

Curriculum Vitae

Andreas Hecker Professor, Dr. med.
d.o.b. September 13th, 1981, in Kreuztal, Germany

University Education

2017 Habilitation Visceral Surgery, JLU
2009 Doctorate Medicine, JLU
2002-2008 Studies of Medicine, Justus Liebig University Giessen (JLU)

Scientific Career

Since 2025 Representative Speaker of the Transplant Center Giessen (TCG)
Since 2025 Scientific Coordinator of the University Colorectal Center Mid Hessen
Since 2024 Advisory Board of the German Foundation of Organ Donation (DSO)
Since 2024 Member of the Commission for the Certification (German Society of General & Visceral Surgery (DGAV))
Since 2023 Head of Transplant Surgery (Dept. of General, Visceral, Thoracic and Transplant Surgery, University Hospital of Giessen)
2023 Additional Designation „Transplant Medicine“
2023 Coordinator of the Gastric Cancer Center
2022 Professor for General/Visceral Surgery
2022 Senior-Member of the Academy of Excellence (German Society of Surgery)
2021 Board Certification „Pediatric Surgery“
2021-2025 Director of the Thoracic Chapter of the World Society of Emergency Surgery (WSES)
2021 Fellow of the European Board of Surgeons (F.E.B.S.) in Surgical Oncology (UEMS Board Examination)
2018 Board Certification „Thoracic Surgery“
2017 Habilitation (JLU) Giessen
2016 – 2022 Junior-Member of the “Academy of Excellence” of the “Convent of the German Chiefs of General and Visceral Surgery”
2014 Board Certification „General & Special Visceral Surgery“
Since 2014 Attending surgeon (Dept. of General, Visceral-, Thoracic, Transplant and Pediatric Surgery, University Hospital of Giessen)
2012 Additional Designation „Emergency Medicine“
2009 MD-Degree (Supervisor: Prof. Dr. Veronika Grau)
Justus-Liebig-University (JLU) Giessen (‘summa cum laude’)
2008-2011 “MBML – Molecular Biology and Medicine of the Lung” Graduate Program, Faculty of Medicine, Justus-Liebig-University Giessen
2008 – 2014 Surgical Resident (Dept. Of General, Visceral, Thoracic, Transplant and Pediatric Surgery, University Hospital of Giessen) (JLU)

Awards and Honors

2002 Formal Reward by the German Military Forces (“exemplary fulfilment of duties”)
2005-2008 Academic Foundation of the German People
2005-2007 Bayer-AG-Foundation
2005 Scholarship of the Heraeus Foundation
2006 ilab award (Aventis-Pharma)
2010 „The best of visceral surgery“ (German Society of General and Visceral Surgery, DGAV)
2010 MD-Thesis Award of the Justus-Liebig-University
2010 Walter-Brendel-Award (DGAV)

2011	Dr. Jakob-Becker-Award
2011	MD-Thesis Award of the Landesärztekammer Hessen
2015	Innovation Award of the Medical Society Giessen
2016	Ferdinand Sauerbruch-Award
2018	Ludwig Rehn – Award

Citation Record

Total citations: 9,554; h-index: 47; h-index since 2021: 41 (Google Scholar Jan 26th, 2026)

Top-10 selected Publications

Reichert M., Willis F, Post S, Schneider M, Vilz T, Willis M, Hecker A.
Pharmacologic prevention and therapy of postoperative paralytic ileus after gastrointestinal cancer surgery – systematic review and meta-analysis.
J Int Surg 2024 Jul 1;110(7):4329-4341. doi: 10.1097/JS9.0000000000001393

Reichert M, Schistek M, Uhle F, Koch C, Bodner J, Hecker M, Hörbelt R, Grau V, Padberg W, Weigand MA, Hecker A. Ivor Lewis esophagectomy patients are particularly vulnerable to respiratory impairment - a comparison to major lung Sci Rep. 2019 Aug 14;9(1):11856. doi: 10.1038/s41598-019-48234

Reichert M, Sartelli M, Askevold IH, Braun J, Weigand MA, Hecker M, Agnoletti V, Coccolini F, Catena F, Padberg W, Riedel JG, Hecker A Pediatric trauma and emergency surgery: an international cross-sectional survey among WSES members. WSES pediatric emergency surgery collaboration group. World J Emerg Surg. 2023 Jan 13;18(1):6. doi: 10.1186/s13017-022-00473-5.

Hecker A*, Küllmar M*, Wilker S, Richter K, Zakrzewicz A, Atanasova S, Mathes V, Timm T, Lerner S, Klein J, Kaufmann A, Bauer S, Padberg W, Kummer W, Janciauskiene S, Fronius M, Schweda EK, Lochnit G, Grau V. Phosphocholine-modified macromolecules and canonical nicotinic agonists inhibit ATP-induced IL-1 β release. Journal of Immunology, 2015;195(5):2325-2334.

Hecker A, Kaufmann A, Hecker M, Padberg W, Grau V. Expression of interleukin-21, interleukin-21 receptor alpha and related type I cytokines by intravascular graft leukocytes during acute renal allograft rejection. Immunobiology, 2009;214(1):41-49.

Hecker A, Mikulski Z, Lips KS, Pfeil U, Zakrzewicz A, Wilker S, Hartmann P, Padberg W, Wessler I, Kummer W, Grau V. Pivotal Advance: Up-regulation of acetylcholine synthesis and paracrine cholinergic signalling in intravascular transplant leukocytes during rejection of rat renal allografts. Journal of Leukocyte Biology, 2009 Jul;86(1):13-22.

Seimetz M, Sommer N, Bednorz M, Pak O, Veith C, Hadzic S, Gredic M, Parajuli N, Kojonazarov B, Kraut S, Wilhelm J, Knoepp F, Henneke I, Pichl A, Kanbagli, ZI, Scheibe S, Fysikopoulos A, Wu CY, Klepetko W, Jaksch P, Eichstaedt C, Grünig E, Hinderhofer K, Geiszt M, Müller N, Rezende F, Buchmann G, Wittig I, Hecker M, Hecker A, Padberg W, Dorfmueller P, Gattenlöhner S, Vogelmeier CF, Günther A, Karnati S, Baumgart-Vogt E, Schermuly RT, Ghofrani HA, Seeger W, Schröder K, Grimminger F, Brandes RP, Weissmann N. NADPH oxidase subunit NOXO1 is a target for emphysema treatment in COPD. Nature Metabolism volume 2, pages532–546(2020)

Keck T, Wellner UF, Bahra M, Klein F, Sick O, Niedergethmann M, Wilhelm TJ, Farkas SA, Börner T, Bruns C, Kleespies A, Kleeff J, Mihaljevic AL, Uhl W, Chromik A, Fendrich V, Heeger K, Padberg W,

Hecker A, Neumann UP, Junge K, Kalff JC, Glowka TR, Werner J, Knebel P, Piso P, Mayr M, Izbicki J, Vashist Y, Bronsert P, Bruckner T, Limprecht R, Diener MK, Rossion I, Wegener I, Hopt UT. Pancreatogastrostomy Versus Pancreatojejunostomy for RECOstruction After PANCreatoduodenectomy (RECOPANC, DRKS 0000767): Perioperative and Long-term Results of a Multicenter Randomized Controlled Trial. *Ann Surg.* 2016 Mar;263(3):440-9.

Holler JP, Ahlbrandt J, Burkhardt E, Gruss M, Röhrig R, Knapheide J, Hecker A, Padberg W, Weigand MA. Peridural analgesia may affect long-term survival in patients with colorectal cancer after surgery (PACO-RAS-Study): an analysis of a cancer registry. *Ann Surg.* 2013 Dec;258(6):989-93.

Bénard A, Jacobsen A, Brunner M, Krautz C, Klösch B, Swierzy I, Naschberger E, Podolska MJ, Kouhestani D, David P, Birkholz T, Castellanos I, Trufa D, Sirbu H, Vetter M, Kremer AE, Hildner K, Hecker A, Edinger F, Tenbusch M, Mühl-Zürbes P, Steinkasserer A, Richter E, Streeck H, Berger MM, Brenner T, Weigand MA, Swirski FK, Schett G, Grützmann R, Weber GF. Interleukin-3 is a predictive marker for severity and outcome during SARS-CoV-2 infections. *Nat Commun.* 2021 Feb 18;12(1):1112