

Curriculum vitae

Anne-Katrin Pröbstel, MD

Date of birth: May 4, 1986
Nationality: German
Address: Department of Neurology
University of California San Francisco
675 Nelson Rising Lane
San Francisco, CA 94158
Email: anne-katrin.probstel@ucsf.edu



Education

- 11/2007 - 08/2011 **Doctoral degree**, Max-Planck-Institute of Neurobiology, Munich & Clinical Neuroimmunology, University Hospital Munich, Germany, Prof. Dr. E. Meinl: “Autoantibodies in pediatric demyelinating diseases”, 01/2014, “*summa cum laude*”
- 11/2007 - 09/2009 **Studies of Molecular and Systems Biology**, Ludwig-Maximilians-University, Munich, Germany
- 10/2005 - 06/2012 **Medical School**, Ludwig-Maximilians-University, Munich, Germany: State examination 06/2012: “very good” (top 5% of Germany)
- 08 - 12/2011 Harvard Medical School, Boston, and USA: Elective (emergency) medicine
02 - 06/2011 Université Paris-Diderot, Paris, France: Elective (neuro)surgery
09 - 10/2010 Westmead Children’s Hospital, Sydney, Australia: Internship neuropediatrics, Prof. R. Dale
03 - 04/2010 Mount Sinai Medical School, NYC, USA: Internship movement disorders & multiple sclerosis with Profs. M. Tagliati & A. Miller
- 08/2003 - 06/2005 **High School**, senior classes, Goethe-Gymnasium, Frankfurt am Main, Germany, bilingual stream (English): Graduation: „Grade 1,0“ (best of class); IB-Certificate (International Baccalaureate): English, Biology and Philosophy (higher level)
- 08/2002-06/2003 Charlotte Country Day School, Charlotte, North Carolina, USA: high school year abroad

Professional Experience

- 09/2012 - 05/2016 **Residency**, Department of Neurology, Head: Prof. L. Kappos, University Hospital Basel, Switzerland
- *Treating physician* in Phase II/III/IV Studies: CBAF312A2304, INFORMS, OPERA, ORATORIO, STRATA, TEMSO, UMBRELLA
- 06/2016 - present **Postdoctoral fellow**, Department of Neurology, Head: Prof. S. Hauser, University of California San Francisco, USA

Scholarships, Awards

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| 04/2016 | American Academy of Neurology (AAN) International Scholarship Award |
| 10/2015 | Swiss Association of Young Neurologists (SAYN) Award |
| 2014 | Young Investigator Travel Award , European & American Committee of Treatment and Research in Multiple Sclerosis (ECTRIMS/ACTRIMS) |
| 2013 & 2016 | Young Investigator Travel Award , European Committee of Treatment and Research in Multiple Sclerosis (ECTRIMS) |
| 08 - 12/2011 | Munich-Harvard Alliance Scholarship : Merit-based scholarship to study at Harvard Medical School (1 semester) |
| 02 - 04/2011 | European Union Erasmus Scholarship : Merit-based scholarship to study in France (1 semester) |
| 06/2011 | Student participant, 60th Interdisciplinary Nobel Laureate Meeting, Lindau, Germany |
| 11/2007 - 09/2009 | Medical School, Munich, Germany : Merit-based doctoral scholarship |
| 02/2007 - 06/2012 | Elite Network of Bavaria : Merit-based scholarship for highly talented students |
| 02/2006 - 06/2012 | German National Academic Foundation : Merit-based scholarship for highly talented students |
| 06/2005 | Karl-Fisch-Prize, German Society of Biology |
| 05/2003 | Sewanee Award for Excellence in Writing , Sewanee, The University of the South |

Grants

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| 06/2016 - 11/2017 | Swiss National Science Foundation (SNF) : Postdoctoral scholarship |
| 06/2014 - 06/2015 | Intramural funding (“Forschungsfonds for excellent young scientists”), University of Basel : Project funding |
| 02/2013 - present | Genzyme Neuroimmunology Research Fellowship : Project funding |

Professional Memberships

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|-------------------|--|
| 06/2016 - present | German Society for Clinical Neurophysiology (DGKN) |
| 04/2016 - present | Swiss Neurological Society (SNG) |
| 01/2016 - present | American Academy of Neurology |
| 05/2015 - present | Swiss Society for Clinical Neurophysiology (SGKN) |
| 08/2014 - present | German Neurological Society (DGN) |
| 06/2014 - present | German Society of Immunology (DGfI) |

Publications

Original articles:

1. **Pröbstel AK**, Kuhle J, Lecourt AC, Vock I, Sanderson NSR, Kappos L, Derfuss T. Anti-KIR4.1 reactivity does not differentiate multiple sclerosis patients from controls. *NEJM* **2016** Apr 14;374(15):1496-8.
2. Rasenack M, **Pröbstel AK**, Athanasopoulou IM, Décard BF, Grimm A. Nerve hypertrophy in primary amyloidosis. *Muscle Nerve* **2016** Mar 21. doi: 10.1002/mus.25113.
3. Grimm A, Décard BF, Schramm A, **Pröbstel AK**, Rasenack R, Axer H*, Fuhr P*. *contributed equally Long-term follow up of Guillain-Barré syndrome patients with ultrasound and electrophysiology. *Clin Neurophysiol* **2015** Jul 21; pii:S1388-2457(15)00722-1.
4. **Pröbstel AK**, Rudolf G, Dornmair K, Collongues N, Chanson JB, Sanderson NSR, Lindberg RLP, Kappos L, de Seze J*, Derfuss T*. *contributed equally Anti-MOG antibodies are present in a subgroup of patients with a neuromyelitis optica phenotype. *J Neuroinflamm* **2015** Mar 8; 12(1):46.
5. Mayer MC, Breithaupt C, Reindl M, Schanda K, Rostasy K, Berger T, Dale RC, Brilot F, Olsson T, Jenne D, **Pröbstel AK**, Dornmair K, Wekerle H, Hohlfeld R, Banwell B, Bar-Or A, Meinl E. Distinction of conformational epitopes on human myelin oligodendrocyte glycoprotein recognized by human antibodies. *J Immunol* **2013** Okt 1; 191(7), 3594–3604.
6. **Pröbstel AK**, Dornmair K, Bittner R, Sperl P, Jenne D, Magalhaes S, Villalobos A, Breithaupt C, Weissert R, Jacob U, Krumbholz M, Kuempfel T, Blaschek A, Stark W, Gärtner J, Pohl D, Rostasy K, Weber F, Forne I, Khademi M, Olsson T, Brilot F, Tantsis E, Russell D, Wekerle H, Hohlfeld R, Banwell B*, Bar-Or A*, Meinl E*, Derfuss T*. *contributed equally Antibodies to MOG are transient in childhood acute disseminated encephalomyelitis. *Neurology* **2011** Aug 9; 77(6):580-8.

Reviews:

1. **Pröbstel AK**, Sanderson N, Derfuss T. B cells and autoantibodies in multiple sclerosis. *Int J Mol Sci* **2015** Jul 21; 16(7):16576-92.
2. Meinl E, Krumbholz M, Derfuss T, **Pröbstel AK**, Hohlfeld R. Humoral autoimmunity in multiple sclerosis. *J Neurol Sci Sep* **2010** Jul 15; 306(1-2):180-2.

San Francisco, June 2016