

Curriculum Vitae

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Clinical Career

2005 – 2009 **University Hospital Düsseldorf, Germany**
 2005 – 2009 Residency, Department of General, Visceral and Pediatric Surgery

2011 – 2014 **University Hospital Leipzig, Germany**
 2011 – 2013 Residency, Department of Visceral, Transplantation, Thoracic and
 Vascular Surgery
 2013 Board Certification, Visceral Surgery

2015 – **Charité – Universitätsmedizin Berlin, Germany**
 2015 – 2018 Attending, Department of Surgery (CCM|CVK)
 2017 Board Certification, Advanced Visceral Surgery
 2018 – 2020 Division Chief, Liver Surgery, Department of Surgery (CCM|CVK)
 2018 – 2020 Senior Attending, Department of Surgery (CVK)
 2020 – Deputy Chief, Department of Surgery (CVK)

Distinct Qualifications and Organizational Functions

Clinical Qualifications

2013 – Lead surgeon for abdominal multiorgan retrieval according to §16
 Transplantation Act (relevant since 2018)

2016 – Hepatobiliary Tumors + Module Liver (CCCC)

- Head (in annual rotation with gastroenterology until 2020)
- Visceral surgery coordinator
- Guideline Officer

- 2018 – Certified da Vinci Xi Console Surgeon
2019 – Surgeon according to §§ 5/6 DGAV certification regulations
- Center of Excellence for Surgical Diseases of the Liver (2019)
 - Reference center for the surgical treatment of malignant diseases of the peritoneum (2019)
 - Center of Excellence for Minimally Invasive Surgery (2020)

Academic and Research Career

- University of Greifswald, Germany**
2008 MD thesis (Dr. med.), Dep. of Cardiology (magna cum laude)
- Harvard Medical School, Boston, MA, USA**
2009 – 2011 Postdoctoral Research Fellow, The Transplant Institute and Division of Gastroenterology, Beth Israel Deaconess Medical Center
2011 – 2013 Research Associate, The Transplant Institute and Division of Gastroenterology, Beth Israel Deaconess Medical Center
- University of Leipzig, Germany**
2012 – 2015 Principal Investigator „Excellence Award“, Translational Centre for Regenerative Medicine (TRM)
2012 – 2014 Principal Investigator, Department of Visceral, Transplantation, Thoracic and Vascular Surgery
2014 Postdoctoral Lecture Qualification (Habilitation, PhD equivalent).
Lecture: "Surgery of the Liver and Biliary Tract - Limits, Possibilities and Perspectives"
- Charité – Universitätsmedizin Berlin**
2015 Postdoctoral Lecture Qualification (Habilitation, PhD equivalent)
2015 – Principal Investigator Experimental Surgery – Cell Transplantation and Organ Repair, Dep. of Surgery
2016 – 2017 Member of PhD Committee, Charité – Universitätsmedizin
2016 – Reviewer, MD thesis exams
2020 Responsible Lecturer „Surgery for Dentists“
2021 Professor of Surgery (außerplanmäßige Professur)

Grants

- 2008 Funding: University of Düsseldorf
Project: Publication support - "Long-term vacuum-assisted closure (VAC) in open abdomen due to secondary peritonitis: A retrospective evaluation of a selected group of patients."
Number: N/A
Own contribution: Applicant
Total: 1,000.00 Euro

- 2009 – 2010 Funding: German Research Foundation (DFG)
Project: Fellowship "Liver regeneration is boosted following platelet activation by CD39L1/NTPDase2"
Number: SCHM2661/1-1
Own contribution: Applicant
Total: 39,479.40 Euro
- 2010 – 2011 Funding: German Research Foundation (DFG)
Project: Fellowship "Platelet activation triggered by CD39L1/NTPDase2 facilitates CD133+/CD45+ stem cell mediated liver regeneration"
Number: SCHM2661/1-2
Own contribution: Applicant
Total: 45,082.23 Euro
- 2012 – 2015 Funding: Translational Centre for Regenerative Medicine, University of Leipzig, Federal Ministry of Education and Research (BMBF)
Project: TRM Excellence Award „Hematopoietic stem cells and derived microparticles in liver regeneration“
Number: E3063
Own contribution: Applicant
Total: 778,825.84 Euro (+ 7,500 Euro)
- 2012 – 2015 Funding: Novartis Pharma
Project: Research and development contract – „Monoclonal antibody targeted at interleukin 1b (IL-1b) as a novel pharmaceutical therapy option in acute liver failure by limiting liver injury and mimicking regenerative stem cell-associated functions“
Number: 5081-0720
Own contribution: Applicant
Total: 25,000.00 Euro
- 2014 – 2016 Funding: Novartis Pharma
Project: Research and development contract – „Functional monitoring after renal transplantation-comparison of molecular biological, cytometric and cell functional approaches.“
Number: BGAAF-0839
Own contribution: Applicant
Total: 35,000.00 Euro
- 2016 – 2019 Funding: German Research Foundation (DFG)
Project: Individual Research Grant “ Granulocyte colony stimulating factor modulates acute-on-chronic liver failure by influencing immune response and regenerative capacity“
Number: DFG SCHM2661/3-1
Own contribution: Applicant

Total: 351,200.00 Euro

- 2015 – 2019 (disc.)
- Funding: German Research Foundation (DFG)
Project: Clinical trial “Granulocyte colony stimulating factor (G-CSF) to treat acute-on-chronic liver failure: a multicenter randomized trial (GRAFT-Trial)“
Number: DFG EN 1100/1-1 (PI Dr. C. Engelmann / Prof. T. Berg)
Project Number: 259386236
Own contribution: Head of the side project “Regenerative and immunomodulatory effects of Granulocyte-Colony Stimulating Factor (G-CSF) in acute on chronic liver failure (ACLF)“
Total: 1,125,703.00 Euro (to PI Dr. C. Engelmann / Prof. T. Berg)
- 2019 – 2021
- Funding: German Research Foundation (DFG)
Project: Individual Research Grant “CD39-dependent regulation of innate immune responses to modulate exacerbated sterile inflammation in acute-on-chronic liver failure.“
Number: DFG SCHM2661/3-2
Own contribution: Applicant
Total: 252,500.00 Euro

Prizes, awards and travel grants

- 2010 Best Talk, Meeting of the German Society of Plastic and Reconstructive Surgery (DGPW)
- 2011 Full Young Investigators Bursary, The International Liver Congress, European Association for the Study of the Liver (EASL) – 500 Euro
- 2011 – 2012 Research Fellowship Award, American Liver Foundation (ALF) – 9,500 Euro
- 2012 Full Young Investigators Bursary, The International Liver Congress, European Association for the Study of the Liver (EASL) – 500 Euro
- 2012 Young Investigator Award, International Congress of the Transplantation Society (TTS) – 2250 Euro
- 2013 Full Young Investigators Bursary, The International Liver Congress, European Association for the Study of the Liver (EASL) – 500 Euro
- 2013 – 2019 Member of the Excellence Academy, German Society of General and Visceral Surgery
- 2019 Travel Award, German Society of Surgery – 5,000 Euro
- 2020 – Alumni of the Excellence Academy, German Society of General and Visceral Surgery
- 2021 – Member of European Surgical Association (ESA)

Memberships

- Berlin Surgical Society (BCG)
- German Society of Surgery (DGCH)
- German Society of General and Visceral Surgery (DGAV) – *inclusive CALPG, CAT, CAMIC, CAO + Organ Group Peritoneum*
- German Transplantation Society (DTG)
- German Society of Plastic and Reconstructive Surgery (DGPW)
- German Pancreas Club (DPC)
- German Association of Professors and Lecturers (DHV)
- European Organisation for Research & Treatment of Cancer (EORTC)
- German Purine Club
- German Association for the Study of the Liver (GASL)
- International Hepato-Pancreato-Biliary Association (IHPBA) – *European/African/Middle Eastern Regional Association (E-AHPBA)*
- International Laparoscopic Liver Society (ILLS)
- The Transplantation Society (TTS)
- European Surgical Association (ESA)