

Wissenschaftliche Publikationen Nicolas Gerber

Gerber NU, von Hoff K, Resch A, Ottensmeier H, Kwiecien R, Faldum A, Matuschek C, Hornung D, Bremer M, Benesch M, Pietsch T, Warmuth-Metz M, Kuehl J, Rutkowski S, Kortmann RD. Treatment of children with central nervous system primitive neuroectodermal tumors/pinealoblastomas in the prospective multicentric trial HIT 2000 using hyperfractionated radiation therapy followed by maintenance chemotherapy. *Int J Radiat Oncol Biol Phys.* 2014 Jul 15;89(4):863-71. doi: 10.1016/j.ijrobp.2014.04.017. PubMed PMID: 24969797.

Friedrich C, Müller K, von Hoff K, Kwiecien R, Pietsch T, Warmuth-Metz M, Gerber NU, Hau P, Kuehl J, Kortmann RD, von Bueren AO, Rutkowski S. Adults with CNS primitive neuroectodermal tumors/pineoblastomas: results of multimodal treatment according to the pediatric HIT 2000 protocol. *J Neurooncol.* 2014 Feb;116(3):567-75. doi: 10.1007/s11060-013-1327-8. Epub 2014 Jan 10. PubMed PMID: 24407732.

Gerber NU, Mynarek M, von Hoff K, Friedrich C, Resch A, Rutkowski S. Recent developments and current concepts in medulloblastoma. *Cancer Treat Rev.* 2014 Apr;40(3):356-65. doi: 10.1016/j.ctrv.2013.11.010. Epub 2013 Dec 6. Review. PubMed PMID: 24389035.

Warmuth-Metz M, Bison B, Gerber NU, Pietsch T, Hasselblatt M, Frühwald MC. Bone involvement in atypical teratoid/rhabdoid tumors of the CNS. *AJNR Am J Neuroradiol.* 2013 Oct;34(10):2039-42. doi: 10.3174/ajnr.A3554. Epub 2013 May 16. PubMed PMID: 23681355.

Remke M, Hering E, Gerber NU, Kool M, Sturm D, Rickert CH, Gerß J, Schulz S, Hielscher T, Hasselblatt M, Jeibmann A, Hans V, Ramaswamy V, Taylor MD, Pietsch T, Rutkowski S, Korshunov A, Monoranu CM, Frühwald MC. Somatostatin receptor subtype 2 (sst₂) is a potential prognostic marker and a therapeutic target in medulloblastoma. *Childs Nerv Syst.* 2013 Aug;29(8):1253-62. doi: 10.1007/s00381-013-2142-4. Epub 2013 May 16. PubMed PMID: 23677175.

Zeilhofer UB, Scheer I, Warmuth-Metz M, Rushing EJ, Pietsch T, Boltshauser E, Grotzer MA, Gerber NU. Natural history of a medulloblastoma: 30 months of wait and see in a child with a cerebellar incidentaloma. *Childs Nerv Syst.* 2013 Mar 16. [Epub ahead of print] PubMed PMID: 23503614.

Friedrich C, von Bueren AO, von Hoff K, Gerber NU, Ottensmeier H, Deinlein F, Benesch M, Kwiecien R, Pietsch T, Warmuth-Metz M, Faldum A, Kuehl J, Kortmann RD, Rutkowski S. Treatment of young children with CNS-primitive neuroectodermal tumors/pineoblastomas in the prospective multicenter trial HIT 2000 using different chemotherapy regimens and radiotherapy. *Neuro Oncol.* 2013 Feb;15(2):224-34. doi: 10.1093/neuonc/nos292. Epub 2012 Dec 7. PubMed PMID: 23223339; PubMed Central PMCID: PMC3548584.

Gerber NU, von Hoff K, von Bueren AO, Treulieb W, Deinlein F, Benesch M, Zwiener I, Soerensen N, Warmuth-Metz M, Pietsch T, Mittler U, Kuehl J, Kortmann RD, Grotzer MA, Rutkowski S. A long duration of the prediagnostic symptomatic interval is not associated with an unfavourable prognosis in childhood medulloblastoma. *Eur J Cancer.* 2012 Sep;48(13):2028-36. doi: 10.1016/j.ejca.2011.11.012. Epub 2011 Dec 6. PubMed PMID: 22153558.

von Bueren AO, von Hoff K, Pietsch T, Gerber NU, Warmuth-Metz M, Deinlein F, Zwiener I, Faldum A, Fleischhack G, Benesch M, Krauss J, Kuehl J, Kortmann RD, Rutkowski S. Treatment of young children with localized medulloblastoma by chemotherapy alone: results of the prospective, multicenter trial HIT 2000 confirming the prognostic impact of histology. *Neuro Oncol.* 2011 Jun;13(6):669-79. doi: 10.1093/neuonc/nor025. PubMed PMID: 21636711; PubMed Central PMCID: PMC3107096.

von Bueren AO, Oehler C, Shalaby T, von Hoff K, Pruschy M, Seifert B, Gerber NU, Warmuth-Metz M, Stearns D, Eberhart CG, Kortmann RD, Rutkowski S, Grotzer MA. c-MYC expression sensitizes medulloblastoma cells to radio- and chemotherapy and has no impact on response in medulloblastoma patients. *BMC Cancer.* 2011 Feb 16;11:74. doi: 10.1186/1471-2407-11-74. PubMed PMID: 21324178; PubMed Central PMCID: PMC3050852.

Gerber NU, von Hoff K, von Bueren AO, Treulieb W, Warmuth-Metz M, Pietsch T, Soerensen N, Faldum A, Emser A, Schlegel PG, Deinlein F, Kortmann RD, Rutkowski S. Outcome of 11 children with ependymoblastoma treated within the prospective HIT-trials between 1991 and 2006. *J Neurooncol.* 2011 May;102(3):459-69. doi: 10.1007/s11060-010-0347-x. Epub 2011 Feb 11. PubMed PMID: 21308398.

Faoro D, von Bueren AO, Shalaby T, Sciuscio D, Hürlimann ML, Arnold L, Gerber NU, Haybaeck J, Mittelbronn M, Rutkowski S, Hegi M, Grotzer MA. Expression of

O⁶-methylguanine-DNA methyltransferase in childhood medulloblastoma. *J Neurooncol.* 2011 May;103(1):59-69. doi: 10.1007/s11060-010-0366-7. Epub 2010 Sep 5. PubMed PMID: 20820873.

Benesch M, Weber-Mzell D, Gerber NU, von Hoff K, Deinlein F, Krauss J, Warmuth-Metz M, Kortmann RD, Pietsch T, Driever PH, Quehenberger F, Urban C, Rutkowski S. Ependymoma of the spinal cord in children and adolescents: a retrospective series from the HIT database. *J Neurosurg Pediatr.* 2010 Aug;6(2):137-44. doi: 10.3171/2010.5.PEDS09553. PubMed PMID: 20672934.

von Hoff K, Hartmann W, von Bueren AO, Gerber NU, Grotzer MA, Pietsch T, Rutkowski S. Large cell/anaplastic medulloblastoma: outcome according to myc status, histopathological, and clinical risk factors. *Pediatr Blood Cancer.* 2010 Mar;54(3):369-76. doi: 10.1002/pbc.22339. PubMed PMID: 19908297.