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GENERAL INFORMATION



Chief Consultant

University Hospital Heidelberg, Department of Neuropathology
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ACADEMIC EDUCATION & QUALIFICATION

Year(s)	Education
1997-2004	Medical Licence, Charité – Universitätsmedizin Berlin

SCIENTIFIC EDUCATION & QUALIFICATION

Year(s)	Education
2017	Postdoctoral Lecture Qualification (Habilitation) at the University of Heidelberg
2007-2010	Doctoral thesis, Neuropathology, University of Heidelberg, 2010, Prof. von Deimling

PROFESSIONAL EXPERIENCE

Year(s)	Experience
Since 2018	Chief Consultant for Neuropathology, University of Heidelberg
2013-2018	Acting Chief Consultant for Neuropathology, University of Heidelberg
2011-2013	Consultant for Neuropathology, University of Heidelberg, Germany
2007-2011	Resident in Neuropathology, University of Heidelberg and German Cancer Research Center Heidelberg, Germany
2004-2007	Resident in Neuropathology, Charité Berlin, Germany

OTHER QUALIFICATIONS/ROLES/RESPONSIBILITIES

Year(s)	
Since 2015	Member of the working group for the update of the WHO classification for brain tumors

SELECTED PUBLICATIONS

- Rohrich M, Koelsche C, Schimpf D, Capper D, Sahm F, Kratz A, Reuss J, Hovestadt V, Jones DT, Bewerunge-Hudler M, Becker A, Weis J, Mawrin C, Mittelbronn M, Perry A, Mautner VF, Mechttersheimer G, Hartmann C, Okuducu AF, Arp M, Seiz-Rosenhagen M, Hanggi D, Heim S, Paulus W, Schittenhelm J, Ahmadi R, Herold-Mende C, Unterberg A, Pfister SM, von Deimling A, Reuss DE. Methylation-based classification of benign and malignant peripheral nerve sheath tumors. **Acta Neuropathol** 2016;131(6):877-87
- Reuss DE, Kratz A, Sahm F, Capper D, Schimpf D, Koelsche C, Hovestadt V, Bewerunge-Hudler M, Jones DT, Schittenhelm J, Mittelbronn M, Rushing E, Simon M, Westphal M, Unterberg A, Platten M, Paulus W, Reifenberger G, Tonn JC, Aldape K, Pfister SM, Korshunov A, Weller M, Herold-Mende C, Wick W, Brandner S, von Deimling A. Adult IDH wild type astrocytomas biologically and clinically resolve into other tumor entities. **Acta Neuropathol** 2015;130(3):407-17
- Reuss DE, Mamatjan Y, Schimpf D, Capper D, Hovestadt V, Kratz A, Sahm F, Koelsche C, Korshunov A, Olar A, Hartmann C, Reijneveld JC, Wesseling P, Unterberg A, Platten M, Wick W, Herold-Mende C, Aldape K, von Deimling A. IDH mutant diffuse and anaplastic astrocytomas have similar age at presentation and little difference in survival: a grading problem for WHO. **Acta Neuropathol** 2015;129(6):867-73
- Reuss DE, Sahm F, Schimpf D, Wiestler B, Capper D, Koelsche C, Schweizer L, Korshunov A, Jones DT, Hovestadt V, Mittelbronn M, Schittenhelm J, Herold-Mende C, Unterberg A, Platten M, Weller M, Wick W, Pfister SM, von

- Deimling A. ATRX and IDH1-R132H immunohistochemistry with subsequent copy number analysis and IDH sequencing as a basis for an "integrated" diagnostic approach for adult astrocytoma, oligodendroglioma and glioblastoma. **Acta Neuropathol** 2015;129(1):133-46
5. Koelsche C, Hovestadt V, Jones DT, Capper D, Sturm D, Sahm F, Schrimpf D, Adeberg S, Bohmer K, Hagenlocher C, Mechttersheimer G, Kohlhof P, Muhleisen H, Beschorner R, Hartmann C, Braczynski AK, Mittelbronn M, Buslei R, Becker A, Grote A, Urbach H, Staszewski O, Prinz M, Hewer E, Pfister SM, von Deimling A, Reuss DE. Melanotic tumors of the nervous system are characterized by distinct mutational, chromosomal and epigenomic profiles. **Brain Pathol** 2015;25(2):202-8
 6. Reuss DE, Habel A, Hagenlocher C, Mucha J, Ackermann U, Tessmer C, Meyer J, Capper D, Moldenhauer G, Mautner V, Frappart PO, Schittenhelm J, Hartmann C, Hagel C, Katenkamp K, Petersen I, Mechttersheimer G, von Deimling A. Neurofibromin specific antibody differentiates malignant peripheral nerve sheath tumors (MPNST) from other spindle cell neoplasms. **Acta Neuropathol** 2014;127(4):565-72
 7. Koelsche C, Sahm F, Paulus W, Mittelbronn M, Giangaspero F, Antonelli M, Meyer J, Lasitschka F, von Deimling A, Reuss D. BRAF V600E expression and distribution in desmoplastic infantile astrocytoma/ganglioglioma. **Neuropathol Appl Neurobiol** 2014;40(3):337-44
 8. Reuss DE*, Piro RM*, Jones DT*, Simon M, Ketter R, Kool M, Becker A, Sahm F, Pusch S, Meyer J, Hagenlocher C, Schweizer L, Capper D, Kickingereeder P, Mucha J, Koelsche C, Jager N, Santarius T, Tarpey PS, Stephens PJ, Andrew Futreal P, Wellenreuther R, Kraus J, Lenartz D, Herold-Mende C, Hartmann C, Mawrin C, Giese N, Eils R, Collins VP, Konig R, Wiestler OD, Pfister SM, von Deimling A. Secretory meningiomas are defined by combined KLF4 K409Q and TRAF7 mutations. **Acta Neuropathol** 2013;125(3):351-8
 9. Reuss DE, Mucha J, Holtkamp N, Muller U, Berlien HP, Mautner VF, Ehemann V, Platten M, Scheffzek K, von Deimling A. Functional MHC class II is upregulated in neurofibromin-deficient Schwann cells. **J Invest Dermatol** 2013;133(5):1372-5
 10. Reuss DE, Mucha J, Hagenlocher C, Ehemann V, Kluwe L, Mautner V, von Deimling A. Sensitivity of malignant peripheral nerve sheath tumor cells to TRAIL is augmented by loss of NF1 through modulation of MYC/MAD and is potentiated by curcumin through induction of ROS. **PLoS one** 2013;8(2):e57152