

CURRICULUM VITAE

Heinz Gregor Wieser, Dr. med., Prof. emeritus

Date of Birth: March 25, 1943
 Place of Birth: Reddemitz, Westpreussen (today Poland)
 Civil Status: Divorced; two children (Stephan, 1975; Hanno, 1977)
 Nationality: Swiss and Austrian
 Home Address: Langholzstrasse 96, CH-8618 Oetwil am See
 Mobile: +41 796 65 2506
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Former Work Address: Neurology Clinic, University Hospital Zürich (presently acting director: Prof. Dr.med. Weller); Frauenklinikstrasse 26, CH - 8091 Zürich

Education and Professional history:

Bundesrealgymnasium Oberschützen (Burgenland/Austria) -
 Graduation (with honor) on June 19, 1962
 Study of Medicine at the University Vienna from Oct. 1962 - May 1969
 Promotion to Dr.med.univ. on May 23, 1969

Habilitation at the University of Zürich, concluded with the *venia legendi* for the field Neurology with special regard to Epileptology and Electroencephalography on September 14, 1981

Acknowledgement as Medical Specialist for the field Neurology and Psychiatry and Allowance for Specialist Practice in Austria (Decree of the Federal Ministry for Public Health and Environmental Conservation of the Republic of Austria of July 4, 1984)

(Invited to position of) *C3-Professur* for Epileptology and Preoperative Epilepsy Diagnosis at the Neurosurgical-Neurological Clinic and Policlinic (WH 10) of the Section *Universitätsklinikum Charlotenburg*, Berlin (Letter of the Berlin senator for Science and Research of May 26, 1987)

Election as Professor Extraordinarius for Neurology at the University of Zürich (Decision of the *Regierungsrat Kanton Zürich* of September 22, 1989)

Election as Professor Ordinarius ad personam for Neurology at the University of Zürich (Oct 2001)

Retirement Active hospital position: April 2008, Active University position end of August 2008; Since 2008 Prof. emeritus at the Medical Faculty, University Zurich. Since then I engaged (until recently) as a reviewer and expert; as a personal physician to a VIP; as a PI at QNRF; and as invited lecturer (among others: Qatar Neurology Symposia 2005,2006,2007,2008,2009,2010, 2001,2012,2013)

Clinical Positions

Jan 95 – April 2008 Head of the Department for Epileptology & Electrophysiology and Leading Physician - “Leitender Arzt“ of the Department for Epileptology and EEG at the *Neurology Clinic, University Hospital Zurich*
 Director of the *Epilepsy Surgery Programme University Hospital Zürich*

Honors, Awards

- Friedrich-von Bodelschwingh Price 1979/1980
- Corresponding Member of the *German International League against Epilepsy* 1981
- Corresponding Member of the *German EEG-Society* 1989
- Penfield Lecture 1990, Tokyo
- Berger Price 1991
- Walter O.Klingman Memorial Lecturer, University of Virginia 1992
- Corresponding Member of the *Austrian Academy of Sciences* 1992
- Ordinary Member of the *Königsteiner Arbeitskreis für Epileptologie* 1992
- Ciba-Geigy - Internat. League against Epilepsy (ILAE) and Internat. Bureau for Epilepsy (IBE) Epileptology Award 1994
- Honorary Member of the *Columbian League against Epilepsy* 1994
- Honorary Member of the *Turkish League against Epilepsy* 1996
- Ambassador for Epilepsy of the *Internat. League against Epilepsy (ILAE) and Internat. Bureau for Epilepsy (IBE)* 1997
- Honorary Member of the *Polish League against Epilepsy* (2004)
- Recipient of the Tissot-Medal of the *Swiss League against Epilepsy* 2009
- Honorary Member of the *Swiss League against Epilepsy* 2010
- Recipient of the Honor Ring of the *Marktgemeinde Vorau* 2013

Visiting Professorships

- University of Virginia 1992
- Department of Neurosurgery, University of Little Rock, Arkansas, USA June 1998
- Universities of Japan (Tokyo, Osaka, Sapporo, Fukuoka) 1998
- Hospital Infantil de Mexico “Federico Gomez”, Universidad Nacional Autonoma de México, and Institut Mexicana de Psiquiatria, Mexico, 1998
- University of Ankara 2000
- Aga Khan University Karachi 2005
- Asahikawa University (Jap. League against Epilepsy) 2005

Membership Medical and Scientific Societies (since)

- *Swiss Society for Electroencephalography and Clinical Neurophysiology* (1976-);
- *Swiss League against Epilepsy* (1976-), *Member of the Board* (1988-2008), *President* (1990-1997); *Member of the SLgE Commission On Research* (1997-2008)
- *Swiss Society for Neurology* (1976-);
- *Société d'électroencephalographie et de Neurophysiologie clinique de langue française* (1982-);
- *European Society of Stereotactic and Functional Neurosurgery* (1976-);
- *Austrian Society for Biomedical Technics* (1979-);
- Member of the *International League against Epilepsy (ILAE)*:
 - *ILAE International Study Group for Psychosis and Epilepsy Surgery* (1984-1988);
 - *ILAE Commission for Neurosurgery for Epilepsy* (Co-chairman, 1986-1994);

- Chairman: 1997-2005)
- *ILAE Commission for Classification of the Epilepsies* (1979-1984; 1998 -2005);
 - *ILAE Commission for Classification of Seizures* (1998-)
 - *ILAE Commission on Long Range Planning* (1991-1994; 1998 -2005);
 - *ILAE Commission on European Affairs* (1994); *European Advisory Board* (1994 -):
- Chairman of the Steering Committee *European Network for Epilepsy Surgery* (1992)
 - *European Academy of Epileptology* (Founding Member, 1997-)
 - *Arbeitsgemeinschaft für prächirurgische Epilepsiediagnostik und operative Epilepsitherapie e.V.* (1991; Board Member since 1997; Assistant Chairman since Oct 1999; Chairman since Oct 2001)
 - Member & President of the *Königsteiner Arbeitskreis* for Epileptology
 - Member of the *Commission "Interdisciplinary Research" of the ETH* (Swiss Technical University) and *University Zurich*
 - Group leader of *Zentrum für Neurowissenschaften University Zürich (Neuroscience Center University Zurich, ZNZ)*
 - Chairman of the Task Force *Brain Week Zurich 1999 & Brain Fair Zurich 2000*.
 - Member of the Task Force "*International Week of the Brain*" 2001-2007
 - Vice-President and member of *Specialized Ethics Commission Psychiatry, Neurology, Neurosurgery* (SPUK) of the Cantonal Ethics Commission Zurich (KEK)
 - Board Member & Executive Council Member of the *Foundation on Mobile Communication* (Federal Technical University Zurich; 1999-2007)
 - Course Director: *Epilepsy Summer School 2006*; Venice Internat. University, San Servolo

Publishing Activities

Publications: See "Publication list" with 515 contributions (PubMed lists 170) and "List of Abstracts" (with more than 435 abstracts listed) – Lists available

Publications HG Wieser 2008-2012

Kaplan PW, Rossetti AO, Kaplan EH, **Wieser HG**. Proposition: limbic encephalitis may represent limbic status epilepticus. A review of clinical and EEG characteristics. *Epilepsy Behav.* 2012;24(1):1-6.

Lachos J, Zattoni M, **Wieser HG**, Fritschy JM, Langmann T, Schmitz G, Errede M, Virgintino D, Yonekawa Y, Frei K. Characterization of the gene expression profile of human hippocampus in mesial temporal lobe epilepsy with hippocampal sclerosis. *Epilepsy Res Treat.* 2011;2011:Article ID 758407 (11 pages). doi:10.1155/2011/758407

Al-Hail HJ, **Wieser HG**, Mesraoua B. Ictal wiping or rubbing movements of the nose and lower eye lid by hand ipsilateral to the hemispheric lesion: Symptoms of the "insular ocular movements area"? *Epileptologia*, 2011; 19: 51–57

Kasperaviciute D, Catarino CB, Heinzen EL, Depondt C, Cavalleri GL, Caboclo LO, Tate SK, Jamnadas-Khoda J, Chinthapalli K, Clayton LM, Shianna KV, Radtke RA, Mikati MA, Gallentine WB, Husain AM, Alhusaini S, Leppert D, Middleton LT, Gibson RA, Johnson MR, Matthews PM, Hosford D, Heuser K, Amos L, Ortega M, Zumsteg D, **Wieser HG**, Steinhoff BJ, Krämer G, Hansen J, Dorn T, Kantanen AM, Gjerstad L, Peuralinna T, Hernandez DG, Eriksson KJ, Kälviäinen RK, Doherty CP, Wood NW, Pandolfo M, Duncan JS, Sander JW, Delanty N, Goldstein DB, Sisodiya SM. Common genetic variation and susceptibility to partial epilepsies: a genome-wide association study. *Brain.* 2010;133(Pt 7):2136-47.

Heinzen EL, Radtke RA, Urban TJ, Cavalleri GL, Depondt C, Need AC, Walley NM, Nicoletti P, Ge D, Catarino CB, Duncan JS, Kasperaviciute D, Tate SK, Caboclo LO, Sander JW, Clayton L, Linney KN, Shianna KV, Gumbs CE, Smith J, Cronin KD, Maia JM, Doherty CP, Pandolfo M, Leppert D, Middleton LT, Gibson RA, Johnson MR, Matthews PM, Hosford D, Kälviäinen R, Eriksson K, Kantanen AM, Dorn T, Hansen J, Krämer G, Steinhoff BJ, **Wieser HG**, Zumsteg D, Ortega M, Wood NW, Huxley-Jones J, Mikati

M, Gallentine WB, Husain AM, Buckley PG, Stallings RL, Podgoreanu MV, Delanty N, Sisodiya SM, Goldstein DB. Rare deletions at 16p13.11 predispose to a diverse spectrum of sporadic epilepsy syndromes. *Am J Hum Genet.* 2010; 86(5):707-18.

Mesraoua B, **Wieser HG**. Non-convulsive seizures and non-convulsive status epilepticus monitoring in the intensive care unit. A real need for the Gulf Cooperation Council countries. *Neurosciences (Riyadh).* 2009;14(4):323-37.

Loup F, Picard F, Yonekawa Y, **Wieser HG**, Fritschy JM. Selective changes in GABAA receptor subtypes in white matter neurons of patients with focal epilepsy. *Brain.* 2009 Sep;132(Pt 9):2449-63.

Valko PO, Siccoli MM, Schiller A, **Wieser HG**, Jung HH. Non-convulsive status epilepticus causing focal neurological deficits in CADASIL. *BMJ Case Rep.* 2009;2009. doi:pii: bcr08.2008.0713. 10.1136/bcr.08.2008.0713. Epub 2009 Feb 2.

Eschle D, **Wieser HG**. Could transient global amnesia be an epileptic phenomenon? *Schweiz. Arch f. Neurologie und Psychiatrie* 2009, 160: 73-76

Haag A, Knake S, Hamer HM, Boesebeck F, Freitag H, Schulz R, Baum P, Helmstaedter C, Wellmer J, Urbach H, Hopp P, Mayer T, Hufnagel A, Jokeit H, Lerche H, Uttner I, Meencke HJ, Meierkord H, Pauli E, Runge U, Saar J, Trinka E, Benke T, Vulliemoz S, Wiegand G, Stephani U, **Wieser HG**, Rating D, Werhahn K, Noachtar S, Schulze-Bonhage A, Wagner K, Alpherts WC, Boas Wv, Rosenow F; Arbeitsgemeinschaft für Prächirurgische Epilepsiediagnostik und Operative Epilepsitherapie e.V. The Wada test in Austrian, Dutch, German, and Swiss epilepsy centers from 2000 to 2005: a review of 1421 procedures. *Epilepsy Behav.* 2008;13(1):83-9.

Wieser HG. Psychopathologie in der Epileptologie. *Schweiz Arch Neurol & Psychiat.* 2008; 159:317-330

Wieser HG . Epilepsie. Geschichte, Fortschritte und Meilensteine. *Schweizer Zeitschr. F. Psychiatrie und Neurologie. Sonderheft 100 Jahre SNG* 2008. pp.41-49.

Wieser HG, Zumsteg D. Deep Brain Stimulation: New treatment options in drug-resistant epilepsies ? *Epileptologia* 2008;16:27-40

Kurthen M (federführend), Janzen RWC, Lerche H, Schmidt D, Schneider D, Stefan H, Steinhoff B, Trinka E, **Wieser HG**. Status epilepticus im Erwachsenenalter Leitlinien für Diagnostik und Therapie in der Neurologie published by Dtsch.Gesellschaft für Neurologie, Leitlinien 2008,

HG Wieser. The state of the art of epilepsy surgery. *Asahikawa Epilepsy Surgery Research* 2008, 4:7-26

Wieser HG. Entwicklung und aktueller Stand der Epilepsiechirurgie_Das Neurophysiologie – Labor 2008; 30(3):111-139

Book:

Wieser HG, Zumsteg D. Subthalamic and Thalamic Stereotactic Recordings and Stimulations in Patients with Intractable Epilepsy. John Libbey Eurotext: Paris 2008: 1-191.

Book-Chapters:

Mesraoua B, Deleu D, **Wieser HG**. Long-term monitoring: An overview. pp 145-172. In: *Epilepsy-Histological, Electroencephalographic and Psychological Aspects*, ISBN 978-953-51-0082-9, edited by Dejan Stevanovic, Febr 2012 (online) <http://www.intechweb.org/>

Mesraoua B, Deleu D, **Wieser HG**. Long-Term Monitoring: An Overview. In: *Epilepsy – Histological, Electroencephalographic and Psychological Aspects*, edited by Dejan Stevanovic; Febr 2012 (online). pp. 145-172 <http://www.intechopen.com/articles/show/title/long-term-monitoring-an-overview>

Wieser HG, Zumsteg D. Indications for Surgical Management of Epilepsy. In: Andres M. Lozano, Philip L. Goldenberg, Ronald R. Tasker (Eds.) *Textbook of Stereotactic and Functional Neurosurgery*, 2nd Edition, Volume 2. Springer, Berlin-Heidelberg. 2009: 2543-2559

Wieser HG, Fischer M. Temporal lobe non-convulsive status epilepticus.

In: Nonconvulsive Status Epilepticus. Kaplan P, Drislane F (eds.) Demos Med Publ. New York. 2009:119-137

Wieser HG. Hippocampal and parahippocampal seizures. MedLink Neurology chapter (published July 2007; updated Febr 13,2008)

Wieser HG. Foramen ovale and peg electrodes. *In: Epilepsy: A Comprehensive Textbook.* Engel J Jr, Pedley TA (eds.) Second Edition. Lippincott Williams & Wilkins 2008:1779-1789.

Wieser HG, Chauvel P. Simple Partial Status Epilepticus and Epilepsia Partialis Continua of Kozhhevnikov *In: Epilepsy: A Comprehensive Textbook.* Engel J Jr, Pedley TA (eds.) Second Edition. Lippincott Williams & Wilkins 2008:705-723.

Engel J Jr, **Wieser HG,** Spencer D. Overview: Surgical therapy. *In: Epilepsy: A Comprehensive Textbook.* Engel J Jr, Pedley TA (eds.) Second Edition. Lippincott Williams & Wilkins 2008:1747-1749.

Engel J Jr, Williamson P, **Wieser HG.** Mesial temporal lobe epilepsy with hippocampal sclerosis. *In: Epilepsy: A Comprehensive Textbook.* Engel J Jr, Pedley TA (eds.) Second Edition. Lippincott Williams & Wilkins 2008:2479-2486.

Jones-Gotman M, Smith ML, **Wieser HG.** Intra-arterial Amobarbital procedures. *In: Epilepsy: A Comprehensive Textbook.* Engel J Jr, Pedley TA (eds.) Second Edition. Lippincott Williams & Wilkins 2008:1833-1841.

Wieser HG, Schindler K. Foramen Ovale and epidural electrodes in the definition of the seizure onset zone. *In: Luders HO (ed.) Textbook of Epilepsy Surgery.* Informa Healthcare,UK, 2008:629-640

Wieser HG, Schindler K. Classification of seizure outcome following epilepsy surgery *In: Luders HO (ed.) Textbook of Epilepsy Surgery.* Informa Healthcare,UK, 2008:1545-1551

Wieser HG, Schindler K. Epilepsy surgery in Switzerland. *In: Luders HO (ed.) Textbook of Epilepsy Surgery.* Informa Healthcare,UK, 2008:59-72

Wieser HG. Stereoelectroencephalography and Foramen Ovale Electrode Recording. *In: Electroencephalography: Basic Principles, Clinical Applications, and Related Fields.* Niedermeyer E, Lopes da Silva F (eds.) Lippincott Williams & Wilkins: Baltimore. Fifth edition 2008:749-768

Books

Wieser HG. Electroclinical Features of the Psychomotor Seizure. A Stereo-electroencephalographic Study of Ictal Symptoms and Chronotopographical Seizure Patterns Including Clinical Effects of Intracerebral Stimulation. G. Fischer-Butteworths: Stuttgart-London 1983 (242 pp).

Wieser HG, Speckmann EJ, Engel J Jr. (eds.) The Epileptic Focus. John Libbey: London, Paris 1987 (229 pp).

Meldrum BS, Ferendelli JA, Wieser HG (eds.). Anatomy of epileptogenesis. Current problems in epilepsy 6. John Libbey: London-Paris 1988.

Wieser HG, Elger CE. (eds.) Presurgical Evaluation of Epileptics. Basics, Techniques, Implications. Springer: Berlin, Heidelberg, New York 1987 (415 pp).

Wieser HG, Dreifuss F, Heinemann U (eds.) Zürich Consensus Conference on New Antiepileptic Drugs. *Epilepsia* 1994;35 (Suppl.5).

Krämer G, Wieser HG (eds.). Epilepsiebericht Schweiz 2002. Hippokampus Verlag: Bad Honnef 2002

Zumsteg D, Hungerbühler HJ, Wieser HG. Atlas of Adult Electroencephalography. Hippocampus-Verlag: Bad Honnef 2004.

Wieser HG, Zumsteg D. Subthalamic and Thalamic Stereotactic Recordings and Stimulations in Patients with Intractable Epilepsy. John Libbey Eurotext: Paris 2008:1-191.

Co-Editor (4 journals); **Consulting Editor** (5 journals); **ad hoc Reviewer** for most journals in my fields: epileptology, clinical neurophysiology, and neurology.

Member of the Editorial Boards

- Neurology of the Journal *Info Neurologie & Psychiatrie*, Springer
- Zeitschrift Psychiatrie, & Neurologie
- Editorial Board Special J of Clin Research in Neurology: Temporal Lobe Epilepsy in Children/ Europ.Journal of Clinical Research
- Journal of Epileptology (Foundation of Epileptology Warsaw, Poland)
- Epileptologie (Springer – *Dsch.Liga gegen Epilepsie*)

Details to Professional Career.

Besides basic education in general neurology, general psychiatry, medical psychology & psychotherapy, I learned the techniques of spinal lumbar & cervical puncture, pneumoencephalography & ventriculography, carotid & vertebral angiography (Rosenhügel - Vienna & Sainte Anne - Paris). In Paris I adopted the techniques of the “reperage” (mapping of the individual brain into stereotactic coordinates) & stereo-electroencephalography (“acute” intracerebral depth recording, using stereotactic techniques = SEEG). In a very fruitful collaboration and longstanding friendship with Dr. Jean Bancaud & Dr. Gabor Szikla/Paris and the UCLA/California (Profs. Paul Crandall & Jerome Engel jr, etc) and MNI (Montreal, Profs. E.& F.Andermann, T Rasmussen, M.& J.Gotman & M.Jones-Gotman, P.Gloor, etc) groups, I developed in Zurich “chronic” depth recordings (up to weeks) and created a special SEEG laboratory. This laboratory enabled electroclinical long-term monitoring and sophisticated electrophysiological examinations, including intracerebral electrical stimulation. The careful electro-clinical analysis of the SEEG-data led to the subclassification of temporal lobe and frontal lobe epilepsy (1) = Wieser 1983) and consequently to the surgical treatment of the mesial-temporal lobe epilepsy by selective amygdalohippocampectomy (2,3 = Yasargil, Yonekawa, Wieser). Further major steps were the development of the so-called foramen ovale electrode technology (4) and the selective temporal lobe Amobarbital memory tests (5). The unique opportunities at the University Zurich with strong intradisciplinary clinical and experimental research were fundamental to extend our research interests into neurotransmitters, new morphological and functional imaging techniques, such as MRI, fMRI, SPECT and PET.

1. Wieser HG. Electroclinical Features of the Psychomotor Seizure. A Stereo-electroencephalographic Study of Ictal Symptoms and Chronotopographical Seizure Patterns Including Clinical Effects of Intracerebral Stimulation. G. Fischer-Butteworths: Stuttgart-London 1983 (242 pp).
2. Wieser HG, Yasargil MG. Selective amygdalohippocampectomy as a surgical treatment of mesiobasal limbic epilepsy. *Surg.Neurol.* 1982; 17:445-457

3. Yonekawa Y., Leblebicioglu-Könü D, Strommer K, Wieser HG. Selective amygdalohippocampectomy according to Yasargil-Wieser for intractable epilepsy. *Neurosurgeons* 1996; 15:184-191
4. Wieser HG, Elger CE, Stodieck SRG (1985) The 'Foramen Ovale Electrode': A new recording method for the preoperative evaluation of patients suffering from mesio-basal temporal lobe epilepsy. *Electroenceph.clin.Neurophysiol.* 61:314-322
5. Wieser HG, Müller S, Schiess R, Khan N, Regard M, Landis T, Bjejjac M, Buck A, Valavanis A, Yasargil G, Yonekawa Y. The anterior and posterior selective temporal lobe amobarbital tests: angiographical, clinical, electroencephalographical PET and SPECT findings, and memory performance. *Brain and Cognition*, 1997; 33:71-97

	Details to Education and Professional History
1969	Promotion to Dr.med.univ. on May 23, 1969, at University Vienna
1969-1970	Assistant at Institute for Medical Psychology & Psychotherapy at the Neurology Clinic, University Graz (Prof. DrDr. E.Pakesch)
1970-1971	Assistant at Department II. of the Neurological Clinic of Vienna "Rosenhügel" (Prim. Doz. Dr. P.Dal Bianco)
1971-1972	Assistant at the Cantonal Psychiatric Hospital Beverin, Graubünden, Switzerland (Dr. E. Weber)
1972-1973	Assistant at the Neurology Clinic (Prof. Dr. G.Baumgartner), Neurosurgery Clinic (Prof.Dr. H.Krayenbühl) University Hospital Zurich and the Institute for Electroencephalography (Prof. Dr. R.Hess) University Hospital Zurich, Switzerland
1973-1974	Assistant at the Neurosurgery (Prof.DrDr.Ch.Probst), & Internal Medicine (Prof. Dr. Marti) & Neurology (Prof.Dr.E.Esslen) Clinics of the Cantonal Hospital Aarau, Switzerland
1975	Oberarzt Neurology Clinic (Prof.Dr.E.Esslen) of the Cantonal Hospital Aarau, Switzerland
1976-1995	Assistant, Senior assistant, Senior physician at the Institute for Electroencephalography (Prof. Dr. R.Hess) University Hospital Zurich, Switzerland
1976 & several short visits thereafter	Research Fellow at the Hopital St.Anne, INSERM U97, Paris (Prof. Dr. J Talairach und Dr.J Bancaud)
1995	Chief physician of the Neurology Clinic (Prof.Dr.V.Henn, Prof.Dr.K.Hess) University Hospital Zurich, Switzerland
1995-2008	Head of the Department Epileptology & Electroencephalography of the Neurology Clinic University Hospital Zurich, Switzerland Director of the <i>Epilepsy Surgery Programme University Hospital Zürich</i>
Since 2008	Prof. emeritus at the Medical Faculty, University Zurich

Publications HG Wieser 2012-2008

- Kaplan PW, Rossetti AO, Kaplan EH, **Wieser HG**. Proposition: limbic encephalitis may represent limbic status epilepticus. A review of clinical and EEG characteristics. *Epilepsy Behav.* 2012;24(1):1-6.
- Lachos J, Zattoni M, **Wieser HG**, Fritschy JM, Langmann T, Schmitz G, Errede M, Virgintino D, Yonekawa Y, Frei K. Characterization of the gene expression profile of human hippocampus in mesial temporal lobe epilepsy with hippocampal sclerosis. *Epilepsy Res Treat.* 2011;2011:Article ID 758407 (11 pages). doi:10.1155/2011/758407
- Al-Hail HJ, **Wieser HG**, Mesraoua B. Ictal wiping or rubbing movements of the nose and lower eye lid by hand ipsilateral to the hemispheric lesion: Symptoms of the "insular ocular movements area"? *Epileptologia*, 2011; 19: 51–57
- Kasperaviciūte D, Catarino CB, Heinzen EL, Depondt C, Cavalleri GL, Caboclo LO, Tate SK, Jamnadas-Khoda J, Chinthapalli K, Clayton LM, Shianna KV, Radtke RA, Mikati MA, Gallentine WB, Husain AM, Alhusaini S, Leppert D, Middleton LT, Gibson RA, Johnson MR, Matthews PM, Hosford D, Heuser K, Amos L, Ortega M, Zumsteg D, **Wieser HG**, Steinhoff BJ, Krämer G, Hansen J, Dorn T, Kantanen AM, Gjerstad L, Peuralinna T, Hernandez DG, Eriksson KJ, Kälviäinen RK, Doherty CP, Wood NW, Pandolfo M, Duncan JS, Sander JW, Delanty N, Goldstein DB, Sisodiya SM. Common genetic variation and susceptibility to partial epilepsies: a genome-wide association study. *Brain.* 2010;133(Pt 7):2136-47.
- Heinzen EL, Radtke RA, Urban TJ, Cavalleri GL, Depondt C, Need AC, Walley NM, Nicoletti P, Ge D, Catarino CB, Duncan JS, Kasperaviciūte D, Tate SK, Caboclo LO, Sander JW, Clayton L, Linney KN, Shianna KV, Gumbs CE, Smith J, Cronin KD, Maia JM, Doherty CP, Pandolfo M, Leppert D, Middleton LT, Gibson RA, Johnson MR, Matthews PM, Hosford D, Kälviäinen R, Eriksson K, Kantanen AM, Dorn T, Hansen J, Krämer G, Steinhoff BJ, **Wieser HG**, Zumsteg D, Ortega M, Wood NW, Huxley-Jones J, Mikati M, Gallentine WB, Husain AM, Buckley PG, Stallings RL, Podgoreanu MV, Delanty N, Sisodiya SM, Goldstein DB. Rare deletions at 16p13.11 predispose to a diverse spectrum of sporadic epilepsy syndromes. *Am J Hum Genet.* 2010; 86(5):707-18.
- Mesraoua B, **Wieser HG**. Non-convulsive seizures and non-convulsive status epilepticus monitoring in the intensive care unit. A real need for the Gulf Cooperation Council countries. *Neurosciences (Riyadh)*. 2009;14(4):323-37.
- Loup F, Picard F, Yonekawa Y, **Wieser HG**, Fritschy JM. Selective changes in GABAA receptor subtypes in white matter neurons of patients with focal epilepsy. *Brain.* 2009 Sep;132(Pt 9):2449-63.
- Valko PO, Siccoli MM, Schiller A, **Wieser HG**, Jung HH. Non-convulsive status epilepticus causing focal neurological deficits in CADASIL. *BMJ Case Rep.* 2009;2009. doi:pil: bcr08.2008.0713. 10.1136/bcr.08.2008.0713. Epub 2009 Feb 2.
- Eschle D, **Wieser HG**. Could transient global amnesia be an epileptic phenomenon? *Schweiz. Arch f. Neurologie und Psychiatrie* 2009, 160: 73-76
- Haag A, Knake S, Hamer HM, Boesebeck F, Freitag H, Schulz R, Baum P, Helmstaedter C, Wellmer J, Urbach H, Hopp P, Mayer T, Hufnagel A, Jokeit H, Lerche H, Uttner I, Meencke HJ, Meierkord H, Pauli E, Runge U, Saar J, Trinka E, Benke T, Vulliemoz S, Wiegand G, Stephani U, **Wieser HG**, Rating D, Werhahn K, Noachtar S, Schulze-Bonhage A, Wagner K, Alpherts WC, Boas Wv, Rosenow F; Arbeitsgemeinschaft für Prächirurgische Epilepsiediagnostik und Operative Epilepsitherapie e.V. The Wada test in Austrian, Dutch, German, and Swiss epilepsy centers from 2000 to 2005: a review of 1421 procedures. *Epilepsy Behav.* 2008;13(1):83-9.
- Wieser HG**. Psychopathologie in der Epileptologie. *Schweiz Arch Neurol & Psychiat.* 2008; 159:317-330
- Wieser HG** . Epilepsie. Geschichte, Fortschritte und Meilensteine. *Schweizer Zeitschr. F. Psychiatrie und Neurologie. Sonderheft 100 Jahre SNG* 2008. pp.41-49.
- Wieser HG**, Zumsteg D. Deep Brain Stimulation: New treatment options in drug-resistant epilepsies ? *Epileptologia* 2008;16:27-40
- Kurthen M (federführend), Janzen RWC, Lerche H, Schmidt D, Schneider D, Stefan H, Steinhoff B, Trinka E, **Wieser HG**. Status epilepticus im Erwachsenenalter Leitlinien für Diagnostik und Therapie in der Neurologie published by Dtsch.Gesellschaft für

Neurologie, Leitlinien 2008,

HG Wieser. The state of the art of epilepsy surgery. Asahikawa Epilepsy Surgery Research 2008, 4:7-26

Wieser HG. Entwicklung und aktueller Stand der Epilepsiechirurgie. Das Neurophysiologie – Labor 2008; 30(3):111-139

Book:

Wieser HG, Zumsteg D. Subthalamic and Thalamic Stereotactic Recordings and Stimulations in Patients with Intractable Epilepsy. John Libbey Eurotext: Paris 2008: 1-191.

Book-Chapters:

Mesraoua B, Deleu D, **Wieser HG.** Long-term monitoring: An overview. pp 145-172.

In: Epilepsy-Histological, Electroencephalographic and Psychological Aspects, ISBN 978-953-51-0082-9, edited by Dejan Stevanovic, Febr 2012 (online) <http://www.intechweb.org/>

Mesraoua B, Deleu D, **Wieser HG.** Long-Term Monitoring: An Overview. In: Epilepsy – Histological, Electroencephalographic and Psychological Aspects, edited by Dejan Stevanovic; Febr 2012 (online). pp. 145-172 <http://www.intechopen.com/articles/show/title/long-term-monitoring-an-overview>

Wieser HG, Zumsteg D. Indications for Surgical Management of Epilepsy. In: Andres M. Lozano, Philip L. Gildenberg, Ronald R. Tasker (Eds.) Textbook of Stereotactic and Functional Neurosurgery, 2nd Edition, Volume 2. Springer, Berlin-Heidelberg. 2009: 2543-2559

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