CV Marius Ader, PhD

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Born	27.01.1968 in Essen
Academic Status	groupleader at the CRTD/DFG-Center for Regenerative Therapies Dresden

Scientific career

1989 - 1996	University of Bielefeld, Biology Faculty, Diploma degree in Biology
1996 - 2000	PhD, ETH Zürich/University of Hamburg (ZMNH)/University of Bielefeld
Jan. 2001- Dec. 2002	postdoctoral research fellow at the Center of Molecular Neurobiology (ZMNH), University of Hamburg
Jan. 2003 – May 2003	postdoctoral research fellow at the Ophthalmic Clinic, University of Hamburg
Aug. 2003 – Sept. 2007	senior research fellow, Ocular Genetics Unit, Smurfit Institute of Genetics, Trinity College Dublin
since Oct. 2007	Groupleader at the CRTD/DFG-Center for Regenerative Therapies Dresden, University of Technology Dresden, Retinal Regeneration

Grants and Awards

2003 - 2006: Fighting Blindness Ireland, Research Grant

2006 - 2009: Health Research Board Ireland, Research Project Grant

2007 - 2010: MRCG/HRB Co-Funded Research Award

2008 - 2010: CRTD Seed Grant

2009 - 2013: SFB 655

2010 - 2012: CRTD Seed Grant

Publications

Mansergh FC, Vawda R, Millington-Ward S, Kenna PF, Wilson JH, Humphries P, Ader M, Farrar J (2010) Loss of photoreceptor potential from retinal progenitor cell cultures, despite improvements in survival. ***Exp Eye Res***, 91(4):500-12.

Tanner G, Glaus E, Barthelmes D, Ader M, Fleischhauer J, Pagani F, Berger W, Neidhardt J. (2009) Therapeutic strategy to rescue mutation-induced exon skipping in rhodopsin by adaptation of U1 snRNA. ***Hum Mutat,*** 30(2):255-63.

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Bartsch U, Oriyakhel W, Kenna PF, Linke S, Richard G, Petrowitz B, Humphries P, Farrar GJ, Ader M (2008) Retinal cells integrate into the outer nuclear layer and differentiate into mature photoreceptors after subretinal transplantation into adult mice. ***Exp Eye Res,*** 86(4):691-700.

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Richard I, Ader M, Sytnyk V, Dityatev A, Richard G, Schachner M, Bartsch U (2005) Electroporation-based gene transfer for efficient transfection of neural precursor cells. ***Mol Brain Res*** 138(2):182-90.

Ader M, Schachner M, Bartsch U (2004) Integration and differentiation of neural stem cells after transplantation into the dysmyelinated central nervous system of adult mice. ***Eur J Neurosci***, 20(5):1205-10.

Schmucker J, Ader M, Brockschnieder D, Brodarac A, Bartsch U, Riethmacher D (2003) erbB3 is dispensable for oligodendrocyte development in vitro and in vivo. ***Glia*** 44(1):67-75.

Stolt CC, Rehberg S, Ader M, Lommes P, Riethmacher D, Schachner M, Bartsch U, and Wegner M (2002) Terminal differentiation of myelin-forming oligodendrocytes depends on the transcription factor Sox10. ***Genes Dev***, 16, 165-70.

Pressmar S, Ader M, Richard G, Schachner M, and Bartsch U (2001) The fate of heterotopically grafted neural precursor cells in the normal and dystrophic adult mouse retina. ***Invest Ophthalmol Vis Sci,*** 42, 3311-9.

Ader M, Schachner M, and Bartsch U (2001) Transplantation of neural precursor cells into the dysmyelinated CNS of mutant mice deficient in the myelin-associated glycoprotein and Fyn tyrosine kinase. ***Eur J Neurosci***, 14, 561-6.

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