.

[High nuclear poly-\(ADP-ribose\)-polymerase expression is prognostic of improved survival in pancreatic cancer.](#)

Histopathology. 2012 Sep;61(3):409-16.

4. Stenzinger A, von Winterfeld M, Rabien A, Warth A, **Kamphues C**, Dietel M, Weichert W, Klauschen F, Wittschieber D.

[Reversion-inducing cysteine-rich protein with Kazal motif \(RECK\) expression: an independent prognostic marker of survival in colorectal cancer.](#)

Hum Pathol. 2012 Aug;43(8):1314-21.

5. Stenzinger A, Wittschieber D, von Winterfeld M, Goeppert B, **Kamphues C**, Weichert W, Dietel M, Rabien A, Klauschen F.

[High extracellular matrix metalloproteinase inducer/CD147 expression is strongly and independently associated with poor prognosis in colorectal cancer.](#)

Hum Pathol. 2012 Sep;43(9):1471-81.

6. Wittschieber D, Klauschen F, Kimmritz AC, von Winterfeld M, **Kamphues C**, Scholman HJ, Erbersdobler A, Pfeiffer H, Denkert C, Dietel M, Weichert W, Budczies J, Stenzinger A.

[Who is at risk for diagnostic discrepancies? Comparison of pre- and postmortal diagnoses in 1800 patients of 3 medical decades in East and West Berlin.](#)

PLoS One. 2012;7(5):e37460.

7. Bova R, **Kamphues C**, Neuhaus P, Puhl G.

[\[Impact of Time of Occurrence of Liver Metastases \(Synchronous vs. Metachronous\) on Early Postoperative Outcome and Long-Term Survival of Colorectal Cancer Patients.\]](#)

Zentralbl Chir. 2014 Apr;139(2):220-5.

8. Guo J, Hirsch S, Streitberger KJ, **Kamphues C**, Asbach P, Braun J, Sack I.

[Patient-Activated Three-Dimensional Multifrequency Magnetic Resonance Elastography for High-Resolution Mechanical Imaging of the Liver and Spleen.](#)

Rofo. 2014 Mar;186(3):260-266. Epub 2013 Sep 2.

9. Stenzinger A, Endris V, Klauschen F, Sinn B, Lorenz K, Warth A, Goeppert B, Ehemann V, Muckenhuber A, **Kamphues C**, Bahra M, Neuhaus P, Weichert W.

[High SIRT1 expression is a negative prognosticator in pancreatic ductal adenocarcinoma.](#)

BMC Cancer. 2013 Oct 2;13:450.

10. Reiter R, Freise C, Jöhrens K, **Kamphues C**, Seehofer D, Stockmann M, Somasundaram R, Asbach P, Braun J, Samani A, Sack I.

[Wideband MRE and static mechanical indentation of human liver specimen: Sensitivity of viscoelastic constants to the alteration of tissue structure in hepatic fibrosis.](#)



J Biomech. 2014 May 7;47(7):1665-74.

**11.** Sinn BV, Striefler JK, Rudl MA, Lehmann A, Bahra M, Denkert C, Sinn M, Stieler J, Klauschen F, Budczies J, Weichert W, Stenzinger A, **Kamphues C**, Dietel M, Riess H.

[KRAS Mutations in Codon 12 or 13 Are Associated With Worse Prognosis in Pancreatic Ductal Adenocarcinoma.](#)

Pancreas. 2014 May;43(4):578-83.

**12.** Durmus T, **Kamphues C**, Blaeker H, Grieser C, Denecke T.

Inflammatory myofibroblastic tumor of the liver mimicking an infiltrative malignancy in computed tomography and magnetic resonance imaging with Gd-EOB.

Acta Radiol Short Rep. 2014 Aug 22;3(7)

**13.** Margonis GA, Buettner S, Andreatos N, Kim Y, Wagner D, Sasaki K, Beer A, Schwarz C, Løes IM, Smolle M, **Kamphues C**, He J, Pawlik TM, Kaczirek K, Poultsides G, Lønning PE, Cameron JL, Burkhart RA, Gerger A, Aucejo FN, Kreis ME, Wolfgang CL, Weiss MJ.

Association of BRAF Mutations With Survival and Recurrence in Surgically Treated Patients With Metastatic Colorectal Liver Cancer.

JAMA Surg. 2018 Jul 18;153(7):e180996. Epub 2018 Jul 18.

**14.** Margonis GA, Buettner S, Andreatos N, Wagner D, Sasaki K, Galjart B, **Kamphues C**, Pawlik TM, Poultsides G, Kaczirek K, Lønning PE, Verhoef C, Kreis ME, Wolfgang CL, Weiss MJ.

The prognosis of colorectal cancer liver metastases associated with inflammatory bowel disease: An exploratory analysis.

J Surg Oncol. 2018 Dec;118(7):1074-1080.

**15.** Margonis GA, Amini N, Andreatos N, Sasaki K, McVey J, Mirza MB, Warner S, Buettner S, Barbon C, Wang J, Pulvirenti A, Angelou A, **Kamphues C**, Antoniou E, Pikoulis E, Pawlik TM, Kaczirek K, Poultsides G, Wagner D, Endo I, Imai K, Aucejo F, Kreis ME, Wolfgang CL, Weiss MJ.

KRAS mutational status impacts pathologic response to pre-hepatectomy chemotherapy: a study from the International Genetic Consortium for Liver Metastases.

HPB (Oxford). 2019 Nov;21(11):1527-1534.

**16.** Beyer K, Baukloh AK, **Kamphues C**, Seeliger H, Heidecke CD, Kreis ME, Patrzyk M.

Laparoscopic versus open gastrectomy for locally advanced gastric cancer: a systematic review and meta-analysis of randomized controlled studies.

World J Surg Oncol. 2019 Apr 15;17(1):68.

**17.** Margonis GA, Buettner S, Andreatos N, Wagner D, Sasaki K, Barbon C, Beer A, **Kamphues C**, Løes IM, He J, Pawlik TM, Kaczirek K, Poultsides G, Lønning PE, Cameron JL, Mischinger HJ, Aucejo FN, Kreis ME, Wolfgang CL, Weiss MJ.

Prognostic Factors Change Over Time After Hepatectomy for Colorectal Liver Metastases: A Multi-institutional, International Analysis of 1099 Patients.

Ann Surg. 2019 Jun;269(6):1129-1137.

**18.** Margonis GA, Amini N, Buettner S, Kim Y, Wang J, Andreatos N, Wagner D, Sasaki K, Beer A, **Kamphues C**, Morioka D, Løes IM, Imai K, He J, Pawlik TM, Kaczirek K, Poultsides G, Lønning PE, Burkhart R, Endo I, Baba H, Mischinger HJ, Aucejo FN, Kreis ME, Wolfgang CL, Weiss MJ.

The Prognostic Impact of Primary Tumor Site Differs According to the KRAS Mutational Status: A Study By the International Genetic Consortium for Colorectal Liver Metastasis.

Ann Surg. 2019 Aug 5. [Epub ahead of print]

**19.** Beyer K, Baukloh AK, Stoyanova A, **Kamphues C**, Sattler A, Kotsch K.

Interactions of Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand (TRAIL) with the Immune System: Implications for Inflammation and Cancer.

Cancers (Basel). 2019 Aug 13;11(8). pii: E1161. Review.

### **3. Fallbeschreibungen**

**1. Kamphues C**, Röcken C, Neuhaus P, Neumann UP.

[Non-functioning, malignant pancreatic neuroendocrine tumour \(PNET\): a rare entity during pregnancy.](#)

Langenbecks Archives of Surgery. 2009 Mar;394(2):387-91.

#### **4. Übersichtsarbeiten**

1. Seehofer D, **Kamphues C**, Neuhaus P.

[Management of bile duct tumors.](#)

Expert Opin Pharmacother. 2008 Nov;9(16):2843-56.

2. Seehofer D, **Kamphues C**, Neuhaus P.

[\[Resection of Klatskin tumors\].](#)

Chirurg. 2012 Mar;83(3):221-8.

#### **5. Buchkapitel**

1. **Kamphues C**, Seehofer D.

„Was gibt es Neues bei Indikationen zur Leberresektion bei benignen Erkrankungen?“

Was gibt's Neues in der Chirurgie? Jahresband 2011

ecomед MEDIZIN, Verlagsgruppe Hüthig Jehle Rehm GmbH, Landsberg

2. Andreou A, **Kamphues C**, Seehofer D.

“Was gibt's Neues in der Leberchirurgie?“

Was gibt's Neues in der Chirurgie? Jahresband 2012

ecomед MEDIZIN, Verlagsgruppe Hüthig Jehle Rehm GmbH, Landsberg

3. **Kamphues C**.

„Grundlagen der Anatomie und Physiologie von Magen und Kardia.“

Moderne Chirurgie des Magen- und Kardiakarzinoms

Martin E. Kreis, Hendrik Seeliger Hrsg.

Springer Verlag, Berlin, 2017