



Personal Details

Name	Anne-Laure
Position	Postdoc, Pediatric Rehab Research Group
Academic Position	PhD UZH, Neuropsychologist
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Graduate

- 2016 PhD, University of Zurich, Switzerland
- 2010 MSc in Neuropsychology, University of Zurich, Switzerland
- 2000 BA, Teacher Training College Chur, Switzerland

Training

- 2011 JFK CRS-R Training (Coma Recovery Scale Revised: Giacino et al., 2004) at the Coma Science Group Liège, Belgium

Scientific Interests

- Neural plasticity
- Neurorehabilitation
- Consciousness
- Development
- Sleep

Awards

- 2015: **Anna Müller Grocholski Prize**, Swiss Academy of Childhood Disability: "High-density electroencephalographic recordings during sleep in children and adolescents with acquired brain injury"
- 2014: **Best presentation**: "Longitudinal changes in the build-up of sleep slow wave activity in young patients recovering from acquired brain injury", 5th annual scientific retreat of the Children's Research Centre, University Children's Hospital Zurich, Switzerland
- 2013: **Best poster**: "Slow wave sleep in young stroke patients - investigating its relationship with behavioral performance" 4th annual scientific retreat of the Children's Research Centre, University Children's Hospital Zurich, Switzerland



Publications

- Mouthon AL, Meyer-Heim A, Kurth S, Ringli M, Pugin F, van Hedel HJA, Huber R. High-Density Electroencephalographic Recordings During Sleep in Children and Adolescents With Acquired Brain Injury. *Neurorehabil Neural Repair*. 2017 May;31(5):462-474.
- Lustenberger C, Mouthon AL, Tesler N, Kurth S, Ringli M, Buchmann A, Jenni OG, Huber R. *Developmental trajectories of EEG sleep slow wave activity as a marker for motor skill development during adolescence: a pilot study*. *Dev Psychobiol*. 2016 Jul 12. doi: 10.1002/dev.21446.
- Mouthon AL, van Hedel HA, Meyer-Heim A, Kurth S, Ringli M, Pugin F, Huber R. *High-density electroencephalographic recordings during sleep in children with disorders of consciousness*. *NeuroImage: Clinical* (2016), doi: 10.1016/j.nicl.2016.03.012
- Mouthon AL, Huber R. *Methods in pediatric sleep research and sleep medicine*. *Neuropediatrics*. 2015 Jun;46(3):159-70.
- Wilhelm I, Kurth S, Ringli M, Mouthon AL, Buchmann A, Geiger A, Jenni OG, Huber R. *Sleep slow-wave activity reveals developmental changes in experience-dependent plasticity*. *J Neurosci*. 2014 Sep 10;34(37):12568-75.
- Lee GM, Fattinger S, Mouthon AL, Noirhomme Q, Huber R. *Electroencephalogram approximate entropy influenced by both age and sleep*. *Front Neuroinform*. 2013 Dec 5;7:33.201