

1. Curriculum vitae

Name	Prof. Dr. Giles Hamilton VINCE
Geburtstag	01.05.1966
Geburtsort	Great Yarmouth, England
Staatsangehörigkeit	Britisch
Familienstand	verheiratet mit Nadine Vince, geb. Mächler 2 Kinder
1986 - 1992	Studium der Humanmedizin an der Semmelweis-Universität Budapest und der Universität des Saarlandes, Homburg/Saar
1993 - 1994	Wissenschaftlicher Mitarbeiter (Arzt im Praktikum), Institut für Neuropathologie der Universität des Saarlandes, Homburg/Saar,
1994	Promotion „magna cum laude“ am Institut für Neuropathologie der Universität des Saarlandes, Homburg/Saar
1994 -2001	Wissenschaftlicher Mitarbeiter, Neurochirurgische Klinik und Poliklinik des Universitätsklinikums Würzburg, Direktor: Prof. Dr. K. Roosen
2001 - 2002	Wissenschaftlicher Mitarbeiter, Abteilung für Pädiatrische Neurochirurgie des Universitätsklinikums Würzburg, Leitung: Prof. Dr. N. Sörensen
2002	Erwerb der Facharztanerkennung als „Arzt für Neurochirurgie“, Bayerische Landesärztekammer, München
2002	Leiter der neuroonkologischen Arbeitsgruppe und des Tumorbiologischen Forschungslabors, Neurochirurgische Klinik und Poliklinik des Universitätsklinikums Würzburg
2003	Leiter des onkologischen Bereichs der Neurochirurgischen Klinik (Station, OP, Ambulanz und Tumorboard)
2009	Abschluss der Habilitation und Erteilung der Lehrbefugnis für das Fachgebiet „Neurochirurgie“
2010	Ernennung zum Leitenden Oberarzt und Stellvertreter des Klinikdirektors, Neurochirurgische Klinik und Poliklinik, Universitätsklinikum Würzburg, Direktor: Prof. Dr. R.-I. Ernestus

2012 - 2016	Chefarzt (Primar) der Neurochirurgischen Abteilung, Klinikum Klagenfurt am Wörthersee, Klagenfurt
2015	Bestellung zum außerplanmäßigen Professor an der Bayerischen Julius-Maximilians-Universität Würzburg
01.10.2016	Chefarzt der Neurochirurgischen Klinik am Klinikum Aschaffenburg-Alzenau

Zusatzqualifikationen

Fachkunde für Strahlenschutz
 Biologische Sicherheit (BBS)
 Prüfarzt (GCP-training)
 Tierschutz und Versuchstierkunde
 Seminar für Führungskräfte (Jan-Dez 2015)

2. Publikationsverzeichnis

Originalarbeiten

1. Kolles H, **Vince GH**, Niedermayer I, Feiden W. An electronic tutorial of neurosurgical pathology-application of multi-media in clinical pathology. *Clin Neuropathol* (1993) 12(6): 353-355 (IF: 1,03)
2. Kolles H, von Wangenheim A, Niedermayer I, **Vince GH**, Feiden W. Computer assisted grading of gliomas of the astrocytoma/glioblastoma groups. *Verh Dtsch Ges Pathol* (1994) 78:427-431.
3. Kolles H, Ludt H, **Vince GH**, Feiden W. Application of minimal spanning trees in glioma grading - a CLIPPER program for the calculation and construction of minimal spanning trees. *Comput Methods Programs Biomed* (1994) 42(3): 201-206
4. Kolles H, von Wangenheim A, **Vince GH**, Niedermayer I, Feiden W. Automated grading of astrocytomas based on histomorphometric analysis of Ki-67 and Feulgen stained paraffin sections. Classification results of neuronal networks and discriminant analysis. *Anal Cell Pathol* (1995) 8(2): 101-116 (IF: 0,92)
5. **Vince GH**, Bouterfa H, Goldbrunner R, Roosen K, Tonn JC. Fast blue, a fluorescent tracer in glioma cell culture, affects cell proliferation and motility. *Neurosci Lett* (1997) 233(2-3): 148-150 (IF: 2,11)

6. Burger R, Tonn JC, **Vince GH**, Hofmann E, Reiners K, Roosen K. Median corpectomy in cervical spondylotic multisegmental stenosis. *Zentralbl Neurochir* (1996) 57(2): 62-69 (IF: 0,54)
7. Thome J, Frölich L, Scheubeck M, Hißnauer G, Becker T, Foley P, Wiesbeck G, **Vince GH**, Maurer K, Rosier M. Left hemispheric reductions of regional cerebral blood flow (rCBF) correlate with measures of dementia severity in patients with Alzheimer's disease: a SPECT study. *Eur Psychiatry* (1996) 11(6): 314-318 (IF: 1,46)
8. Goldbrunner RH, Bouterfa H, **Vince GH**, Bernstein JJ, Roosen K, Tonn JC. Transfection and dye premarking of human and rat glioma cell lines affects adhesion, migration and proliferation. *Anticancer Res* (1997) 17: 4467-4471. (IF: 1,41)
9. Burger R, **Vince GH**, Meixensberger J, Roosen K. Bilateral monitoring of CBF and tissue oxygen pressure in the penumbra of a focal mass lesion in rats. *Acta Neurochir Suppl* (1998) 71: 157-161. (IF: 1,21)
10. Burger R, **Vince GH**, Meixensberger J, Roosen K. Hypothermia influences time course of intracranial pressure, brain temperature, EEG and microcirculation during ischemia-reperfusion. *Neurol Res* (1998) 20: 52-60. (IF: 1,57)
11. Bernstein JJ, Tonn JC, Goldbrunner RH, **Vince GH**, Wagner S, Goldberg WJ. Guanidinobenzoatase and UPA in high-grade human astrocytomas and after xenografting cell suspensions into the rat cerebral cortex: proteases for metastasis and disease progression. *Anticancer Res* (1998) 18: 2583-2590. (IF: 1,41)
12. **Vince GH**, Wagner S, Pietsch T, Klein R, Goldbrunner RH, Roosen K, Tonn JC. Heterogeneous regional expression patterns of matrix metalloproteinases in human malignant gliomas. *Int J Dev Neurosci* (1999) 17(5-6): 437-445. (IF: 2,62)
13. Burger R, **Vince GH**, Meixensberger J, Bendszus M, Roosen K. Interrelations of laser doppler flowmetry and brain tissue oxygen pressure during ischemia and reperfusion induced by an experimental mass lesion. *J Neurotrauma* (1999) 16(12): 1149-1164. (IF: 4,2)
14. Goldbrunner RH, Pietsch T, **Vince GH**, Bernstein JJ, Wagner S, Hageman H, Selby DM, Krauss J, Soerensen N, Tonn JC. Different vascular patterns of medulloblastoma and supratentorial primitive neuroectodermal tumors. *Int J Dev Neurosci* (1999) 17(5-6): 593-599. (IF: 2,62)
15. Vajkoczy P, Goldbrunner R, Farhadi M, **Vince GH**, Schilling L, Tonn JC, Schmiedek P, Menger MD. Glioma cell migration is associated with glioma-induced angiogenesis in vivo. *Int J Dev Neurosci* (1999) 17(5-6): 557-563. (IF: 2,62)
16. Wagner S, Czub S, Greif M, **Vince GH**, Suss N, Kerkau S, Rieckmann P, Roggendorf W, Roosen K, Tonn JC. Microglial/macrophage expression of interleukin 10 in human glioblastomas. *Int J Cancer* (1999) 82(1): 12-16. (IF: 4,72)
17. Tonn JC, Kerkau S, Hanke A, Bouterfa H, Mueller JG, Wagner S, **Vince GH**, Roosen K. Effect of synthetic matrix-metalloproteinase inhibitors on invasive capacity and proliferation of human malignant gliomas in vitro. *Int J Cancer* (1999) 80(5): 764-772. (IF: 4,72)
18. Goldbrunner RH, Bernstein JJ, Plate KH, **Vince GH**, Roosen K, Tonn JC. Vascularization of human glioma spheroids implanted into rat cortex is conferred by two distinct mechanisms. *J Neurosci Res* (1999) 55(4): 486-495. (IF: 1,95)

19. **Vince GH**, Herbold C, Klein R, Kühl J, Pietsch T, Franz S, Roosen K, Tonn JC: Medulloblastoma displays distinct regional matrix metalloprotease expression. *J Neurooncol* (2001) 53(2): 99-106. (IF: 2,75)
20. Woydt M, **Vince GH**, Krauss J, Krone A, Sörensen N, Roosen K. New ultrasound techniques and their application in neurosurgical intra-operative sonography. *Neurol Res* (2001) 23(7): 697-705. (IF: 1,57)
21. Bendszus M, Beck A, Koltzenburg M, **Vince GH**, Brechtelsbauer D, Littan T, Urbach H, Solymosi L. MRI in isolated sixth nerve palsies. *Neuroradiology* (2001) 43(9): 742-745 (IF: 1,62)
22. Schweitzer T, **Vince GH**, Herbold C, Roosen K, Tonn JC. Extraneural metastases of primary brain tumors. *J Neurooncol* (2001) 53(2): 107-14 (IF: 2,75)
23. Burger R, Bendszus M, **Vince GH**, Roosen K, Marmarou A. A new reproducible model of an epidural mass lesion in rodents. Part I: Characterization by neurophysiological monitoring, magnetic resonance imaging, and histopathological analysis. *J Neurosurg* (2002) 97(6): 1410-1418 (IF: 2,24)
24. Bendszus M, Burger R, **Vince GH**, Solymosi L. A reproducible model of an epidural mass lesion in rodents. Part II: Characterization by in vivo magnetic resonance imaging. *J Neurosurg* (2002) 97(6): 1419-1423 (IF: 2,24)
25. Burger R, Zuechner M, Bendszus M, **Vince GH**, Roosen K. Moderate hypothermia improves neurobehavioral deficits after an epidural focal mass lesion in rodents. *J Neurotrauma* (2003) 20(6): 543-558 (IF: 3,45)
26. **Vince GH**, Bendszus M, Schweitzer T, Goldbrunner RH, Hildebrandt S, Tilgner J, Klein R, Solymosi L, Christian Tonn J, Roosen K. Spontaneous regression of experimental gliomas - an immunohistochemical and MRI study of the C6 glioma spheroid implantation model. *Exp Neurol* (2004)190(2): 478-485 (IF: 4,1)
27. Burger R, Bendszus M, **Vince GH**, Solymosi L, Roosen K. Neurophysiological monitoring, magnetic resonance imaging, and histological assays confirm the beneficial effects of moderate hypothermia after epidural focal mass lesion development in rodents. *Neurosurgery* (2004) 54(3): 701-711 (IF: 2,69)
28. Schütz A, Solymosi L, **Vince GH**, Bendszus M. Proximal stent fixation of fractured coils: technical note. *Neuroradiology* (2005) 47(11): 874-878 (IF: 1,62)
29. Nolte I, **Vince GH**, Maurer M, Herbold C, Goldbrunner R, Solymosi L, Stoll G, Bendszus M. Iron particles enhance visualization of experimental gliomas with high-resolution sonography. *AJNR Am J Neuroradiol* (2005) 26(6): 1469-1474 (IF: 3,2)
30. Bendszus M, Monoranu CM, Schutz A, Nolte I, **Vince GH**, Solymosi L. Neurologic complications after particle embolization of intracranial meningiomas. *Am J Neuroradiol* (2005) 26(6): 1413-1419 (IF: 3,2)
31. Vordermark D, Kolbl O, Ruprecht K, **Vince GH**, Bratengeier K, Flentje M. Hypofractionated stereotactic re-irradiation: treatment option in recurrent malignant glioma. *BMC Cancer* (2005) 30; 5(1): 55 (IF: 2,74)

32. Hagemann C, Meyer C, Stojic J, Eicker S, Gerngras S, Kuhnel S, Roosen K, **Vince GH**. High efficiency transfection of glioma cell lines and primary cells for overexpression and RNAi experiments. *J Neurosci Methods* (2006) 30;156(1-2): 194-202 (IF: 2,24)
33. Muhlisch J, Schwering A, Grotzer M, **Vince GH**, Roggendorf W, Hagemann C, Sorensen N, Rickert CH, Osada N, Jurgens H, Fruhwald MC. Epigenetic repression of RASSF1A but not CASP8 in supratentorial PNET (sPNET) and atypical teratoid/rhabdoid tumors (AT/RT) of childhood. *Oncogene* (2006) 16;25(7): 1111-1117 (IF: 7,14)
34. Bendszus M, Hagel C, Maurer M, Schutz A, **Vince GH**, Monoranu MC, Solymosi L. Fatal recurrent subarachnoid hemorrhage after complete endovascular aneurysm occlusion. *AJNR Am J Neuroradiol* (2006) 27(10): 2058-2060 (IF: 3,2)
35. Vordermark D, Ruprecht K, Rieckmann P, Roggendorf W, **Vince GH**, Warmuth-Metz M, Kolbl O, Flentje M. Glioblastoma multiforme with oligodendroglial component (GBMO): favorable outcome after post-operative radiotherapy and chemotherapy with nimustine (ACNU) and teniposide (VM26). *BMC Cancer* (2006) 18;6: 247 (IF: 2,74)
36. Said HM, Staab A, Hagemann C, **Vince GH**, Katzer A, Flentje M, Vordermark D. Distinct patterns of hypoxic expression of carbonic anhydrase IX (CA IX) in human malignant glioma cell lines. *J Neurooncol* (2007) 81(1): 27-38 (IF: 2,75)
37. Said HM, Hagemann C, Stojic J, Schoemig B, **Vince GH**, Flentje M, Roosen K, Vordermark D. GAPDH is not regulated in human glioblastoma under hypoxic conditions. *BMC Mol Biol* (2007) 27; 8: 55 (IF: 2,85)
38. Said HM, Hagemann C, Staab A, Stojic J, Kuhnel S, **Vince GH**, Flentje M, Roosen K, Vordermark D. Expression patterns of the hypoxia-related genes osteopontin, CA9, erythropoietin, VEGF and HIF-1alpha in human glioma in vitro and in vivo. *Radiother Oncol* (2007) 83(3): 398-405 (IF: 4.0)
39. Westermaier T, Eriskat J, Kunze E, Günthner-Lengsfeld T, **Vince GH**, Roosen K. Clinical features, treatment, and prognosis of patients with acute subdural hematomas presenting in critical condition. *Neurosurgery* (2007) 61(3): 482-488 (IF: 2,86)
40. Lukashova-V Zangen I, Kneitz S, Monoranu CM, Rutkowski S, Hinkes B, **Vince GH**, Huang B, Roggendorf W. Ependymoma gene expression profiles associated with histological subtype, proliferation, and patient survival. *Acta Neuropathol* (2007) 113(3): 325-337 (IF: 6,4)
41. Stojic J, Hagemann C, Haas S, Herbold C, Kuehnel, Gerngras S, Roggendorf W, Roosen K, **Vince GH**. Expression of matrix metalloproteinases MMP-1, MMP-11 and MMP-19 is correlated with the WHO-grading of human malignant gliomas. *Neuroscience Res* (2008) 60(1): 40-49 (IF: 2,37)
42. Hagemann C, Anacker J, Gerngras S, Kühnel S, Said HM, Patel R, Kämmerer U, Vordermark D, Roosen K, **Vince GH**. Expression analysis of the autosomal recessive primary microcephaly genes MCPH1 (microcephalin) and MCPH5 (ASPM, abnormal spindle-like, microcephaly associated) in human malignant gliomas. *Oncol Rep* (2008) 20(2): 301-308 (IF: 1,58)
43. Monoranu CM, Huang B, Zangen IL, Rutkowski S, **Vince GH**, Gerber NU, Puppe B, Roggendorf W. Correlation between 6q25.3 deletion status and survival in pediatric intracranial ependymomas. *Cancer Genet Cytogenet* (2008) 182(1): 18-26 (IF: 1,53)

44. Völker HU, Hagemann C, Coy J, Wittig R, Sommer S, Stojic J, Haubitz I, **Vince GH**, Kämmerer U, Monoranu CM. Expression of transketolase-like 1 and activation of Akt in grade IV glioblastomas compared with grades II and III astrocytic gliomas. *Am J Clin Pathol* (2008) 130(1): 50-57 (IF: 6,03)
45. Hagemann C, Gloger J, Anacker J, Said HM, Gerngras S, Kühnel S, Meyer C, Rapp UR, Kämmerer U, Vordermark D, Flentje M, Roosen K, **Vince GH**. RAF expression in human astrocytic tumors. *Int J Mol Med* (2009) 23(1): 17-31 (IF: 1,85)
46. Schwab N, Bien CG, Waschbisch A, Becker A, **Vince GH**, Dornmair K, Wiendl H. CD8+ T-cell clones dominate brain infiltrates in Rasmussen encephalitis and persist in the periphery. *Brain* (2009) 132: 1236-1246 (IF: 9,4)
47. **Vince GH**, Herbold C, Coburger J, Westermaier T, Drenckhahn D, Schuetz A, Kunze E, Solymosi L, Roosen K, Matthies C. An anatomical assessment of the supracerebellar midline and paramedian approaches to the inferior colliculus for auditory midbrain implants using a neuronavigation model on cadaveric specimens. *J Clin Neurosci* (2010) 17(1): 107-112 (IF: 1,17)
48. Westermaier T, Stetter C, **Vince GH**, Pham M, Tejon JP, Eriskat J, Kunze E, Matthies C, Ernestus RI, Solymosi L, Roosen K. Prophylactic intravenous magnesium sulfate for treatment of aneurysmal subarachnoid hemorrhage: A randomized, placebo-controlled, clinical study. *Crit Care Med* (2010) 38(5): 1284-1290 (IF: 6,3)
49. Hagemann C, Said HM, Flentje M, Roosen K, **Vince GH**. Proteins involved in cell migration from glioblastoma neurospheres analyzed by overexpression and siRNA-mediated knock-down. *Methods Mol Biol* (2010) 650: 129-143 (IF: 1,29)
50. Stummer W, Nestler U, Stockhammer F, Krex D, Kern BC, Mehdorn HM, **Vince GH**, Pichlmeier U. Favorable outcome in the elderly cohort treated by concomitant temozolomide radiochemotherapy in a multicentric phase II safety study of 5-ALA. *J Neurooncol* (2011) Jun;103(2):361-70 (IF: 2,92)
51. Hagemann C, Anacker J, Haas S, Riesner D, Schömig B, Ernestus RI, **Vince GH**. Comparative expression pattern of Matrix-Metalloproteinases in human glioblastoma cell-lines and primary cultures. *BMC Res Notes* (2010), Nov 10;3:293 (IF: 1,39)
52. Hagemann C, Weigelin B, Schommer S, Schulze M, Al-Jomah N, Anacker J, Gerngras S, Kühnel S, Kessler AF, Polat B, Ernestus RI, Patel R, **Vince GH**. The cohesin-interacting protein, precocious dissociation of sisters 5A/sister chromatid cohesion protein 112, is up-regulated in human astrocytic tumors. *Int J Mol Med* (2011) Jan;27(1): 39-51 (IF: 1,81)
53. Guckenberger M, Mayer M, Buttman M, **Vince GH**, Sweeney RA, Flentje M. Prolonged survival when temozolomide is added to accelerated radiotherapy for glioblastoma multiforme. *Strahlenther Onkol* (2011) Aug; 18. Epub ahead of print (IF: 3,5)
54. Westermaier T, Stetter C, Raslan F, **Vince GH**, Ernestus RI. Brain edema formation correlates with perfusion deficit during the first six hours after experimental subarachnoid hemorrhage in rats. *Exp Transl Stroke Med.* (2012) Jul 13;4(1):8 (IF: 2,29)
55. Hagemann C, Anacker J, Ernestus RI, **Vince GH**. A complete compilation of matrix metalloproteinase expression in human malignant gliomas. *World J Clin Oncol.* (2012) May 10;3(5):67-79 (IF: -)

56. Schuler PJ, Bendszus M, Kuehnel S, Wagner S, Hoffmann TK, Goldbrunner R, **Vince GH**. Urokinase plasminogen activator, uPAR, MMP-2, and MMP-9 in the C6-glioblastoma rat model. *In Vivo*. (2012) Jul;26(4):571-6 (IF: 1,26)
57. Kunze E, Pham M, Raslan F, Stetter C, Lee JY, Solymosi L, Ernestus RI, **Vince GH**, Westermaier T. Value of Perfusion CT, Transcranial Doppler Sonography, and Neurological Examination to Detect Delayed Vasospasm after Aneurysmal Subarachnoid Hemorrhage. *Radiol Res Pract*. (2012); 2012:231206 (IF: -)
58. Verburg FA, Sweeney R, Hänscheid H, Dießl S, Israel I, Löhr M, **Vince GH**, Flentje M, Reiners C, Samnick S. Patients with recurrent glioblastoma multiforme. Initial experience with p-[¹³¹I]iodo-L-phenylalanine and external beam radiation therapy. *Nuklearmedizin*. (2013); 52(1):36-42 (IF: 1,33)
59. Westermaier T, Stetter C, Kunze E, Willner N, Raslan F, **Vince GH**, Ernestus RI. Magnesium treatment for neuroprotection in ischemic diseases of the brain. *Exp Transl Stroke Med*. (2013); Apr 25;5(1):6 (IF: 2,29)
60. Said HM, Hagemann C, Carta F, Katzer A, Polat B, Staab A, Scozzafava A, Anacker J, **Vince GH**, Flentje M, Supuran CT. Hypoxia induced CA9 inhibitory targeting by two different sulfonamide derivatives including acetazolamide in human glioblastoma. *Bioorg Med Chem*. (2013); Jul 1;21(13):3949-57 (IF: 2,9)
61. Westermaier T, Pham M, Stetter C, Willner N, Solymosi L, Ernestus RI, **Vince GH**, Kunze E. Value of Transcranial Doppler, Perfusion-CT and Neurological Evaluation to Forecast Secondary Ischemia after Aneurysmal SAH. *Neurocrit Care*. (2013) Aug 28 (IF: 3,03)
62. Hagemann C, Fuchs S, Monoranu CM, Hermann P, Smith J, Hohmann T, Grabiec U, Kessler AF, Dehgani F, Loehr M, Ernestus RI, **Vince GH**, Stein U. Impact of MACC1 on human malignant glioma progression and patients' unfavorable prognosis. *Neuro Oncol*. (2013) Dec;15(12):1696-709 (IF: 6.1)
63. Woehrer A, Hackl M, Waldhör T, Weis S, Pichler J, Olschowski A, Maier H, Stockhammer G, Thomé C, Haybäck J, Payer F, von Campe G, Kiefer A, Würtz F, **Vince GH**, Sedivy R, Oberndorfer S, Marhold F, Bordihn K, Stiglbauer W, Gruber-Mösenbacher U, Bauer R, Feichtinger J, Reiner-Concin A, Grisold W, Marosi C, Preusser M, Dieckmann K, Slavc I, Haberler C, Gatterbauer B, Widhalm G, Hainfellner JA. Relative survival of non-malignant brain tumors: a descriptive study by the Austrian Brain Tumor Registry (ABTR). *Br J Cancer*. (2014) Jan 21;110(2):286-96 (IF: 5.0)
64. Kessler AF, Wiesner M, Denner J, Kämmerer U, **Vince GH**, Linsenmann T, Löhr M, Ernestus RI, Hagemann C. Expression-analysis of the human endogenous retrovirus HERV-K in human astrocytic tumors. *BMC Res Notes*. (2014) Mar 19;7(1):159 (IF: 1.39)
65. Kraschl J, Spendel MC, Kiefer A, Kau T, Grossauer S, **Vince GH**. Cavernous haemangioma of the trochlear nerve: case report and review of the literature. *Clin Neurol Neurosurg* (2014) 125:65-8
66. Westermaier T, Willner N, **Vince GH**, Linsenmann T, Ernestus RI, Stetter C. Intraoperative 3D rotational angiography: an emergency tool for the diagnosis of intracranial aneurysms. *Emerg Radiol* (2014) Jul 3. [Epub ahead of print]
67. Westermaier T, Linsenmann T, Kessler AF, Stetter C, Willner N, Solymosi L, Ernestus RI, **Vince GH**. Intraoperative cerebral angiography by intravenous contrast administration with 3-

dimensional rotational fluoroscopy in patients with intracranial aneurysms: a feasibility study. *Neurosurgery* (2015) 11 Suppl: 119-26

68. Grossauer S, Köck K, **Vince GH**. Intraoperative Somatosensory Evoked Potential recovery following opening of the fourth ventricle during posterior fossa decompression in Chiari Malformation; case report and review of literature. *J Neurosurgery*. 21.02.2014
69. Grossauer S, Koeck K, Kau T, Weber J, **Vince GH**. Behavioral disorders and cognitive impairment associated with cerebellar lesions. *J Mol Psychiatry* (2015) May 15;3(1):5
70. Grossauer S, Koeck K, Kraschl J, Olipitz O, Hausegger KA, **Vince GH**. Detection of Cerebral Vasospasm Following Aneurysmal Subarachnoid Hemorrhage Using Motor Evoked Potentials. *Neurosurgery* (2016) Sep 29.
71. Westermaier T, Linsenmann T, Homola GA, Loehr M, Stetter C, Willner N, Ernestus RI, Solymosi L, **Vince GH**. 3D rotational fluoroscopy for intraoperative clip control in patients with intracranial aneurysms--assessment of feasibility and image quality. *BMC Med Imaging* (2016) Apr 19;16:30
72. Dietl S, Schwinn S, Dietl S, Riedel S, Deinlein F, Rutkowski S, von Bueren AO, Krauss J, Schweitzer T, **Vince GH**, Picard D, Eyrich M, Rosenwald A, Ramaswamy V, Taylor MD, Remke M, Monoranu CM, Beilhack A, Schlegel PG, Wölfl M. MB3W1 is an orthotopic xenograft model for anaplastic medulloblastoma displaying cancer stem cell- and Group 3-properties. *BMC Cancer* (2016) Feb 17;16:11

Übersichtsreferate

1. Thome J, Wiesbeck GA, **Vince GH**. Carbamazepine in treatment of alcohol withdrawal syndrome - an overview of current research. *Fortschr Neurol Psychiatr* (1994) 62(4): 125-133 (IF: 0,54)
2. Westermaier T, **Vince GH**, Meinhardt M, Monoranu C, Roosen K, Matthies C. Arachnoid cysts of the fourth ventricle - short illustrated review. *Acta Neurochir* (2010) 152(1): 119-124 (IF: 1,21)

Fallberichte

1. Goldbrunner R, Warmuth-Metz M, Tonn JC, **Vince GH**, Roosen K. Primary Ki-1-positive T-cell lymphoma of the brain - an aggressive subtype of lymphoma: case report and review of the literature. *Surg Neurol* (1996) 46(1): 37-41 (IF: 1,05)
2. **Vince GH**, Brucker C, Langmann P, Herbold C, Solymosi L, Roosen K. Epidural spinal lipomatosis with acute onset of paraplegia in a HIV positive patient treated with corticosteroids and protease inhibitor - Case report. *Spine* (2005) 30(17): 524-527 (IF: 2,62)
3. **Vince GH**, Bendszus M, Westermaier T, Solymosi L, Ernestus RI, Matthies C. Bilateral Trigeminal Neuralgia Associated with Chiari's Type I Malformation. *Br J Neurosurg*. (2010) 24(4): 474-476 (IF: 1,01)

4. Linsenmann T, Monoranu CM, Westermaier T, Varallyay C, Ernestus RI, **Vince GH**. Exophytic glioblastoma arising from the cerebellum: case report and critical review of the literature. *J Neurol Surg A Cent Eur Neurosurg*. (2013) Jul;74(4):262-4. (IF: 0,49)
5. Linsenmann T, Monoranu CM, **Vince GH**, Westermaier T, Hagemann C, Kessler AF, Ernestus RI, Löhr M. Long-term tumor control of spinal dissemination of cerebellar glioblastoma multiforme by combined adjuvant bevacizumab antibody therapy: a case report. *BMC Res Notes* (2014) 7:496. (IF: -)
6. Linsenmann T, Westermaier T, **Vince GH**, Monoranu CM, Löhr M, Ernestus RI, Stetter C, Primary Spinal Glioblastoma Multiforme with Secondary Manifestation as a Cerebral "Angioglioma." Literature Review and Case Report. *J Neurol Surg Rep* (2015) 76:e128–e134. (IF: -)

Buchbeiträge

1. v.Wangenheim A, **Vince GH**, Kolles H, Richter MM, Feiden W, Grading of stereotactic biopsies with neural networks. *Artificial Intelligence in Medicine* (1993) 10: 484-488
2. Hagemann C, Said H, Flentje M, Roosen K, **Vince GH**. Proteins Involved in Cell Migration from Glioblastoma Neurospheres Analyzed by Overexpression and siRNA-Mediated Knock-Down. In B. Zhang, E.J. Stellwag (eds.), *RNAi and MicroRNA-Mediated Gene Regulation in Stem Cells*, Methods in Molecular Biology, Springer Science
3. **Vince GH**, Kunze E, Roosen K. "Tumore in der hinteren Schädelgrube" Neurochirurgie: Handbuch für die Weiterbildung und interdisziplinäres Nachschlagewerk. Herausgeber: D. Moskopp und H. Wassmann. 2. Neuauflage, 2014

Eingeladene Vorträge

1. **Vince GH**. "Regionale Heterogenität der Expression von Matrix-Metallo-proteinase in humanen Glioblastomen auf mRNA und Proteinebene." 7. Treffen der Arbeitsgruppe „Experimentelle Neuroonkologie“, Göttingen, 1998
2. **Vince GH**. „Invasionsmechanismen maligner Gliome“. Fortbildung Neurologie / Neurochirurgie im Rahmen des Neurokolloquiums. Würzburg, Juni 2004
3. **Vince GH**. "Medizinische Fragestunde: Aktuelle Konzepte in der Behandlung von Hirntumoren". Psychosoziale Beratungsstelle der Bayerischen Krebsgesellschaft Würzburg, 21.03.2007
4. **Vince GH**. „Aktuelle Behandlung von Hirnmetastasen“. Patientenkongress „Onkologie“, Patientenberatung der Deutschen Krebshilfe. Würzburg, 20.10.2007
5. **Vince GH**. „Grenzen und Möglichkeiten der Neurochirurgie“. Hirntumor-Informationstag der Deutschen Hirntumorhilfe, 24.04.2009
6. **Vince GH**. „Hirntumore und Hirnmetastasen – Aktuelles und Neues“ Patientenkongress der Bayerischen Krebsgesellschaft, 12.02.2011

7. **Vince GH.** „Therapie von Hirnmetastasen“ Hirntumorinformationstag der Deutschen Hirntumorhilfe, Würzburg, 28.04.2012
8. **Vince GH.** „Aktuelle Konzepte in der Behandlung maligner Gliome“, Medizinisch Wissenschaftliche Gesellschaft Kärnten und Ostirol, Universität Klagenfurt, Österreich, 21.10.2012
9. **Vince GH.** „Aktuelle Techniken und Konzepte in der Mikroneurochirurgie“, Neurologische Fachgruppentagung, Velden, Österreich, 2013
10. **Vince GH.** „Mikrochirurgische Verfahren in der spinalen Chirurgie“, Veldener Symposium, Österreich, 24.05.2013
11. **Vince GH.** „Fehlererkennung und -vermeidung in den chirurgischen Disziplinen“. 7. Kärntner Ethiktag. Velden, Österreich, 27.11.2013
12. **Vince GH.** „Liquor-Shuntsysteme im Vergleich“ – Surgery Week (Johnson & Johnson), Wien, 20.01.2014
13. **Vince GH.** „Therapioptionen beim Akustikusneurinom“. 7. HNO Wörthersee Symposium., Klagenfurt, Österreich, 17.05.2014
14. **Vince GH.** „Neurochirurgische Therapie benigner Tumoren des Gehirns“. 49.Veldener Symposium, Velden, Österreich, 24.05.2014
15. **Vince GH.** "Behandlungsergebnisse bei Vestibularisschwannomen". Jahrestagung der Österreichischen Gesellschaft für Neuropathologie (ÖGNP), Klagenfurt, 13.06.2015
16. **Vince GH.** „Neurochirurgische Behandlung von Tumoren der Hypophyse“ 50.Veldener Symposium, Velden, Österreich, 30.05.2015.
17. **Vince GH.** „Die Bedeutung der dekompressiven Kraniektomie in der Behandlung des akuten Schlaganfalls“. 23. Jahrestagung der Österreichischen Gesellschaft für Neuroradiologie, Klagenfurt, 19.-21.11.2015

3. Weiterbildungsermächtigung

Die volle Weiterbildungsermächtigung einschließlich der speziellen neurochirurgischen Intensivmedizin wurden bei der BLAEK beantragt

4. Medizinisch Wissenschaftliche Schwerpunkte

Neuroonkologie

Pädiatrische Neurochirurgie

Neurochirurgie der neurovaskulären Erkrankungen

Spinale Neurochirurgie