

Prof. Dr. med. Andreas Hufnagel

Curriculum Vitae

- 13.4.1958 born in Reinheim / Germany
- Since 1984 married, three daughters (10,16,19 years old)
- 1971 - 1977 senior secondary school (Albert Einstein Gymnasium) in Groß-Bieberau / Germany
- 1974 - 1975 exchange student to Lexington, USA, as scholarship holder of the American Field Service
- 1977 certificate of maturity (Abitur), mark: 1.1 (excellent), focus of studies: English and Mathematics
- 1977 - 1984 study of human medicine at the Justus-Liebig-University in Giessen, Germany
- 1981 elective medical student exchange (Famulatur) to a hospital in Melbourne/Australia
- 1983 internship (Praktisches Jahr), general surgery, in Wellington/New Zealand as a scholarship holder of the DAAD (Deutscher Akademischer Austauschdienst: German Academic Exchange Service)
- 1984 ECFMG (Educational Commission for Foreign Medical Graduates), US. American final examination
- 1984 board certification to practice as physician (Approbation)
- 1984 - 1985 scientific assistant doctor at the Dept. of Neurosurgery, of the University of Giessen (Director: Prof. Dr. Dr. H. W. Pia)
- 1985 - 1988 scientific assistant doctor at the Dept. of Neurology, of the University of Giessen (Director: Prof. Dr. W. Dorndorf)
- 1987 doctor of medicine (Promotion)
- 1988 - 1989 scientific assistant doctor at the Dept of Psychiatry, of the University of Bonn (Director: Prof. Dr. H.-J. Möller)
- 1990 board certified specialist in neurology (Facharzt für Neurologie)
- 1992 certification as a senior university lecturer on neurology (Habilitation and venia legendi) at the „Rheinische Friedrich Wilhelms University Bonn“ with the study subject „Methods of activation of the epileptic focus“

- 1990 - 1996 consultant at the Dept of Epileptology of the University of Bonn (Director: Prof. Dr. C.E: Elger) and Dept. of Neurology of the University of Bonn (Director: Prof. Dr. F. Jerusalem)
- 1990 - 1996 deputy of the director (Prof. Dr. C.E. Elger) of the Dept. of Epileptology when absent
- 1988 - 1996 development of a center for presurgical evaluation and surgical epilepsy therapy at the university hospital of Bonn together with Prof. Dr. C.E. Elger
- 1995 third place on the list for the succession of the Chair of Neurology (C4-Lehrstuhl) at the University of Ulm / Germany
- 1997 full professor of neurology at the University of Essen
- 1994 - 1998 official consultative contract for the development of a center for epilepsy surgery at the University hospital of Bern, Switzerland
- 1992-2006 „Leiter klinischer Prüfungen“, National and international chief investigator for more than 20 pharmaceutical studies including phase 2-4 trials of topiramate, tiagabine, rufinamide, remacemide, beta-interferone, lamotrigine, levetiracetam, neotrofin, CAMP (ampa-antagonist), pregabalin and others
- 1996-2006 leading senior physician (permanent deputy of the hospital director) at the Dept of Neurology of the University Hospital of Essen (Director: Prof. Dr. H.C. Diener)

Essen, 30.3.2006

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Main fields of scientific work

- 1987 doctor of medicine with the thesis: „Growth of the single kidney during childhood, excretory urographic and sonographic monitoring“
- 1987 - 1988 scientific assistant at the Dept of Neurology, of the University of Giessen, research, publications and lectures on the following subjects:
1. intracerebral hematoma
 2. vascular epilepsy
 3. craniocerebral trauma
 4. disk herniations
 5. investigator in a multicenter study regarding combination therapy of Parkinson`s disease
- 1988 - 1996 senior physician at the Depts. for Epileptology and Neurology of the University of Bonn; research, lectures and publications on the following subjects:
1. clinical epileptology
 2. presurgical evaluation of epilepsy
 3. function of central motor pathways - studies with the help of transcranial magnet stimulation
 4. localization of the epileptic focus with the help of different anesthesia techniques
 5. functional brain topography evaluated with cortical electrostimulation
 6. memory function (neurophysiological studies, rapid transcranial magnetic stimulation)
 7. treatment of epilepsy with new anticonvulsants: national and international main investigator of several multicenter studies, e.g. tiagabin, abecarnil, lamotrigin, topiramate, remacemide; rufinamide
 8. effectiveness of vagus nerve stimulation for prophylaxis and remission of epileptic seizures (1990-2000)
- 1996-2006 Full Professor at the Dept. of Neurology at the University of Essen/Germany, research, lectures and publications on:
1. medical treatment of epilepsy: national and international main investigator of > 20 multicenter trials
 2. motor reorganisation following hemispherectomy
 3. postictal and interictal brain perfusion and -diffusion evaluated by high resolution magnetic resonance tomography
 4. Neuroprotection in experimental status epilepticus
 5. Basic mechanism of epilepsy – animal hippocampal slice studies
 6. Neurocognition in F-MRI