

CURRICULUM VITAE

Christoph Martin MICHEL

Personal Data

Born : 27 August 1959 in Reitnau (AG), Switzerland, Swiss Citizen
Adresse: Functional Brain Mapping Laboratory
Department Fundamental Neuroscience
University Geneva, Campus Biotech
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Current Positions

2012 - Full Professor for Neuroscience, Medical Faculty, University Geneva
2005 - Director of the EEG core of the Lemanic Biomedical Imaging Center of the Universities and Hospitals of Geneva and Lausanne and the Swiss Federal Institute of Technology Lausanne (CIBM) <http://www.cibm.ch/>.
1994 - Head of the Functional Brain Mapping Laboratory, Department of Clinical Neurosciences, Medical Faculty, University Geneva.

Diploma

1998 Habilitation: Acceptance of the Venia legendi (Privat-docent) by the Faculty of Medicine of the University Geneva, Switzerland.
1988 Ph.D., Doctor of Natural Sciences of the Swiss Federal Institute of Technology (ETH), Zürich, Switzerland (Silver Medal).
1984 M.Sc. (diploma) in Natural Sciences from the Swiss Federal Institute of Technology (ETH), Zürich, Switzerland.
1980 B.Sc. (matura type C), Gymnasium Reussbühl, Switzerland.

Professional Activities

2003 - Principal Investigator and laboratory director, Department of Clinical and Fundamental Neurosciences, University Geneva
1994 - 2003 Research Group Leader, Neurology Clinic, University Hospital Geneva.
1992 - 1994 Research Assistant at the Brain Mapping Laboratory of the Department of Neurology of the University Hospital Zürich, Switzerland.
1991 - 1992 Visiting postdoctoral fellow at the Neuromagnetism Laboratory of the Department of Physics and Psychology, New York University, USA.
1988 - 1991 Postdoc at the Brain Mapping Lab of the Department of Neurology of the University Hospital Zürich, Switzerland.
1984 - 1988 Ph. D. student and research assistant at the Laboratory for Behavioral at the Swiss Federal Institute of Technology (ETH), Zürich, Switzerland.

Distinctions

2000 Receiver of the "Robert Bing Award 2000" from the Swiss Academy of Medical Sciences (Fr. 50'000.-).
1992 Young Researcher Award of the International Society for Brain Electromagnetic Topography (ISBET).

Academic Functions

2013-2015 President of the Swiss Society for Neuroscience
2011-2013 President of the International Society for Brain Electromagnetism
2006-2013 Council Member and Secretary of the Swiss Society for Neuroscience
2009-2015 Member of the Board of the Swiss League Against Epilepsy

Scientific Functions

2011-	Member of the Ambizione Evaluation Board of the Swiss National Science Foundation
2007-	Editor-in-Chief of "Brain Topography"
2015-	Associate Editor of "European Journal of Neuroscience"
2013-	Associate Editor of "Frontiers in Behavioral Neuroscience"
2007-	Editorial Board Member of "The Open Neuroimaging Journal".
2009-	Editorial Board Member of "Frontiers in Integrative Neuroscience".
2009-	Member of the Faculty 1000, Section Neurological Disorders.
2009-	Chairman of the Evaluation Board for Brain and Mind Research of the Central European Institute of Technology, Brno, Cz
2000-2007	Editorial Board Member of "Brain Topography"
2004-2011	Editorial Board Member of "Clinical Neurophysiology"
2001-2011	Editorial Board Member of "International Journal of Psychophysiology"

Functions in Scientific Communications

2016	Chair of the Local Organizing Committee of the Annual Meeting of the Organization for Human Brain Mapping (OHBM), Geneva (approx. 3000 attendees).
2013	Organizer of the 1 st International meeting for Basic and Clinical Multimodal Imaging (BaCI), Geneva, September 2013 (360 attendees)
2008	Member of the LOC and the task force committee of the 6 th FENS Forum of European Neuroscience in Geneva (4500 attendees)
2006 -	Co-organizer of the Annual Alpine Brain Imaging meeting, Champéry, January (180 attendees).
2007	Organizer of the Lemanic Neuroscience Meeting, Les Diablerets, September.
2005	Co-organizer of the 17 th World Congress of the International Society for Brain Electromagnetic Topography (ISBET) in Bern, October.
2004	Organizer of the Autumn meeting of the Swiss Neurology Society in Geneva, November.
2004	Member of the expert group of the 93 rd Dahlem workshop, Berlin, April.
2002	Chair of the 3 rd Annual Meeting of the International Multisensory Research Forum in Geneva, Mai.

Grants

- Principal Investigator of Research projects supported by the Swiss National Science Foundation since 1993 for a total amount of CHF 3.7 Mio
- Member of the research consortium of the National Center of Competence in research (NCCR) Synapsy of the Swiss National Science Foundation with a direct support of CHF 1.2 Mio from 2010-2018.
- Principal Investigator of a Research grant from the Biomedical Research Community EPFL, UNIGE, UNIL 1999-2002 of CHF 1.4 Mio.
- Co-investigator of research grants from the SFN in collaboration with the Faculties of Psychology, Science and Medicine of the University of Geneva (22 projects), the Faculty of Medicine of the University of Lausanne, EPFL (6 projects), the University and ETH Zurich (2 projects), the Faculty of Medicine of the University of Berne, and the Faculty of Medicine of the University of Basel (1 project), with various direct and indirect financial support for the laboratory.

Total Number of Publications: ISI: 242 Google Scholar: 388
 Sum of Times Cited: ISI: 9342 Google Scholar: 14837
 No. of citations of highest cited paper: ISI: 1396 Google Scholar: 2135

H-Index: ISI: 49 Google Scholar: 59

Peer reviewed Research Articles

- 2016** IF:
- Karunakaran S, Chowdhury A, Donato F, Quairiaux C, **Michel CM**, Caroni P. PV plasticity sustained through D1/5 dopamine signaling required for long-term memory consolidation. *Nature Neuroscience* 2016;19:454-464. 16.1
- Iannotti GR, Grouiller F, Centeno M, Carmichael D, Abela E, Wiest R, Korff C, Seeck M, **Michel CM**, Pittau F, Vulliemoz S. Sustained connectivity of epileptic networks independently of interictal epileptic discharges. *Epilepsia*, 2016, in press. 4.6
- Grouiller F, Jorge J, Pittau F, van der Zwaag W, Iannotti GR, **Michel CM**, Vulliemoz S, Vargas MI, Lazeyras F. Presurgical brain mapping in epilepsy using simultaneous EEG and functional MRI at ultra-high field: feasibility and first results. *MRMP*, 2016, in press. 2.9
- Coito A, Genetti M, Pittau F, Iannotti GR, Thomschewski A, Höller Y, Trinkka E, Wiest R, Seeck M, **Michel CM**, Plomp G, Vulliemoz S. Altered directed functional connectivity in temporal lobe epilepsy in the absence of interictal spikes: A high density EEG study. *Epilepsia*; 2016 Feb 18 4.6
- Lascano AM, Perneger T, Vulliemoz S, Spinelli L, Garibotto V, Korff CM, Vargas MI, **Michel CM**, Seeck M. Yield of MRI, high-density electric source imaging (HD-ESI), SPECT and PET in epilepsy surgery candidates. *Clin Neurophysiol.* 2016; 127(1):150-155. 2.9
- 2015**
- Plomp G, Astolfi L, Coito A, **Michel CM**. Spectrally weighted Granger-causal modeling: Motivation and applications to data from animal models and epileptic patients. *Conf Proc IEEE Eng Med Biol Soc.* 2015: 5392-5395. 2.3
- Plomp G, Hervais-Adelman A, Astolfi L, **Michel CM**. Early recurrence and ongoing parietal driving during elementary visual processing. *Sci Rep.* 2015; 22: 18733. 5.5
- Gschwind M, **Michel CM**, Van De Ville D. Long-range dependencies make the difference- Comment on "A stochastic model for EEG microstate sequence analysis". *Neuroimage.* 2015 Aug 15;117:449-55. 6.1
- Khateb, A, Pegna AJ, **Michel CM**, Mouthon M, Annoni JM. Semantic relatedness and first-second language effects in the bilingual brain: a brain mapping study. *Bilingualism: Language and Cognition*, 2015, March. 1.9
- Sperdin HF, Spierer L, Becker, R, **Michel CM**, Landis T. Submillisecond Unmasked Subliminal Visual Stimuli Evoked Electrical Brain Responses. *Human Brain Mapping*, 2015 ;36(4):1470-83. 6.9
- Coito A, Plomp G, Genetti M, Abela E, Wiest R, Seeck M, **Michel CM**, Vulliemoz S. Dynamic interictal effective connectivity in left and right temporal lobe epilepsy using high density source imaging. *Epilepsia*, 2015;56(2):207-17. 4.6
- Jorge J, Grouiller F, Ipek O, Stoermer R, **Michel CM**, Figueiredo P, Van der Zwaag, W, Gruetter R. Simultaneous EEG-fMRI at ultra-high field: Artifact Prevention and safety assessment. *Neuroimage* 2015;105:132-44. 6.1
- Iannotti GR, Pittau F, **Michel CM**, Vulliemoz S, Grouiller F. Pulse Artifact detection in simultaneous EEG-fMRI recording based on EEG map topography. *Brain Topography*, 2015;28(1):21-32. 2.5
- Genetti M, Tyrand R, Grouiller F, Lascano AM, Vulliemoz S, Spinelli L, Seeck M, Schaller K, **Michel CM**. Comparison of high gamma electrocorticography and fMRI with electrocortical stimulation for localization of somatosensory and language cortex. *Clinical Neurophysiology*, 2015;126(1):121-30. 2.9
- Gindrat A-D, Quairiaux C, Britz J, Brunet D, Lanz F, **Michel CM**, Rouiller EM. Whole-scalp EEG mapping of somatosensory evoked potentials in macaque monkeys: a model for lesion-dependent plasticity. *Brain Structure and Function*, 2015; 220: 2121-2142 4.6

- Hervais-Adelman A, Moser-Mercer B, **Michel CM**, Golestani N. fMRI of simultaneous interpretation reveals the neural basis of extreme language control. *Cerebral Cortex*, 2015; 25: 4727-4739 8.3
- 2014**
- Plomp G, Quairiaux C, Kiss JZ, Astolfi L, **Michel CM**. Dynamic connectivity among cortical layers in local and large-scale sensory processing. *Eur J Neurosci*. 2014;40(8):3215-23. 3.7
- Birot G, Spinelli L, Vulliemoz S, Mégevand P, Brunet D, Seeck M, **Michel CM**. Head model and electrical source imaging: a study of 38 epileptic patients. *Neuroimage: Clinical*, 2014 Jun 16;5:77-83. -
- Tomescu MI, Rihs TA, Becker R, Britz J, Custo A, Grouiller F, Schneider M, Debbané M, Eliez S, **Michel CM**. Deviant dynamics of EEG resting state pattern in 22q11.2 deletion syndrome adolescents: a vulnerability marker of schizophrenia? *Schizophrenia Research*, 2014;157(1-3):175-81 4.4
- Britz J, Diaz Hernandez L, Ro T, **Michel CM**. EEG-microstate dependent emergence of perceptual awareness. *Frontiers in Behavioral Neuroscience*, 2014 May 14;8:163. 4.1
- Plomp G, Quairiaux C, **Michel CM**, Astolfi L. The physiological plausibility of time-varying Granger-causal modeling: normalization and weighting by spectral power. *Neuroimage*, 2014;97:206-16. 6.1
- Custo A, Vulliemoz S, Grouiller F, Van De Ville D, **Michel C**. EEG source imaging of brain states using spatiotemporal regression. *Neuroimage*, 2014;96:106-16. 6.1
- Rochas V, Rihs TA, Rosenberg N, Landis T, **Michel CM**. Very early processing of emotional words revealed in temporoparietal junctions of both hemispheres by EEG and TMS. *Exp Brain Res*. 2014;232(4):1267-81. 2.2
- Lascano AM, Grouiller F, Genetti M, Spinelli L, Seeck M, Schaller K, **Michel CM**. Surgically Relevant Localization of the Central Sulcus With High-density SEP Compared to fMRI. *Neurosurgery*. 2014;74(5):517-26. 3.0
- Hardmeier M, Hatz F, Naegelin Y, Hight D, Schindler C, Kappos L, Seeck M, **Michel CM**, Fuhr P. Improved Characterization of Visual Evoked Potentials in Multiple Sclerosis by Topographic Analysis. *Brain Topography*, 2014;27(2):318-27 2.5
- Berchio C, Rihs TA, **Michel CM**, Brunet D, Apicella F, Muratori F, Gallese V, Umiltà MA Parieto-Frontal Circuits During Observation of Hidden and Visible Motor Acts in Children. A High-density EEG Source Imaging Study. *Brain Topography*, 2014;27:258-70. 2.5
- Mégevand P, Spinelli L, Genetti M, Brodbeck V, Momjian S, Schaller K, **Michel CM**, Vulliemoz S, Seeck M. Electric source imaging of interictal activity accurately localises the seizure onset zone. *J Neurol Neurosurg Psychiatry*, 2014;85(1):38-43 4.9
- 2013**
- Pignat JM, Koval O, Van De Ville D, Voloshynovskiy S, **Michel C**, Pun T. The impact of denoising on independent component analysis of functional magnetic resonance imaging data. *J Neurosci Methods* 2013; 213: 105-122. 2.1
- Becker R, Pefkou M, **Michel CM**, Hervais-Adelman AG. Left temporal alpha-band activity reflects single word intelligibility. *Front Syst Neurosci*. 2013 Dec 27;7:121
- Kargiotis O, Lascano A, Garibotto V, Spinelli L, Genetti M, Wissmeyer M, Korff CM, Momjian S, **Michel CM**, Seeck M, Vulliemoz S. Localization of the epileptogenic tuber with electric source imaging in patients with tuberous sclerosis. *Epilepsy Research*, 2013, 108(2):267-279. 2.1
- Cacioppo S, Bianchi-Demicheli F, Bischof P, Deziegler D, **Michel CM**, Landis T. Hemispheric specialization varies with EEG brain resting States and phase of menstrual cycle. *PLoS One*. 2013 Apr 30;8(4):e63196 4.1
- Genetti M, Grouiller F, Vulliemoz S, Spinelli L, Seeck M, **Michel CM**, Schaller K. Noninvasive language mapping in patients with epilepsy or brain tumors. *Neurosurgery*. 2013;72:555-565. 4.1
- Rihs TA, Tomescu MI, Britz J, Rochas V, Custo A, Schneider M, Debbané M, Eliez S, **Michel CM**. Altered auditory processing in frontal and left temporal cortex in 22q11 deletion syndrome: a group at high genetic risk for schizophrenia. *Psychiatry Research: Neuroimaging*, 2013; 212: 141-149. 2.8
- 2012**
- Elshoff L, Groening K, Grouiller F, Wiegand G, Wolff S, **Michel C**, Stephani U, Siniatchkin M. The value of EEG-fMRI and EEG source analysis in the presurgical setup of children with refractory focal epilepsy. *Epilepsia*. 2012;53(9):1597-1606. 3.9

- Brodbeck V, Kuhn A, von Wegner F, Morzelewski A, Tagliazucchi E, Borisov E, **Michel CM**, Laufs, H, EEG Microstates of wakefulness and NREM sleep. *Neuroimage*, 2012;62:2129-2139. 6.3
- Storti SF, Formaggio E, Franchini E, Bongiovanni LG, Cerini R, Fiaschi A, **Michel CM**, Manganotti P. A multimodal approach to the evaluation of post-traumatic epilepsy. *Magn Reson Mater Phy. (MAGMA)*, 2012: 25(5):345-60.. 2.4
- Dubovik S, Pignat J-M, Ptak R, Aboulafia T, Allet L, Gillibert N, Magnin C, Albert F, Momjian-Mayor I, Nahum L, Lascano A, **Michel CM**, Schnider A, Guggisberg AG. The behavioral significance of coherent resting-state oscillations after stroke. *Neuroimage*, 2012;61:249-257. 5.7
- Tzovara A., Murray M.M., Plomp G., Herzog M.H., **Michel C.M.**, De Lucia M. Decoding stimulus-related information from single-trial EEG responses based on voltage topographies. *Pattern Recognition*, 2012 : 45(6): 2109–2122 2.6
- Tzovara, A., Murray, M.M., **Michel, C.M.**, De Lucia, M. A tutorial review of electrical neuroimaging from group-average to single-trial event-related potentials. *Developmental Neuropsychology*, 2012;37:518-544. 2.4
- James CE, **Michel CM**, Britz J, Vuilleumier P, Hauert CA. Rhythm evokes action: Early processing of metric deviances in expressive music by experts and laymen revealed by ERP source imaging. *Human Brain Mapping*, 2012: 33(12):2751-67. 6.3
- 2011**
- Brodbeck V, Spinelli L, Lascano AM, Wissmeier M, Vargas MI, Vulliemoz S, Pollo C, Schaller K, **Michel CM**, Seeck M. Electroencephalographic source imaging: a prospective study of 152 operated epileptic patients. *Brain*, 2011;134: 2887-2897. 9.5
- Quairiaux C, Mégevand P, Kiss JZ, **Michel, CM**. Functional development of large-scale sensorimotor cortical networks in the brain. *Journal of Neuroscience*, 2011; 31: 9574-9584 7.2
- Guggisberg AG, Dalal SS, Zumer JM, Wong DD, Dubovik S, **Michel CM**, Schnider A. Localization of cortico-peripheral coherence with electroencephalography. *Neuroimage*, 2011;57: 1348-1357. 5.7
- Grouiller F, Thornton R, Groening K, Spinelli L, Duncan JS, Schaller K, Siniatchkin M, Lemieux L, Seeck M, **Michel CM**, Vulliemoz S. With or without spikes: EEG-fMRI localisation of focal epileptic activity. *Brain*, 2011; 134: 2867-2886. 9.5
- Brunet, D. Murray MM, **Michel CM**. Spatio-temporal analysis of multichannel EEG: CARTOOL. *Computational Intelligence & Neuroscience*, 2011;2011:813870
- Britz J., Pitts MA, **Michel CM**. Right Parietal Brain Activity Precedes Perceptual Alternation During Binocular Rivalry. *Human Brain Mapping*, 2011, 32: 1432–1442. 6.3
- Nahum L, Gabriel D, Spinelli L, Momjian S, Seeck M, **Michel CM**, Schnider A. Rapid consolidation and the human hippocampus: Intracranial recordings confirm surface EEG. *Hippocampus*, 2011; 21:689-93 3.9
- 2010**
- Genetti, M., Britz, J., **Michel, CM.**, Pegna, AJ. An electrophysiological study of conscious visual perception using progressively degraded stimuli. *Journal of Vision*, 2010;10: 1-14 3.0
- Siniatchkin, M., Groening, K., Moehring, J., Moeller, F., Boor, R., Brodbeck, V., **Michel, CM.**, Rodionov, R., Lemieux, L., Stephani, U. Neuronal networks in children with continuous spikes and waves during slow sleep. *Brain*, 133: 2798-2813 9.5
- Van de Ville D., Britz J, **Michel CM**. EEG microstate sequences in healthy humans at rest reveal scale-free dynamics. *Proc Natl Acad Sci U S A*, 2010; 107: 18179-18184. 9.4
- Plomp G., **Michel, CM**, Herzog MH. Electrical source dynamics in three functional localizer paradigms. *Neuroimage*, 53:257-267 5.7
- Larsson PG, Eeg-Olofsson O, **Michel CM**, Seeck M, Lantz G. Decrease in propagation of interictal epileptiform activity after introduction of levetiracetam visualized with electric source imaging. *Brain Topography*, 2010;23: 269-78. 2.1
- De Lucia, M., **Michel, C.M.**, Murray, M.M. Comparing ICA-based and single-trial topographic ERP analyses. *Brain Topography*, 2010; 23: 119-127. 2.1
- Britz J, Van De Ville, D, **Michel CM**. BOLD correlates of EEG topography reveal rapid resting-state network dynamics. *Neuroimage*, 2010, 52:1162-70 5.7
- Lascano AM, Hummel T, Lacroix JS, Landis BN, **Michel CM**. Spatio-temporal dynamics of olfactory processing in the human brain: an event-related source imaging study. *Neuroscience*, 2010; 167: 700-708. 3.3
- Rodionov R, Siniatchkin M, **Michel CM**, Liston, AD, Thornton R, Guye M, Carmichael DW, Lemieux L. Looking for neuronal currents using MRI: an EEG-fMRI investigation of fast MR 5.7

- signal changes time-locked to frequent focal epileptic discharges. *Neuroimage*, 2010; 50:1109-1117.
- Arzy, S, Allali, G, Brunet, D, **Michel, CM**, Kaplan, PW, Seeck, M. Anti-epileptic drugs modify power of high EEG frequencies and its neural generators. *Eur. J. Neurology*, 2010, 17: 1308-1312. 2.5
- Laganaro M, Morand S, **Michel CM**, Spinelli L, Schnider A. ERP correlates of word production before and after stroke in an aphasic patient. *J. Cognitive Neuroscience*, 2010, 23:374-81. 5.4
- Vulliemoz S, Rodionov R, Carmichael DW, Thornton R, Guye M, Lhatoo SD, **Michel CM**, Duncan JS, Lemieux L. Continuous EEG source imaging enhances analysis of EEG-fMRI in focal epilepsy. *Neuroimage*, 2010; 49: 3219-3229. 5.7
- Brodbeck V, Thut G, Spinelli L, Romei V, Tyrand R, **Michel CM**, Seeck M. Effects of repetitive Transcranial Magnetic Stimulation on spike pattern and topography in patients with focal epilepsy. *Brain Topography*, 2010; 22: 267-280. 2.1
- Peyrin C, **Michel CM**, Schwartz S, Thut G, Seghier M, Landis T, Marendaz C, Vuilleumier P. The neural substrates and timing of top-down processes during coarse-to-fine categorization of visual scenes: A combined fMRI and ERP study. *J. Cognitive Neuroscience*, 2010, 22: 2768-2780 5.4
- Quairiaux C., Sizonenko S.V., Mégevand P., **Michel C.M.**, Kiss J.Z. Functional deficit and recovery of developing sensorimotor networks following neonatal ischemic-hypoxic injury in the rat. *Cerebral Cortex*, 2010;20:2080-2091 6.9
- Britz J., **Michel CM**. Errors can be related to pre-stimulus differences in ERP topographies and their concomitant sources. *Neuroimage*, 2010; 49:2774-2782 5.7
- Brodbeck V, Spinelli L, Lascano AM, Pollo C, Schaller K, Vargas MI, Wissmeyer M, **Michel CM**, Seeck M. Electrical source imaging for presurgical focus localization in epilepsy patients with normal MRI. *Epilepsia*, 2010; 51: 583 – 591. 4.1

b) Peer reviewed review articles

- Khanna A, Pascual-Leone A, Michel CM, Farzan F: Microstates in Resting-State EEG: Current Status and Future Directions. *Neuroscience and Biobehavioral Reviews*, 2015; 49:105-13. 10.3
- Pittau F, Megevand P, Sheybani L, Abela E, Grouiller F, Spinelli L, **Michel CM**, Seeck M, - Vulliemoz S. Mapping epileptic activity: sources or networks for the clinicians? *Frontiers in Neurology*. Nov, 2014.
- Pittau F, Grouiller F, Spinelli L, Seeck M, **Michel CM**, Vulliemoz S. The role of functional - neuroimaging in pre-surgical epilepsy evaluation. *Front Neurol*. 2014 Mar 24;5:31.
- Michel, CM**, Murray, M.M. Towards the utilization of EEG as a brain imaging tool. *Neuroimage*, 2011;61:371-385 (Anniversary Issue: 20 years of Brain Mapping). 5.7
- Vulliemoz S, Lemieux L, Daunizeau J, **Michel CM**, Duncan JS. The combination of EEG Source Imaging and EEG-correlated functional MRI to map epileptic networks. *Epilepsia*, 2010; 51:491-505. 4.1

c) Books

- Michel, C.M.**, Koenig, T., Brandeis, D., Gianotti, L.R.R., Wackermann, J. (Eds.) *Electrical Neuroimaging*. Cambridge University Press, 2009.

d) Book chapters

- Michel CM**, Seeck M. Electric source imaging in MRI-negative refractory focal epilepsy. In So, E & Ryvlin P.: *MRI-Negative Epilepsy: Evaluation & Surgical Management*. Cambridge University Press, 2015.
- Michel CM**, He B. EEG Mapping and source imaging. In: D. Schomer, F. Lopes da Silva: *Niedermeyer's Electroencephalography*, 6th edition. Lippincott Williams & Wilkins, Chapter 55, 2011, pp. 1179-1202.
- Michel CM**, Brandeis D. The sources and temporal dynamics of scalp electric fields. In: Ullsperger, S. Debener (Eds.) *Simultaneous EEG and fMRI: Recording, Analysis, and Application*, Oxford University Press, 2010, pp. 3-20.
- Michel CM**, Seeck M. New imaging techniques in pediatric epilepsy surgery. In: O. Cataltepe and G. Jallo (Eds.). *Pediatric Epilepsy Surgery: Preoperative Assessment and Surgical Treatment*. Thieme Medical Publishers, 2010, pp. 348-356.