

## Curriculum Vitae of Uli Simon Herrmann, MD, PhD

### Personal Data

Date of birth September 4, 1982  
Nationality Swiss  
Languages German, French, English, Spanish, Italian  
Private address Wehntalerstrasse 82  
CH-8057 Zurich, Switzerland  
Mobile phone: +41 79 699 78 36  
Professional address: University Children's Hospital Zurich, Steinwiesstrasse 75  
CH-8032 Zürich, Switzerland, Tel. +41 44 266 3150  
E-mail: [uliherrmann@gmail.com](mailto:uliherrmann@gmail.com)

### Education:

1/2010 – 1/2015 PhD in the Institute of Neuropathology, University Hospital Zurich under the supervision of Prof. A. Aguzzi  
2008 Dr. med., MD Degree at the University of Bern: Sleepiness is not always perceived prior to falling asleep in healthy sleep deprived subjects  
2008 USMLE (United States Medical Licensing Examination) Step 1, USMLE Step 2 CK in Geneva, USMLE Step 2 CS in Philadelphia  
2007 Swiss Federal Diploma of Physician  
2001 – 2007 Medical School, University of Bern (6 years)

### Professional experience:

4/2015- Resident at the University Children's Hospital Zurich (Director: Prof. F. Sennhauser)  
11/2009 – 3/2015 PhD thesis work in the Institute of Neuropathology, University Hospital Zurich under the supervision of Prof. A. Aguzzi  
07/2008 - 10/2009 Resident, Division of Pediatrics Ospedale San Giovanni Bellinzona and Hospital Beata Vergine Mendrisio, Directors: Prof. M. G. Bianchetti and Prof. G.P. Ramelli

### Other experience:

2001 10 weeks on archaeological excavations of the archaeological service of the canton Bern  
2002, 2004, 2008 Swiss army: military training school, school for army physicians, First Lieutenant, 2 months work as a military doctor in Bern

### Publications

1. Guggisberg AG, Mathis J, Herrmann US, Hess CW: The functional relationship between yawning and vigilance, Behav Brain Res. 2007 Apr 16;179(1):159-66. Epub 2007 Feb 3
2. Herrmann US, Hess CW, Guggisberg AG, Roth C, Gugger M, Mathis J: Sleepiness is not always perceived prior to falling asleep in healthy sleep deprived subjects. Sleep Med. 2010 Sep;11(8):747-51. Epub 2010 Jul 31.
3. Ramelli GP, Herrmann U, Lütschg J. [A clinical approach in neuromuscular diseases in childhood] Praxis (Bern 1994). 2010 Jun 23;99(13):785-92. n
4. Gast H, Schindler K, Rummel C, Herrmann US, Roth C, Hess CW, Mathis J: EEG correlation and power during maintenance of wakefulness test after sleep-deprivation. Clin Neurophysiol. 2011 Apr 5.
5. Falsig J, Sonati T, Herrmann US, Saban D, Li B, Arroyo K, Ballmer B, Liberski PP, Aguzzi A: Prion Pathogenesis is faithfully reproduced in cerebellar organotypic slices cultures. PLoS Pathog. 2012 Nov;8(11):e1002985. doi: 10.1371/journal.ppat.1002985. Epub 2012 Nov 1.

6. Sonati T, Reimann RR, Falsig J, Baral PK, O'Connor T, Hornemann S, Yaganoglu S, Li B, Herrmann US, Wieland B, Swayampakula M, Rahman MH, Das D, Kav N, Riek R, Liberski PP, James MN, Aguzzi A. The toxicity of antiprion antibodies is mediated by the flexible tail of the prion protein. *Nature*. 2013 Sep 5;501(7465):102-6. doi: 10.1038/nature12402. Epub 2013 Jul 31.
7. Herrmann US, Sonati T, Falsig J, Reimann RR, Dametto P, O'Connor T, Li B, Lau A, Hornemann S, Sorce S, Wagner U, Sanoudou D, Aguzzi A. Prion Infections and Anti-PrP Antibodies Trigger Converging Neurotoxic Pathways. *PLoS Pathog*. 2015 Feb 24;11(2):e1004662. doi: 10.1371/journal.ppat.1004662. eCollection 2015 Feb.
8. Dametto P, Lakkaraju AK, Bridel C, Villiger L, O'Connor T, Herrmann US, Pelczar P, Rüllicke T, McHugh D, Adili A, Aguzzi A. Neurodegeneration and Unfolded-Protein Response in Mice Expressing a Membrane-Tethered Flexible Tail of PrP. *PLoS One*. 2015 Feb 6;10(2):e0117412. doi: 10.1371/journal.pone.0117412. eCollection 2015
9. Zhu C, Herrmann US, Li B, Abakumova I, Moos R, Schwarz P, Rushing EJ, Colonna M, Aguzzi A. Triggering receptor expressed on myeloid cells-2 is involved in prion-induced microglial activation but does not contribute to prion pathogenesis in mouse brains. *Neurobiol Aging*. 2015 Feb 27. pii: S0197-4580(15)00150-5. doi: 10.1016/j.neurobiolaging.2015.02.019. [Epub ahead of print].
10. Herrmann US, Schütz AK, Shirani H, Huang D, Saban D, Nuvolone M, Li B, Ballmer B, Åslund AK, Mason JJ, Rushing E, Budka H, Nyström S, Hammarström P, Böckmann A, Caflisch A, Meier BH, Nilsson KP, Hornemann S, Aguzzi A. Structure-based drug design identifies polythiophenes as antiprion compounds. *Sci Transl Med*. 2015 Aug 5;7(299):299ra123. doi: 10.1126/scitranslmed.aab1923.

#### Awards and Grants

1. Poster Award of the Swiss Society of Clinical Neurophysiology, Lugano, Switzerland 2007
2. Poster Award of the Symposium in honour of Prof. Borbély, Kartause Ittingen, Switzerland 2007
3. Participation ESRS-EU Marie Curie Project 2008: Training Course in Bertinoro, Practical Training Period in the Sleep Laboratory in Helsinki of Prof. Tarja Porkka-Heiskanen
4. Travel Grant of the European Sleep Research Society, for the 19<sup>th</sup> Congress held in Glasgow (UK), September 2008
5. Poster Award Déjerine-Dubois of the Swiss Society of Neurology, Basel November 2008
6. MD/PhD grant of the Swiss National Science Foundation for three years, 2010
7. Participation in the Nobel laureate meeting at Lindau 2011
8. Support by Matching Funds of the Center of Clinical Research of the University Hospital Zurich (75'000CHF), 2012
9. Molecular Life Sciences (MLS) program Travel Grant 2012.
10. Poster award at the day of Clinical Research, University Hospital Zurich, 2014
11. ZNZ Best PhD Award 2015, Zürich September 2015