

Personal Details

Name	Volker Ressel
Position	PostDoc Pediatric Rehab Research Group
Academic Position	Dr. rer. Nat / PhD in Neuroscience (magna cum laude)
Address	Rehabilitation Center Affoltern am Albis University Children's Hospital Zurich Mühlebergstrasse 104 CH-8910 Affoltern am Albis Switzerland
Phone	+41 44 762 51 11
E-mail	volker.ressel@kispi.uzh.ch



Graduate

- 2004-2008 Dr. rer. Nat / PhD in Neuroscience, Graduate School of Neural & Behavioural Sciences, International Max Planck Research School, University of Tübingen, DE
- 1997-2002 Dipl. Nat. ETH / Master of Science in Neuroscience and Behavior, ETH Zurich, CH

Research experience

- 2013- PostDoc, Rehabilitation Center Affoltern am Albis, University Children's Hospital Zurich, CH
- 2008-2013 PostDoc, Speech Acquisition and Perception Group, Center of Brain and Cognition, University Pompeu Fabra, and Cognitive Neuroscience Research Group, University of Barcelona, ES
- 2004-2008 Research Assistant, Department of Developmental Pediatrics and Child Neurology, Children's Hospital, University of Tübingen, DE
- 2004 Visiting Scientist, Department of Diagnostic Imaging, Hospital for Sick Children, University of Toronto, CA
- 2003 Test Examiner, Department of Child and Adolescent Psychiatry, University of Zurich, CH
- 2001 Research Assistant, Institute of Pharmacology and Toxicology, University of Zurich, CH
- 2000 Trainee, Institute of Zoology. University of Zurich, CH

Teaching Appointments

- 2017- Journal Club Pediatric Neurorehabilitation. University Zurich, CH
- 2017- Research seminar Pediatric Neurorehabilitation. University Zurich, CH
- 2017- Current topics of Pediatric Neurorehabilitation. University Zurich, CH
- 2013- Research Seminar on Developmental Neuropsychology and Brain Mapping. University Zurich, CH
- 2009-2012 Fundamentals of Psychobiology, Master in Neurosciences, University of Barcelona and University Pompeu Fabra, ES
- 2011 Attention, perception and language, Master in Neurosciences, University of Barcelona and University Pompeu Fabra, ES

Experience in Organization of congresses/workshops

- 2009 Co-organization, IV Workshop: Advances in the study of brain activity, Network of Cognitive Neuroscience, Barcelona, ES
- 2008 Co-organization, Autumn School: "Magnetoencephalography", Course for "Graduate Training Centre of Neuroscience", Tübingen, DE
- 2007 Technical support, European Society of Magnetic Resonance in Neuropediatrics (ESMRN) Conference, Tübingen, DE

Scientific Interests

- Effectiveness of active therapeutic interventions after neurological disorders
- Recovery of neuromotor and cognitive functions
- Magnetic Resonance Imaging

Grants

- 2017 Anna Mueller Grocholski-Foundation, Zurich, CH
- 2017 OPO-Foundation, Zurich, CH
- 2016 Anna Mueller Grocholski-Foundation, Zurich, CH
- 2010-2013 Juan de la Cierva (Competitive PostDoc Grant), Ministry of Science and Innovation, ES
- 2008 Wilhelm-Schuler-Stiftung, Research stay in Toronto, University of Tübingen, DE
- 2004-2006 PhD grant (Competitive PhD Grant), Graduate School of Cognitive Neurobiology, University of Tübingen, DE

Reviewer

- Developmental Psychology
- Brain Connectivity
- Frontiers in Human Neuroscience
- PLOS ONE

Memberships

- Organization for Human Brain Mapping (OHBM)

Publications

- Ressel V, van Hedel HJA, Scheer I, O'Gorman Tuura R (2018): Comparison of DTI Analysis Methods for Clinical Research: Influence of Pre-Processing and Tract Selection Methods. *European Radiology Experimental* 2:33.
- Ressel V, O'Gorman Tuura RL, Scheer I, van Hedel HJA (2017): Diffusion Tensor Imaging predicts motor outcome in children with acquired brain injury. *Brain Imaging and Behavior* 11(5):1373-1384
- Ressel V, Pallier C, Ventura-Campos N, Diaz B, Roessler A, Avila C, Sebastian Galles N (2012): An effect of bilingualism on the auditory cortex. *Journal of Neuroscience*, 32(47):16597-601
- Sebastián-Gallés N, Soriano-Mas C, Baus C, Díaz B, Ressel V, Pallier C, Costa A, Pujol J (2011): Neuroanatomical markers of individual differences in native and non-native vowel perception. *Journal of Neurolinguistics*, 25, 150-162
- Juenger H, Ressel V, Braun C, Ernemann U, Schuhmann M, Krägeloh-Mann I, Staudt M (2009): Misleading functional magnetic resonance imaging mapping of the cortical hand representation in a 4-year-old boy with an arteriovenous malformation of the central region. *J Neurosurg Pediatr.* 2009 Oct;4(4):333-8.
- Ressel V, Wilke M, Lidzba K, Lutzenberger W, Krageloh-Mann I (2008): Increases in language lateralization in normal children as observed using magnetoencephalography. *Brain and Language*, 106, 167-176.
- Herdman AT, Pang EW, Ressel V, Gaetz W, Cheyne D (2007): Task-related modulation of early cortical responses during language production: an event-related synthetic aperture magnetometry study. *Cereb Cortex.* 2007; 17(11):2536-43
- Ressel V, Wilke M, Lidzba K, Preißl H, Krageloh-Mann I, Lutzenberger W (2006): Language lateralization in magnetoencephalography: two tasks to investigate hemispheric dominance. *Neuroreport.* 2006; 17(11):1209-13.
- Kopp C, Ressel V, Wigger E, Tobler I (2006): Influence of estrus cycle and ageing on activity patterns in two inbred mouse strains. *Behavioural Brain Research* 2006; 167(1): 165-74.