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Curriculum vitae

since 2007 W3-Professorship of Neurosurgery, Charité

since 2006 Associate Professor of Neurosurgery, University of Heidelberg

2001 - 2006 Senior physician at the Department of Neurosurgery, Mannheim University Hospital, University Heidelberg

2001 Habilitation in Neurosurgery at the Mannheim University Hospital, University Heidelberg

1995 - 2001 Residency, Department of Neurosurgery, Mannheim University Hospital (Prof. Peter Schmiedek)

1992 - 1996 PhD thesis, Institute for Surgical Research, University Hospital Grosshadern, University of Munich

1988 - 1995 Studies in medicine, Ludwig-Maximilians-Universität, Munich

Honors, awards

2003 Young Neurosurgeon Research Award of the World Federation of Neurosurgical Societies (WFNS)

2003 Wolfgang Hoffmeister Award, Faculty of Medicine for Clinical Medicine Mannheim, University of Heidelberg

2002 Research Award, German Academy of Neurosurgery

2001 Hemedex Pioneer Investigator Award

2001 Hermann Rein Prize, German Association for Microcirculation and Vascular Biology

1998 Aesculap Research Award, European Association of Neurosurgical Societies (EANS)

1998 Pharmacia & Upjohn Young Investigator Award, American Association of Cancer Research (AACR)

1998 Travel Award, American Association of Cancer Research (AACR)

1990 - 1995 Scholarship, German National Merit Foundation (Studienstiftung des Deutschen Volkes)

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Publications as First author

1: Vajkoczy P. Intradural versus extradural removal of the anterior clinoid process. World Neurosurg. 2012 May-Jun;77(5-6):615-6. doi: 10.1016/j.wneu.2011.10.026. Epub 2011 Nov 1. PubMed PMID: 22120214.

2: Vajkoczy P, Korja M, Czabanka M, Schneider UC, Reinert M, Lehecka M, Schmiedek P, Hernesniemi J, Kivipelto L. Experience in using the excimer laser-assisted nonocclusive anastomosis nonocclusive bypass technique for high-flow revascularization: Mannheim-Helsinki series of 64 patients. Neurosurgery. 2012 Jan;70(1):49-54; discussion 54-5. doi: 10.1227/NEU.0b013e31822cb979. PubMed PMID: 21760557.

3: Vajkoczy P. Revival of extra-intracranial bypass surgery. Curr Opin Neurol. 2009 Feb;22(1):90-5. doi: 10.1097/WCO.0b013e32832187f1. Review. PubMed PMID: 19155766.

4: Vajkoczy P. Moyamoya disease: collateralization is everything. Cerebrovasc Dis. 2009;28(3):258. doi: 10.1159/000228255. Epub 2009 Jul 14. PubMed PMID: 19602877.

5: Vajkoczy P, Knyazev P, Kunkel A, Capelle HH, Behrndt S, von Tengg-Kobligk H, Kiessling F, Eichelsbacher U, Essig M, Read TA, Erber R, Ullrich A. Dominant-negative inhibition of the Axl receptor tyrosine kinase suppresses brain tumor cell growth and invasion and prolongs survival. Proc Natl Acad Sci U S A. 2006 Apr 11;103(15):5799-804. Epub 2006 Apr 3. PubMed PMID: 16585512; PubMed Central PMCID: PMC1458653.

6: Vajkoczy P, Meyer B, Weidauer S, Raabe A, Thome C, Ringel F, Breu V, Schmiedek P. Clazosentan (AXV-034343), a selective endothelin A receptor antagonist, in the prevention of cerebral vasospasm following severe aneurysmal subarachnoid hemorrhage: results of a randomized, double-blind, placebo-controlled, multicenter phase IIa study. J Neurosurg. 2005 Jul;103(1):9-17. PubMed PMID: 16121967.

7: Vajkoczy P, Menger MD. Vascular microenvironment in gliomas. Cancer Treat Res. 2004;117:249-62. Review. PubMed PMID: 15015564.

8: Vajkoczy P, Blum S, Lamparter M, Mailhammer R, Erber R, Engelhardt B, Vestweber D, Hatzopoulos AK. Multistep nature of microvascular recruitment of ex vivo-expanded embryonic endothelial progenitor cells during tumor angiogenesis. J Exp Med. 2003 Jun 16;197(12):1755-65. PubMed PMID: 12810693; PubMed Central PMCID: PMC2193947.

9: Vajkoczy P, Horn P, Thome C, Munch E, Schmiedek P. Regional cerebral blood flow monitoring in the diagnosis of delayed ischemia following aneurysmal subarachnoid hemorrhage. J Neurosurg. 2003 Jun;98(6):1227-34. PubMed PMID: 12816269.

10: Vajkoczy P, Farhadi M, Gaumann A, Heidenreich R, Erber R, Wunder A, Tonn JC, Menger MD, Breier

G. Microtumor growth initiates angiogenic sprouting with simultaneous expression of VEGF, VEGF receptor-2, and angiopoietin-2. J Clin Invest. 2002 Mar;109(6):777-85. PubMed PMID: 11901186; PubMed Central PMCID: PMC150910.

11: Vajkoczy P, Hartmann M. Images in clinical medicine. An unusual saccular aneurysm. N Engl J Med. 2002 Feb 14;346(7):497. PubMed PMID: 11844851.

12: Vajkoczy P, Laschinger M, Engelhardt B. Alpha4-integrin-VCAM-1 binding mediates G protein-independent capture of encephalitogenic T cell blasts to CNS white matter microvessels. J Clin Invest. 2001 Aug;108(4):557-65. PubMed PMID: 11518729; PubMed Central PMCID: PMC209399.

13: Vajkoczy P, Horn P, Bauhuf C, Munch E, Hubner U, Ing D, Thome C, Poeckler-Schoeninger C, Roth H, Schmiedek P. Effect of intra-arterial papaverine on regional cerebral blood flow in hemodynamically relevant cerebral vasospasm. Stroke. 2001 Feb;32(2):498-505. PubMed PMID: 11157189.

14: Vajkoczy P, Menger MD. Vascular microenvironment in gliomas. J Neurooncol. 2000 Oct-Nov;50(1-2):99-108. Review. PubMed PMID: 11245285.

15: Vajkoczy P, Roth H, Horn P, Lucke T, Thomé C, Hubner U, Martin GT, Zappletal C, Klar E, Schilling L, Schmiedek P. Continuous monitoring of regional cerebral blood flow: experimental and clinical validation of a novel thermal diffusion microprobe. J Neurosurg. 2000 Aug;93(2):265-74. PubMed PMID: 10930012.

16: Vajkoczy P, Menger MD, Goldbrunner R, Ge S, Fong TA, Vollmar B, Schilling L, Ullrich A, Hirth KP, Tonn JC, Schmiedek P, Rempel SA. Targeting angiogenesis inhibits tumor infiltration and expression of the pro-invasive protein SPARC. Int J Cancer. 2000 Jul 15;87(2):261-8. PubMed PMID: 10861485.

17: Vajkoczy P, Hubner U, Horn P, Bauhuf C, Thome C, Schilling L, Schmiedek P, Quintel M, Thomas JE. Intrathecal sodium nitroprusside improves cerebral blood flow and oxygenation in refractory cerebral vasospasm and ischemia in humans. Stroke. 2000 May;31(5):1195-7. PubMed PMID: 10797186.

18: Vajkoczy P, Ullrich A, Menger MD. Intravital fluorescence videomicroscopy to study tumor angiogenesis and microcirculation. Neoplasia. 2000 Jan-Apr;2(1-2):53-61. Review. PubMed PMID: 10933068; PubMed Central PMCID: PMC1531866.

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20: Vajkoczy P, Schürer L, Münch E, Schmiedek P. Penetrating craniocerebral injuries in a civilian population in mid-Europe. Clin Neurol Neurosurg. 1999 Sep;101(3):175-81. PubMed PMID: 10536903.

21: Vajkoczy P, Goldbrunner R, Farhadi M, Vince G, Schilling L, Tonn JC, Schmiedek P, Menger MD. Glioma cell migration is associated with glioma-induced angiogenesis in vivo. Int J Dev Neurosci. 1999 Aug-Oct;17(5-6):557-63. PubMed PMID: 10571417.

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23: Vajkoczy P, Vollmar B, Wolf B, Menger MD. Effects of cyclosporine A on the process of vascularization of freely transplanted islets of Langerhans. J Mol Med (Berl). 1999 Jan;77(1):111-4.

PubMed PMID: 9930941.

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27: Vajkoczy P, Menger MD. Improved islet isolation by 10% albumin does not influence graft angiogenesis and vascularization. Exp Clin Endocrinol Diabetes. 1997;105(3):152-5. PubMed PMID: 9228511.

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