BENDSZUS, MARTIN, PROF. DR. MED.

GENERAL INFORMATION

Chair and Head of Department
University Hospital Heidelberg, Department of Neuroradiology
Im Neuenheimer Feld 400
69120 Heidelberg, Germany

ACADEMIC EDUCATION & QUALIFICATION

Year(s)	Education
2002	Specialization in Neuroradiology
2001	Specialization in Diagnostic Radiology
1996	Full approbation

SCIENTIFIC EDUCATION & QUALIFICATION

Year(s)	Education
2002	Habilitation at the University of Würzburg, Germany
1995	Medical degree, University of Bonn, Germany
1988-1995	Studies in medicine, University of Bonn, Germany

PROFESSIONAL EXPERIENCE

Year(s)	Experience
Since 2007	Head of Department and Professor of Neuroradiology, University of Heidelberg, Germany
2003-2007	Professorship Neuroimaging, University of Würzburg, Germany
2002	Appointment as senior lecturer
2001	Appointment as consultant
1995-2001	Assistant doctor at the University hospital of Würzburg (Neuroradiology), Germany

OTHER QUALIFICATIONS/ROLES/RESPONSIBILITIES

Year(s)	
Since 2015	Principal investigator of several multicenter stroke trials (THRILL, TENSION)
Since 2008	Leader of the Imaging group with the Brain tumor group of the EORTC

SELECTED PUBLICATIONS

1. Bendszus M, Stoll G. Silent ischemia: hidden fingerprints of invasive medical procedures. **Lancet Neurol** 2006;5(4):364-372

2. Bendszus M, Wessig C, Schütz A, Horn T, Kleinschnitz C, Sommer C, Misselwitz B, Stoll G. Assessment of nerve degeneration by gadofluorine M-enhanced magnetic resonance imaging. **Ann Neurol** 2005;57(3):388-395

3. Bendszus M, Koltzenburg M, Burger R, Warmuth-Metz M, Hofmann E, Solymosi L. Silent embolism in diagnostic cerebral angiography and neurointerventional procedures: a prospective study. **Lancet** 1999;354(9190):1594-1597

4. Radbruch A, Lutz K, Wiestler B, Bäumer P, Heiland S, Wick W, Bendszus M. Relevance of T2 signal changes in the assessment of progression of glioblastoma according to the Response Assessment in Neurooncology criteria. **Neuro Oncol** 2012;14(2):222-9

5. Pham M, Oikonomou D, Hornung B, Weiler M, Heiland S, Bäumer P, Kollmer J, Nawroth PP, <u>Bendszus M</u>. Magnetic resonance neurography detects diabetic neuropathy early and with Proximal Predominance. **Ann Neurol** 2015;78(6):939-48

6. Radbruch A, Fladt J, Kickingereder P, Wiestler B, Nowosielski M, Bäumer P, Schlemmer HP, Wick A, Heiland S, Wick W, <u>Bendszus M</u>. Pseudoprogression in patients with glioblastoma: clinical relevance despite low incidence. **Neuro Oncol** 2015;17(1):151-159

7. Kickingereder P, Bonekamp D, Nowosielski M, Kratz A, Sill M, Burth S, Wick A, Eidel O, Schlemmer HP, Radbruch A, Debus J, Herold-Mende C, Unterberg A, Jones D, Pfister S, Wick W, von Deimling A, <u>Bendszus M,</u> Capper D. Radiogenomics of Glioblastoma: Machine Learning-based Classification of Molecular Characteristics by Using Multiparametric and Multiregional MR Imaging Features. **Radiology** 2016;281(3):907-918

8. Pham M, Oikonomou D, Bäumer P, Bierhaus A, Heiland S, Humpert PM, Nawroth PP, <u>Bendszus M</u>. Proximal Neuropathic Lesions in Distal Symmetric Diabetic Polyneuropathy: findings of high-resolution magnetic resonance neurography. **Diabetes Care** 2011;34(3):721-3

9. Rohde S, Haehnel S, Herweh C, Pham M, Stampfl S, Ringleb PA, <u>Bendszus M</u>. Mechanical thrombectomy in acute embolic stroke: preliminary results with the Revive Device. **Stroke** 2011;42(10):2954-2956

10. Radbruch A, Haase R, Kickingereder P, Bäumer P, Bickelhaupt S, Paech D, Wick W, Schlemmer HP, Seitz A, <u>Bendszus M</u>. Pediatric Brain: No Increased Signal Intensity in the Dentate Nucleus on Unenhanced T1-weighted MR Images after Consecutive Exposure to a Macrocyclic Gadolinium-based Contrast Agent. **Radiology** 2017;283(3):828-836