

Prof. Dr. MARTIN BENDSZUS

Date of birth: 08 February, 1968
Gender: Male
Address: Heidelberg University
Department of Neuroradiology
Im Neuenheimer Feld 400
69120 Heidelberg, Germany
Phone: +49-(0)6221-56 75 66
Email: martin.bendszus@med.uni-heidelberg.de
Position: Professor for Neuroradiology, Chair of the Department of Neuroradiology,
, Medical Faculty Heidelberg
Children: Three (* 2000, * 2003, * 2005)



CURRICULUM VITAE

University education

1988 - 1995 Studies in Medicine, University of Bonn

Scientific degree

2002 Habilitation at the University of Würzburg
1995 Medical doctor degree at the University of Bonn

Professional experience

Since 2011 Head of Department, Clinical for Radiology and Neuroradiology, Klinikum Frankfurt Höchst
Since 2007 Chairman, Head of Department of Neuroradiology, University of Heidelberg
2003 - 2007 Professorship for Neuroimaging at the University of Würzburg
2002 Appointment as senior lecturer for neuroradiology
2001 Consultant in Neuroradiology
2001 Consultant in Diagnostic Radiology
1996 Assistant doctor at the Department of Neuroradiology, University of Würzburg
1995 - 1996 Assistant doctor at the Department of Neurosurgery, University of Bonn

Academic functions and awards:

Awards and honours:

2000 Kurt Decker Award of the German Society of Neuroradiology
2001 Poster of Excellence of the German Society of Neuroradiology
2003 Research Award of the German Society of Neuromuscular Diseases
2003, 2005 Innovation Award Interventional Neuroradiology of the German Society of Neuroradiology
2005 Holthusenring of the German X-ray Society
2005 Lucien Appel Reward of the European Society of Neuroradiology
2006 Coolidge Award
2008 Wilhelm-Conrad-Röntgen Award of the German X-ray Society

A) Publications:

- Kickingereder P, Neuberger U, Bonekamp D, Piechotta PL, Götz M, Wick A, Sill M, Kratz A, Shinohara RT, Jones DTW, Radbruch A, Muschelli J, Unterberg A, Debus J, Schlemmer HP, Herold-Mende C, Pfister S, von Deimling A, Wick W, Capper D, Maier-Hein KH, Bendszus M. Radiomic subtyping improves disease stratification beyond key molecular, clinical, and standard imaging characteristics in patients with glioblastoma. **Neuro-Oncology** 2018;20(6):848-857.
- Godel T, Bäumer P, Pham M, Köhn A, Muschol N, Kronlage M, Kollmer J, Heiland S, Bendszus M, Mautner VF. [Human dorsal root ganglion in vivo morphometry and perfusion in Fabry painful neuropathy](#). **Neurology** 2017;89(12):1274-1282.
- Radbruch A, Haase R, Kieslich PJ, Weberling LD, Kickingereder P, Wick W, Schlemmer HP, Bendszus M. [No Signal Intensity Increase in the Dentate Nucleus on Unenhanced T1-weighted MR Images after More than 20 Serial Injections of Macrocytic Gadolinium-based Contrast Agents](#). **Radiology** 2017;282(3):699-707.
- Radbruch A, Fladt J, Kickingereder P, Wiestler B, Nowosielski M, Baumer P, Schlemmer HP, Wick A, Heiland S, Wick W, Bendszus M. Pseudoprogression in patients with glioblastoma: clinical relevance despite low incidence. **Neuro-Oncology** 2015;17(1):151-159.
- Radbruch A, Lutz K, Wiestler B, Baumer 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-Oncology** 2012;14(2):222-229.
- Bendszus M, Ladewig G, Jestaedt L, Misselwitz B, Solymosi L, Toyka K, Stoll G. Gadofluorine M enhancement allows more sensitive detection of inflammatory CNS lesions than T2-w imaging: a quantitative MRI study. **Brain** 2008;131(Pt 9):2341-2352.
- Bartsch AJ, Homola G, Biller A, Smith SM, Weijers HG, Wiesbeck GA, Jenkinson M, De Stefano N, Solymosi L, Bendszus M. Manifestations of early brain recovery associated with abstinence from alcoholism. **Brain** 2007;130(Pt 1):36-47.
- Bendszus M, Wessig C, Schutz A, Horn T, Kleinschnitz C, Sommer C, Misselwitz B, Stoll G. Assessment of nerve degeneration by gadofluorine M-enhanced magnetic resonance imaging. **Annals of Neurology** 2005;57(3):388-395.
- Bendszus M, Koltzenburg M, Bartsch AJ, Goldbrunner R, Gunthner-Lengsfeld T, Weilbach FX, Roosen K, Toyka KV, Solymosi L. Heparin and air filters reduce embolic events caused by intra-arterial cerebral angiography: a prospective, randomized trial. **Circulation** 2004;110(15):2210-2215.
- 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.

B) Patents: -**Scientific collaborations beyond the planned Collaborative Research Centre**

Department of Neuroradiology, University of Hamburg, Germany
 Department of Neuroradiology, University of Würzburg, Germany
 Department of Neurology, University of Zürich, Switzerland
 EORTC, Brussels, Belgium
 MGH, Boston, USA
 Department of Neurology, Aarhus, Denmark

