

Publikationen

1. Thieme M, Arjumand J, Spanagel M, Tepe G, Blessing E, Kroeg B, Reichert V, Betge S, Wickenhöfer R, Teßarek J, Ingwersen M, Krankenberg H.
Stents With Torsional Strength for Superficial Femoral Artery Disease: The Prospective Q3-Registry.
J Endovasc Ther. 2022 Jan 7:15266028211067726. doi: 10.1177/15266028211067726. Epub ahead of print. PMID: 34994234.
2. Betge S, Drinda S, Neumann T, Bätz L, Pfeil A, Schulze C, Mrowka R, Jung C, Franz M.
Influence of Macitentan on the Vascular Tone and Recruitment of Finger Capillaries Under Hypobaric Hypoxia in High Altitude.
High Alt Med Biol. 2020 Dec;21(4):336-345. doi: 10.1089/ham.2019.0120. Epub 2020 Jul 31. PMID: 32758029.
3. Lichtenberg M, Breuckmann F, Kramer V, Betge S, Sixt S, Hailer B, Nikol S, Arjumand J, Wittenberg G, Teßarek J, Nolte-Ernsting C.
Effectiveness of the Pulsar-18 self-expanding stent with optional drug-coated balloon angioplasty in the treatment of femoropopliteal lesions - the BIOFLEX PEACE All-Comers Registry.
Vasa. 2019 Aug;48(5):425-432. doi: 10.1024/0301-1526/a000785. Epub 2019 Mar 29. PMID: 30924409.
4. Jirak P, Mirna M, Wernly B, Paar V, Thieme M, Betge S, Franz M, Hoppe U, Lauten A, Kammler J, Schulze PC, Lichtenauer M, Kretzschmar D.
Analysis of novel cardiovascular biomarkers in patients with peripheral artery disease.
Minerva Med. 2018 Dec;109(6):443-450. doi: 10.23736/S0026-4806.18.05628-8. Epub 2018 Apr 12. PMID: 29652038.
5. Jung C, Grün K, Betge S, Pernow J, Kelm M, Muessig J, Masyuk M, Kuethe F, Ndongson-Dongmo B, Bauer R, Lauten A, Schulze PC, Berndt A, Franz M.
Arginase Inhibition Reverses Monocrotaline-Induced Pulmonary Hypertension.
Int J Mol Sci. 2017 Jul 25;18(8):1609. doi: 10.3390/ijms18081609. PMID: 28757567; PMCID: PMC5578001.
6. Lichtenauer M, Goebel B, Paar V, Wernly B, Gecks T, Rohm I, Förster M, Betge S, Figulla HR, Hoppe UC, Kelm M, Franz M, Jung C.
Acute effects of moderate altitude on biomarkers of cardiovascular inflammation and endothelial function and their differential modulation by dual endothelin receptor blockade.
Clin Hemorheol Microcirc. 2017;67(1):101-113. doi: 10.3233/CH-170273. PMID: 28550241.
7. Franz M, Grün K, Betge S, Rohm I, Ndongson-Dongmo B, Bauer R, Schulze PC, Lichtenauer M, Petersen I, Neri D, Berndt A, Jung C.
Lung tissue remodelling in MCT-induced pulmonary hypertension: a proposal for a novel scoring system and changes in extracellular matrix and fibrosis associated gene expression.
Oncotarget. 2016 Dec 6;7(49):81241-81254. doi: 10.18632/oncotarget.13220. PMID: 27835899; PMCID: PMC5348389.

8. Betge S, Kretschmar D, Figulla HR, Lichtenauer M, Jung C.
Predictive value of the augmentation index derived vascular age in patients with newly diagnosed atherosclerosis.
Heart Vessels. 2017 Mar;32(3):252-259. doi: 10.1007/s00380-016-0868-0. Epub 2016 Jul 11. PMID: 27401737; PMCID: PMC5334397.
9. Jung C, Drummer K, Oelzner P, Figulla HR, Boettcher J, Franz M, Betge S, Foerster M, Wolf G, Pfeil A.
The association between endothelial microparticles and inflammation in patients with systemic sclerosis and Raynaud's phenomenon as detected by functional imaging.
Clin Hemorheol Microcirc. 2015;61(3):549-57. doi: 10.3233/CH-151956. PMID: 26410864.
10. Kretschmar D, Rohm I, Schälller S, Betge S, Pistulli R, Atiskova Y, Figulla HR, Yilmaz A.
Decrease in circulating dendritic cell precursors in patients with peripheral artery disease.
Mediators Inflamm. 2015;2015:450957. doi: 10.1155/2015/450957. Epub 2015 Apr 15. PMID: 25960616; PMCID: PMC4413958.
11. Betge S, Stingl M, Pfister W, Figulla HR, Jung C.
Investigation of bacterial translocation in chronic ischemic heart failure in the rat.
Clin Lab. 2015;61(1-2):93-100. doi: 10.7754/clin.lab.2014.140719. PMID: 25807643.
12. Betge S, Kunz C, Figulla H, Jung C.
Late onset oral treatment with tranilast following large myocardial infarction has no beneficial effects on cardiac remodeling and mortality in rats.
Exp Ther Med. 2014 Dec;8(6):1789-1796. doi: 10.3892/etm.2014.2003. Epub 2014 Oct 6. PMID: 25371734; PMCID: PMC4218635.
13. Lichtenauer M, Goebel B, Fritzenwanger M, Förster M, Betge S, Lauten A, Figulla HR, Jung C.
Simulated temporary hypoxia triggers the release of CD31+/Annexin+ endothelial microparticles: A prospective pilot study in humans.
Clin Hemorheol Microcirc. 2015;61(1):83-90. doi: 10.3233/CH-141908. PMID: 25322787.
14. Neumann T, Knoll K, Betge S, Jung C, Otto G, Wolf F, Saemann A.
The impact of etanercept on retinal microcirculation and vascular dysfunction in patients with rheumatoid arthritis, psoriatic arthritis and akylosing spondylitis.
Zeitschrift für Rheumatologie. 2014 Apr;73:12-12
15. Florvaag A, Oberle V, Fritzenwanger M, Kretschmar D, Betge S, Goebel B, Barz D, Ferrari M, Figulla HR, Franz M, Jung C.
Testosterone deficiency in male heart failure patients and its effect on endothelial progenitor cells.
Aging Male. 2012 Sep;15(3):180-6. doi: 10.3109/13685538.2012.702361. Epub 2012 Jul 9. PMID: 22776027.
16. Jung C, Florvaag A, Oberle V, Fritzenwanger M, Kretschmar D, Kueth F, Betge S, Goebel B, Franz M, Barz D, Ferrari M, Figulla HR.
Positive effect of eplerenone treatment on endothelial progenitor cells in patients with chronic heart failure.

- J Renin Angiotensin Aldosterone Syst. 2012 Sep;13(3):401-6. doi: 10.1177/1470320312447650. Epub 2012 May 29. PMID: 22645059.
17. Kretzschmar D, Betge S, Windisch A, Pistulli R, Rohm I, Fritzenwanger M, Jung C, Schubert K, Theis B, Petersen I, Drobnik S, Mall G, Figulla HR, Yilmaz A.
Recruitment of circulating dendritic cell precursors into the infarcted myocardium and pro-inflammatory response in acute myocardial infarction.
Clin Sci (Lond). 2012 Sep;123(6):387-98. doi: 10.1042/CS20110561. PMID: 22494099.
 18. Pfeil A, Betge S, Poehlmann G, Boettcher J, Drescher R, Malich A, Wolf G, Mentzel HJ, Hansch A.
Magnetic resonance VIBE venography using the blood pool contrast agent gadofosveset trisodium--an interrater reliability study.
Eur J Radiol. 2012 Mar;81(3):547-52. doi: 10.1016/j.ejrad.2011.01.102. Epub 2011 Feb 23. PMID: 21349675.
 19. Hansch A, Betge S, Poehlmann G, Neumann S, Baltzer P, Pfeil A, Waginger M, Boettcher J, Kaiser WA, Wolf G, Mentzel HJ.
Combined magnetic resonance imaging of deep venous thrombosis and pulmonary arteries after a single injection of a blood pool contrast agent.
Eur Radiol. 2011 Feb;21(2):318-25. doi: 10.1007/s00330-010-1918-0. Epub 2010 Aug 9. PMID: 20694795.
 20. Hansch A, Betge S, Pfeil A, Mayer TE, Wolf G, Brehm B.
Images in cardiovascular medicine. Spontaneous rupture of the right coronary artery.
Circulation. 2010 Jun 22;121(24):2692-3. doi: 10.1161/CIRCULATIONAHA.109.924290. PMID: 20566967.
 21. Känel J, Betge S, Figulla HR, Jung C.
Rezidivierende Ulcera cruris. Diesmal zeigen sie keine Abheilungstendenz [Recurrent ulcera cruris. This time there is no tendency to heal].
MMW Fortschr Med. 2009 Nov 5;151(45):5. German. PMID: 19960711.
 22. Betge S, Lutz K, Roskos M, Figulla HR.
Oral treatment with probucol in a pharmacological dose has no beneficial effects on mortality in chronic ischemic heart failure after large myocardial infarction in rats.
Eur J Pharmacol. 2007 Mar 8;558(1-3):119-27. doi: 10.1016/j.ejphar.2006.11.049. Epub 2006 Dec 1. PMID: 17210150.
 23. Melle C, Camacho JA, Surber R, Betge S, Von Eggeling F, Zimmer T.
Region-specific alterations of global protein expression in the remodelled rat myocardium.
Int J Mol Med. 2006 Dec;18(6):1207-15. PMID: 17089028.
 24. Betge S, Schulze-Bahr E, Fitzek C, Pfeifer R, Figulla HR, Witte OW, Isenmann S.
[Long QT syndrome causing grand mal epilepsy: case report, pedigree, therapeutic options, and review of the literature].
Nervenarzt. 2006 Oct;77(10):1210-7. Review. German. PubMed PMID: 16969682.
 25. Surber R, Bollensdorff C, Betge S, Zimmer T, Benndorf K.
K(ATP) channel current increases in postinfarction remodeled cardiomyocytes.
Pflugers Arch. 2006 Jul;452(4):428-34. Epub 2006 Mar 2. PubMed PMID: 16518659.

26. Betge S, Krack A, Figulla HR, Werner GS.
Analysis of location and pattern of target vessel failure in chronic total occlusions after stent implantation and its potential for the efficient use of drug-eluting stents.
J Interv Cardiol. 2006 Jun;19(3):226-31. doi: 10.1111/j.1540-8183.2006.00134.x. PMID: 16724963.
27. Werner GS, Schwarz G, Prochnau D, Fritzenwanger M, Krack A, Betge S, Figulla HR.
Paclitaxel-eluting stents for the treatment of chronic total coronary occlusions: a strategy of extensive lesion coverage with drug-eluting stents.
Catheter Cardiovasc Interv. 2006 Jan;67(1):1-9. doi: 10.1002/ccd.20437. PMID: 16345052.
28. Werner GS, Krack A, Schwarz G, Prochnau D, Betge S, Figulla HR.
Prevention of lesion recurrence in chronic total coronary occlusions by paclitaxel-eluting stents.
J Am Coll Cardiol. 2004 Dec 21;44(12):2301-6. doi: 10.1016/j.jacc.2004.09.040. PMID: 15607390.
29. Werner GS, Betge S, Kütke F, Figulla HR.
Delayed recovery of left ventricular function after recanalization of a chronic coronary occlusion.
Catheter Cardiovasc Interv. 2003 Dec;60(4):491-5. doi: 10.1002/ccd.10697. PMID: 14624427.
30. Werner GS, Bahrmann P, Mutschke O, Emig U, Betge S, Ferrari M, Figulla HR.
Determinants of target vessel failure in chronic total coronary occlusions after stent implantation. The influence of collateral function and coronary hemodynamics.
J Am Coll Cardiol. 2003 Jul 16;42(2):219-25. doi: 10.1016/s0735-1097(03)00624-7. PMID: 12875755.
31. Richartz BM, Betge S, Figulla HR
[Prevalence and prognosis of diastolic heart failure]
Journal für Kardiologie. 2002; 9(5):182-186. German.
32. Betge S, Figulla HR.
[Secondary prevention in postinfarct patients].
Internist (Berl). 2002 Apr;43 Suppl 1:S99-104. German. PubMed PMID: 11993007.
33. Werner GS, Ferrari M, Betge S, Gastmann O, Richartz BM, Figulla HR.
Collateral function in chronic total coronary occlusions is related to regional myocardial function and duration of occlusion.
Circulation. 2001 Dec 4;104(23):2784-90. PubMed PMID: 11733395.
34. Raasch W, Betge S, Dendorfer A, Bartels T, Dominiak P.
Angiotensin converting enzyme inhibition improves cardiac neuronal uptake of noradrenaline in spontaneously hypertensive rats.
J Hypertens. 2001 Oct;19(10):1827-33. PubMed PMID: 11593103.

