

# **CURRICULUM VITAE**

August 23, 2019

**NAME:** Kazutaka Jin

**PLACE OF BIRTH:**

Setagaya-ku, Tokyo, Japan

**CURRENT POSITION:**

Associate Professor, Department of Epileptology, Tohoku University Graduate School of Medicine  
Full-time Staff, Tohoku University Hospital

**OFFICE ADDRESS:**

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**CITIZENSHIP:**

Japan

**EDUCATION AND TRAINING:**

1996: M.D., Tohoku University School of Medicine, Sendai, Japan

1996-1998: Resident (Neurology), Tohoku University Hospital and affiliated hospitals, Sendai, Japan

1998-1999: Resident (Medicine), Iwaki Kyoritsu Hospital, Iwaki, Japan

2007: Ph.D., Tohoku University Graduate School of Medicine, Sendai, Japan

**CLINICAL EXPERIENCE:**

1999-2001: Physician, Department of Neurology, Miyagi National Hospital, Miyagi, Japan

2001-2002: Physician, Department of Neurology, Tohoku University Hospital, Sendai, Japan

2002-2003: Physician, Department of Neurology, Kohnan Hospital, Sendai, Japan

2003-2006: Physician, Department of Neurology, Iwate National Hospital, Ichinoseki, Japan

2006-2007: Physician, Department of Neurology, Tohoku University Hospital, Sendai, Japan

2010-present: Physician, Department of Epileptology, Tohoku University Hospital, Sendai, Japan

**RESEARCH AND PROFESSIONAL EXPERIENCE:**

2003-2007: Visiting Researcher, MEG Laboratory, Kohnan Hospital, Sendai, Japan

2006-2007: Assistant Professor, Department of Neurology, Tohoku University Graduate School of Medicine, Sendai, Japan

2007-2010: Research fellow, Epilepsy center, Cleveland Clinic, Ohio, USA

2010-present: Department Chief, Department of Epileptology, Tohoku University Graduate School of Medicine

2010-2011: Assistant Professor, Department of Epileptology, Tohoku University Graduate School of Medicine, Sendai, Japan

2011-present: Associate Professor, Department of Epileptology, Tohoku University Graduate School of Medicine, Sendai, Japan

**LICENSE AND BOARD CERTIFICATIONS:**

Medical Doctor License, Japan, 1996  
Board Certification, Japanese Society of Neurology, 2000  
Board Certification, Japanese Society of Internal Medicine, 2005  
Board Certification, Japan Epilepsy Society, 2011  
Board Certification, Japanese Society of Clinical Neurophysiology, 2012

**MEMBERSHIP OF SCIENTIFIC SOCIETIES:**

Japanese Society of Neurology:  
Member (1996-present)  
Member of Epilepsy Clinical Practice Guideline Development Committee (2014-present)

Japanese Society of Internal Medicine:  
Member (1996-present)

Japanese Society of Clinical Neurophysiology:  
Member (2000-present)  
Delegate (2017-present)

Japan Epilepsy Society:  
Member (2005-present)  
Councilor (2013-present)

Japan Biomagnetism and Biomagnetics Society:  
Member (2006-present)

American Epilepsy Society:  
Member (2010-present)

Member of the workgroup to develop a guideline on “Minimum standards for long-term video-EEG monitoring” to be developed for the International Federation of Clinical Neurophysiology (IFCN) and the International League Against Epilepsy (ILAE) (2018-present)

**ORGANIZATION OF SCIENTIFIC CONFERENCES:**

Secretary General: 27th Annual Meeting of the Japanese Society for Brain Electromagnetic Topography (JSBET), November 18-19, 2010, Matsushima, Japan

Secretary General: Annual Meeting of the Japan Epilepsy Center Association (JEPICA2016), January 9-10, 2016, Sendai, Japan

Secretary General: 6th Biennial Meeting of the International Society for the Advancement of Clinical MEG (ISACM2017), May 22-24, 2017, Sendai, Japan

Secretary General: 32nd Annual Meeting of the Japan Biomagnetism and Bioelectromagnetics Society (JBBS), May 22-24, 2017, Sendai, Japan

Secretary General: 34th Annual Meeting of the Japanese Society for Brain Electromagnetic Topography (JSBET), May 22-24, 2017, Sendai, Japan

## RESEARCH ACTIVITIES:

### Publications:

#### *Peer-Reviewed Scientific Articles*

1. Hayashi K, Jin K, Nagamori C, Okanari K, Okanishi T, Homma Y, Iimura Y, Uda T, Takada L, Otsubo H. Sudden unexpected death in epilepsy in the bathtub. *Epilepsy Behav* 96:33-40, 2019 (PMID: 31077940)
2. Ishikawa T, Obara T, Jin K, Nishigori H, Miyakoda K, Suzuka M, Ikeda-Sakai Y, Akazawa M, Nakasato N, Yaegashi N, Kuriyama S, Mano N. Examination of the prescription of antiepileptic drugs to prenatal and postpartum women in Japan from a health administrative database. *Pharmacoepidemiol Drug Saf* 28:804-811, 2019 (PMID: 30854762)
3. Iwaki H, Jin K, Sugawara N, Nakasato N, Kaneko S. Perampanel-induced weight gain depends on level of intellectual disability and its serum concentration. *Epilepsy Res* 152:1-6, 2019 (PMID: 30852339)
4. Morishita Y, Mugikura S, Mori N, Tamura H, Sato S, Akashi T, Jin K, Nakasato N, Takase K. Atrophy of the ipsilateral mammillary body in unilateral hippocampal sclerosis shown by thin-slice-reconstructed volumetric analysis. *Neuroradiology* 61:515-523, 2019 (PMID: 30637459)
5. Ninomiya A, Iwasaki M, Kakisaka Y, Jin K, Nakasato N, Tominaga T. Apparently diffuse epileptic abnormalities caused by a small cavernous malformation: a surgical case report. *Epilepsy & Seizure* 10:107-113, 2018
6. Kakisaka Y, Jin K, Fujikawa M, Kitazawa Y, Nakasato N. Teleconference-based education of epileptic seizure semiology. *Epilepsy Res* 145:73-76, 2018 (PMID: 29913406)
7. Kitazawa Y, Jin K, Kakisaka Y, Fujikawa M, Tanaka F, Nakasato N. Predictive factors of higher drug load for seizure freedom in idiopathic generalized epilepsy: Comparison between juvenile myoclonic epilepsy and other types. *Epilepsy Res* 144:20-24, 2018 (PMID: 29729533)
8. Iwaki H, Jin K, Fujikawa M, Nakasato N, Kaneko S. Topiramate-induced weight loss depends on level of intellectual disability in patients with epilepsy. *Epilepsy Behav* 83:87-91, 2018 (PMID: 29665571)
9. Kato K, Kakisaka Y, Jin K, Fujikawa M, Nakamura M, Suzuki N, Kondo M, Fukuda K, Shimokawa H, Nakasato N. Stressful medical explanation may cause syncope in patients with emotion-triggered neurocardiogenic syncope. *Pacing Clin Electrophysiol* 41:96-98, 2018 (PMID: 28925543)
10. Kakisaka Y, Jin K, Fujikawa M, Kitazawa Y, Kato K, Nakasato N. Levetiracetam improves symptoms of multiple chemical sensitivity: Case report. *J Med Invest* 64: 296-298, 2017 (PMID: 28955000)
11. Shukla G, Jin K, Gupta A, Mosher J, Jones S, Alexopoulos A, Burgess RC. Magnetoencephalographic identification of epileptic focus in children with generalized electroencephalographic (EEG) features but focal imaging abnormalities. *J Child Neurol* 32:981-995, 2017 (PMID: 28828916)
12. Kanemoto K, LaFrance WC Jr, Duncan R, Gigineishvili D, Park S, Tadokoro Y, Ikeda H, Paul R, Zhou D, Taniguchi G, Kerr M, Oshima T, Jin K, Reuber M. PNES around the world: Where we are now and how we can close the diagnosis and treatment gaps—an ILAE PNES Task Force report. *Epilepsia Open* 2:307-316, 2017
13. Nakamura M, Jin K, Kato K, Itabashi H, Iwasaki M, Kakisaka Y, Nakasato N. Differences in sleep architecture between left and right temporal lobe epilepsy. *Neurol Sci* 38:189-192, 2017 (PMID: 27761840)
14. Iwasaki M, Jin K, Nakasato N, Tominaga T. Non-invasive Evaluation for Epilepsy Surgery. *Neurol Med Chir (Tokyo)* 56:632-640, 2016 (PMID: 27627857)
15. Sato S, Iwasaki M, Suzuki H, Mugikura S, Jin K, Tominaga T, Takase K, Takahashi S, Nakasato N. T2 relaxometry improves detection of non-sclerotic epileptogenic hippocampus.

- Epilepsy Res 126:1-9, 2016 (PMID: 27400070)
16. Khalil AF, Iwasaki M, Nishio Y, Jin K, Nakasato N, Tominaga T. Verbal dominant memory impairment and low risk for post-operative memory worsening in both left and right temporal lobe epilepsy associated with hippocampal sclerosis. *Neurol Med Chir (Tokyo)* 56:716-723, 2016 (PMID: 27250575)
  17. Jin K, Nakasato N. Rhythmic and periodic EEG patterns of 'ictal-interictal uncertainty': Red flag to switch from routine to continuous EEG monitoring. *Clin Neurophysiol* 127: 993, 2016 (PMID: 26652113)
  18. Jin K, Nakasato N. Ictal pattern on scalp EEG at onset of seizure in temporal lobe epilepsy: Old and new problems for epileptologists. *Clin Neurophysiol* 127: 987-988, 2016 (PMID: 26304794)
  19. Sakuraba R, Iwasaki M, Okumura E, Jin K, Kakisaka Y, Kato K, Tominaga T, Nakasato N. High frequency oscillations are less frequent but more specific to epileptogenicity during rapid eye movement sleep. *Clin Neurophysiol* 127: 179-186, 2016 (PMID: 26073183)
  20. Iwasaki M, Uematsu M, Hino-Fukuyo N, Osawa S, Shimoda Y, Jin K, Nakasato N, Tominaga T. Clinical profiles for seizure remission and developmental gains after total corpus callosotomy. *Brain Dev* 38: 47-53, 2016 (PMID: 25958823)
  21. Eldin SS, Iwasaki M, Nishio Y, Jin K, Nakasato N, Tominaga T. Resection of focal cortical dysplasia located in the upper pre-central gyrus. *Epileptic Disord* 17: 479-84, 2015 (PMID: 26575264)
  22. Iwasaki M, Uematsu M, Osawa S, Shimoda Y, Jin K, Nakasato N, Tominaga T. Interhemispheric vertical hemispherotomy: a single center experience. *Pediatr Neurosurg* 50: 295-300, 2015 (PMID: 26277842)
  23. Fujikawa M, Kishimoto Y, Kakisaka Y, Jin K, Kato K, Iwasaki M, Nakasato N. Obsessive-compulsive behavior induced by levetiracetam. *J Child Neurol* 30: 942-4, 2015 (PMID: 25008911)
  24. Kakisaka Y, Jin K, Kato K, Iwasaki M, Nakasato N. Seizure freedom after lamotrigine rash: a peculiar phenomenon in epilepsy. *Intern Med* 53: 2521-2522, 2014 (PMID: 25366014)
  25. Kato K, Jin K, Itabashi H, Iwasaki M, Kakisaka Y, Aoki M, Nakasato N. Earlier tachycardia onset in right than left mesial temporal lobe seizures. *Neurology* 83: 1232-1236, 2014 (PMID: 25194011)
  26. Itabashi H, Jin K, Iwasaki M, Okumura E, Kanno A, Kato K, Tominaga T, Kawashima R, Nakasato N. Electro- and magneto-encephalographic spike source localization of small focal cortical dysplasia in the dorsal peri-rolandic region. *Clin Neurophysiol* 125: 2358-2363, 2014 (PMID: 24856458)
  27. Jin K, Nakasato N. Long-cherished dreams for epileptologists and clinical neurophysiologists: Automatic seizure detection in long-term scalp EEG. *Clin Neurophysiol* 125:1289-1290, 2014 (PMID: 24439072)
  28. Kakisaka Y, Jin K, Kato K, Iwasaki M, Nakasato N. Temporal intermittent rhythmic delta activity and abdominal migraine. *Neurol Sci* 35: 627-628, 2014 (PMID: 24384966)
  29. Okumura E, Iwasaki M, Sakuraba R, Itabashi I, Osawa S, Jin K, Itabashi H, Kato K, Kanno A, Tominaga T, Nakasato N. Time-varying inter-hemispheric coherence during corpus callosotomy. *Clin Neurophysiol* 124:2091-100, 2013 (PMID: 23756060)
  30. Jin K, Alexopoulos AV, Mosher JC, Burgess RC. Implanted medical devices or other strong sources of interference are not barriers to magnetoencephalographic recordings in epilepsy patients. *Clin Neurophysiol* 124:1283-9, 2013 (PMID: 23664658)
  31. Iwasaki M, Uematsu M, Nakayama T, Hino-Fukuyo N, Sato Y, Kobayashi T, Haginoya K, Osawa S, Jin K, Nakasato N, Tominaga T. Parental satisfaction and seizure outcome after corpus callosotomy in patients with infantile or early childhood onset epilepsy. *Seizure* 22:303-5, 2013 (PMID: 23369272)

32. Schneider F, Wang ZI, Alexopoulos AV, Almubarak S, Kakisaka Y, Jin K, Nair D, Mosher JC, Najm IM, Burgess RC. Magnetic source imaging and ictal SPECT in MRI-negative neocortical epilepsies: additional value and comparison with intracranial EEG. *Epilepsia* 54:359-69, 2013 (PMID: 23106128)
33. Kakisaka Y, Mosher JC, Wang ZI, Jin K, Dubarry AS, Alexopoulos AV, Burgess RC. Utility of temporally-extended signal space separation algorithm for magnetic noise from vagal nerve stimulators. *Clin Neurophysiol* 124:1277-82, 2013 (PMID: 22727713)
34. Wang ZI, Jin K, Kakisaka Y, Burgess RC, Gonzalez-Martinez JA, Wang S, Ito S, Mosher JC, Hantus S, Alexopoulos AV. Interconnections in superior temporal cortex revealed by musicogenic seizure propagation. *J Neurol* 259:2251-4, 2012 (PMID: 23010942)
35. Kakisaka Y, Kubota Y, Wang ZI, Piao Z, Mosher JC, Gonzalez-Martinez J, Jin K, Alexopoulos AV, Burgess RC. Use of simultaneous depth and MEG recording may provide complementary information regarding the epileptogenic region. *Epileptic Disord.* 14:298-303, 2012 (PMID: 22940092)
36. Iwasaki M, Uematsu M, Sato Y, Nakayama T, Haginoya K, Osawa S, Itabashi H, Jin K, Nakasato N, Tominaga T. Complete remission of seizures after corpus callosotomy. *J Neurosurg Pediatr* 10:7-13, 2012 (PMID: 22681320)
37. Kakisaka Y, Iwasaki M, Alexopoulos AV, Enatsu R, Jin K, Wang ZI, Mosher JC, Dubarry AS, Nair DR, Burgess RC. Magnetoencephalography in fronto-parietal opercular epilepsy. *Epilepsy Res* 102:71-7, 2012 (PMID: 22658720)
38. Schneider F, Alexopoulos AV, Wang Z, Almubarak S, Kakisaka Y, Jin K, Nair D, Mosher JC, Najm IM, Burgess RC. Magnetic source imaging in non-lesional neocortical epilepsy: additional value and comparison with ICEEG. *Epilepsy Behav* 24:234-40, 2012 (PMID: 22542998)
39. Enatsu R, Jin K, Elwan S, Kubota Y, Piao Z, O'Connor T, Horning K, Burgess RC, Bingaman W, Nair DR. Correlations between ictal propagation and response to electrical cortical stimulation: a cortico-cortical evoked potential study. *Epilepsy Res* 101:76-87, 2012 (PMID: 22459638)
40. Wang ZI, Jones SE, Ristic AJ, Wong C, Kakisaka Y, Jin K, Schneider F, Gonzalez-Martinez JA, Mosher JC, Nair D, Burgess RC, Najm IM, Alexopoulos AV. Voxel-based morphometric MRI post-processing in MRI-negative focal cortical dysplasia followed by simultaneously recorded MEG and stereo-EEG. *Epilepsy Res* 100:188-93, 2012 (PMID: 22391138)
41. Wang ZI, Jin K, Kakisaka Y, Mosher JC, Bingaman WE, Kotagal P, Burgess RC, Najm IM, Alexopoulos AV. Imag(in)ing seizure propagation: MEG-guided interpretation of epileptic activity from a deep source. *Hum Brain Mapp* 33:2797-801, 2012 (PMID: 22328363)
42. Petzold A, Brettschneider J, Jin K, Keir G, Murray NM, Hirsch NP, Itoyama Y, Reilly MM, Takeda A, Tumani H. CSF protein biomarkers for proximal axonal damage improve prognostic accuracy in the acute phase of Guillain-Barré syndrome. *Muscle Nerve* 40: 42-49, 2009
43. Nishiyama S, Ito T, Misu T, Takahashi T, Kikuchi A, Suzuki N, Jin K, Aoki M, Fujihara K, Itoyama Y. A case of NMO seropositive for aquaporin-4 antibody more than 10 years before onset. *Neurology* 72: 1960-1961, 2009
44. Jin K, Nakasato N, Shamoto H, Kanno A, Itoyama Y, Tominaga T. Neuromagnetic localization of spike sources in perilesional, contralateral mirror, and ipsilateral remote areas in patients with cavernoma. *Epilepsia* 48: 2160-2166, 2007 (PMID: 17666072)
45. Jin K, Onodera H, Chida K, Abe N, Itoyama Y. Spade-shaped vocal cord in a multiple system atrophy patient with nocturnal stridor. *Intern Med* 46: 921, 2007
46. Jin K, Okabe S, Chida K, Abe N, Kimpara T, Ohnuma A, Nomura H, Itoyama Y, Onodera H. Tracheostomy can fatally exacerbate sleep-disordered breathing in multiple system atrophy. *Neurology* 68: 1618–1621, 2007
47. Jin K, Takeda A, Shiga Y, Sato S, Ohnuma A, Nomura H, Arai H, Kusunoki S, Ikeda M,

- Itoyama Y. CSF tau protein: a new prognostic marker for Guillain-Barré syndrome. *Neurology* 67: 1470–1472, 2006
48. Jin K, Sato S, Saito R, Ohnuma A, Nomura H, Itoyama Y. MRI findings from a case of fulminating adult-onset measles encephalitis. *Intern Med* 45: 783–787, 2006
  49. Hasegawa T, Shiga Y, Narikawa K, Jin K, Fujihara K, Takeda A, Itoyama Y. Periodic episodes of aphasia as an unusual manifestation of partial status epilepticus. *J Clin Neurosci* 12: 820–822, 2005 (PMID: 16153849)
  50. Jin K, Sato S, Takahashi T, Nakazaki H, Date Y, Nakazato M, Tominaga T, Itoyama Y, Ikeda S. Familial leptomeningeal amyloidosis with a transthyretin variant Asp18Gly representing repeated subarachnoid haemorrhages with superficial siderosis. *J Neurol Neurosurg Psychiatry* 75: 1436–1466, 2004
  51. Jin K, Shiga Y, Shibuya S, Chida K, Sato Y, Konno H, Doh-ura K, Kitamoto T, Itoyama Y. Clinical features of Creutzfeldt-Jakob disease with V180I mutation. *Neurology* 62: 502–505, 2004
  52. Shiga Y, Tsuda T, Itoyama Y, Shimizu H, Miyazawa KI, Jin K, Yamazaki T. Transcranial magnetic stimulation alleviates truncal ataxia in spinocerebellar degeneration. *J Neurol Neurosurg Psychiatry* 72: 124–126, 2002
  53. Hisanaga K, Suzuki H, Tanji H, Mochizuki H, Iwasaki Y, Sato N, Jin K. Fluoro-DOPA and FDG positron emission tomography in a case of pathologically verified pure diffuse Lewy body disease. *J Neurol* 248: 905–906, 2001

#### *Book Chapters*

1. Jin K, Nakasato N: Adult epilepsy. In: Tobimatsu S, Kakigi R (Ed): *Clinical applications of magnetoencephalography*, Springer Japan, Tokyo, pp 175-185, 2016

#### *Peer-Reviewed Scientific Articles in Japanese*

1. Kitazawa Y, Jin K, Iwasaki M, Suzuki H, Tanaka F, Nakasato N. [A surgical case of mesial temporal lobe epilepsy associated with hippocampal sclerosis and traumatic neocortical lesion]. *Rinsho Shinkeigaku* 57(11):698-704, 2017. Japanese
2. Suzuki T, Kakisaka Y, Kitazawa Y, Jin K, Sato S, Iwasaki M, Fujikawa M, Nishio Y, Kanno A, Nakasato N. [Ictal Speech Manifesting as Sleep Talking: A Case Report]. *Brain Nerve* 69(2):167-171, 2017. Japanese.
3. Akaishi T, Jin K, Kato K, Itabashi H, Misu T, Tateyama M, Iwasaki M, Aoki M, Nakasato N. [Clinical characteristics of four patients with temporal lobe epilepsy associated with elevated anti-GAD antibodies]. *Rinsho Shinkeigaku* 55(11):804-9, 2015. Japanese.
4. Ezura M, Kakisaka Y, Jin K, Kato K, Iwasaki M, Fujikawa M, Aoki M, Nakasato N. [A case of focal epilepsy manifesting multiple psychiatric auras]. *Brain Nerve* 67(1):105-9, 2015. Japanese.
5. Jin K. [Treatment Strategy for Adult Epilepsy: A Current Approach]. *Brain Nerve* 67(8):1043-9, 2015. Japanese.
6. Iwasaki M, Uematsu M, Nakayama T, Fukuyo N, Haginoya K, Jin K, Osawa S, Nakazato N, Tominaga T. [Corpus callosotomy for children with intractable generalized epilepsy: factors for long-term seizure remission]. *No To Hattatsu* 45(3):195-8, 2013. Japanese.
7. Nakasato N, Jin K, Iwasaki M, Itabashi N, Tominaga T. [Physicians' emotional barriers toward epilepsy surgery]. *Rinsho Shinkeigaku* 52(11):1080-2, 2012. Japanese.
8. Jin K, Nakasato N, Iwasaki M, Tominaga T: [Recent advances in epilepsy management]. *No Shinkei Geka* 40(1):5-14, 2012 Review. Japanese.
9. Kato K, Suzuki N, Aoki M, Warita H, Jin K, Itoyama Y: [Massive bleeding from tracheoarterial fistula in an amyotrophic lateral sclerosis patient treated with long-term invasive ventilation: an autopsy case report]. *Rinsho Shinkeigaku* 48(1):60-2, 2008 Japanese.

10. Suzuki N, Jin K, Shiga Y, Kato H, Itoyama Y: [A case of neuralgic amyotrophy manifesting bilateral anterior interosseous nerve syndrome]. No To Shinkei 54(7):605-8, 2002 Japanese.
11. Jin K, Aihara N, Tsukamoto T: [A case of medial medullary infarction with persistent primitive hypoglossal artery]. No To Shinkei 54(4):341-5, 2002 Japanese.
12. Jin K, Sato N, Hisanaga K, Suzuki H, Mochizuki H: [Diffuse Lewy body disease searched out from 114 patients with parkinsonism]. Rinsho Shinkeigaku 40(4):329-33, 2000 Japanese.
13. Sakuma R, Jin K, Nagai M, Kinpara T, Shiga Y, Fujihara K, Itoyama Y: [A case of multiple intracranial tuberculoma diagnosed by open brain biopsy]. Rinsho Shinkeigaku 37(10): 895-9, 1997 Japanese.

#### **Scientific presentation (first author):**

2017	1 poster presentation in an International meeting
2016	2 poster presentations in International meetings
2015	3 poster presentations (including 2 posters in International meetings)
2014	4 platform and 4 poster presentations (including 2 posters in International meetings)
2013	5 platform and 2 poster presentations (including 1 poster in International meeting)
2012	2 platform presentations
2011	3 platform and 1 poster presentations (including 1 poster in International meeting)

#### **Research support:**

##### *Grants - Principal Investigator*

1/2007-12/2007

Uehara Memorial Foundation.

*Pathophysiological study of intractable epilepsy using magnetoencephalogram.*

3/2011-2/2012

The Japan Epilepsy Research Foundation

*Ictal changes of heart rate variability and cardiac autonomic dysregulation in patients with intractable epilepsy.*

4/2011-3/2013

Ministry of Education, Science, Sports and Culture, Grant-in-Aid for Young Scientist (B), 23790971.

*Central sleep apnea in patients with intractable epilepsy and sudden unexpected death in epilepsy.*

4/2013-3/2016

Ministry of Education, Science, Sports and Culture, Scientific Research (C), 25461306.

*Effect of abnormality in sleep architecture and autonomic dysfunction in patients with intractable epilepsy.*

4/2016-3/2019

Ministry of Education, Science, Sports and Culture, Scientific Research (C), 16K09708.

*Pathophysiological research of induction of epileptic seizures by using multi-modal monitoring of autonomic functions.*

#### **RECOGNITION:**

##### **Honors and Awards**

- 3/4/2016 Clinical research award 2015, The Japan Epilepsy Research Foundation, "Peri-ictal monitoring of the autonomic nervous system and comprehensive evaluation of epilepsy"

9/7/2015 Best poster presentation, 31<sup>st</sup> International Epilepsy Congress, “Relationship between cardiac autonomic dysregulation and seizure lateralization in patients with focal epilepsy”

**Invited talks (International):**

Jin K, Kanno A, Nakasato N: Japanese Perspective on the Current State and Future Direction of Clinical MEG. 31st International Congress of Clinical Neurophysiology, May 6, 2018, Washington, D.C. (Symposium)

Jin K: Current trends in epilepsy diagnosis and treatment. XXIII World Congress of Neurology (WCN2017), Sep 18, 2017, Kyoto (Luncheon Seminar)

Jin K: Frontal lobe epilepsy and parasomnia. Japanese Society of Sleep Research International Forum on Somnology 2017, Apr 2, 2017, Tokyo (Symposium)

Jin K: Difficult and easy cases of PNES: Video demonstration. PNES around the world: let’s learn more about this neglected disorder and see how we might help. A joint meeting of the ILAE and the Japan Epilepsy Society (JES), Oct 29, 2015, Nagasaki (Symposium)

**Invited talks (Japanese):**

Jin K: Close relationship between epileptology and sleep medicine. 47<sup>th</sup> Annual Meeting of the Japanese Society of Clinical Neurophysiology, Nov 30, 2017, Yokohama (Luncheon Seminar)

Jin K: Epilepsy and autonomic nervous system: from the standpoint of a neurologist. 47<sup>th</sup> Annual Meeting of the Japanese Society of Clinical Neurophysiology, Nov 29, 2017, Yokohama (Symposium)

Jin K: Selection of appropriate antiepileptic drugs. 35<sup>th</sup> Annual Meeting of the Japanese Society of Neurological Therapeutics, Nov 16, 2017, Saitama (Evening Seminar)

Jin K: Recording and reading ictal video-EEG in Epilepsy Monitoring Unit. 51<sup>th</sup> Annual Meeting of the Japan Epilepsy Society, Nov 5, 2017, Kyoto (Symposium)

Jin K: New-onset epilepsy in the elderly and autoimmune epilepsy. 51<sup>th</sup> Annual Meeting of the Japan Epilepsy Society, Nov 3, 2017, Kyoto (Symposium)

Jin K, Kitazawa Y, Kakisaka Y, Nakasato N: Security management in epilepsy monitoring unit. Annual Meeting of the Japan Epilepsy Center Association (JEPICA2017), Feb 19, 2017, Nara (Symposium)

Jin K: Antiepileptic medication for women with epilepsy. 34<sup>th</sup> Annual Meeting of the Japanese Society of Neurological Therapeutics, Nov 4, 2016, Yonago (Morning Seminar)

Jin K: SUDEP in adult patients. 50<sup>th</sup> Annual Meeting of the Japan Epilepsy Society, Oct 9, 2016, Shizuoka (Symposium)

Jin K, Nakasato N: Training of EEG technologists. 50<sup>th</sup> Annual Meeting of the Japan Epilepsy Society, Oct 9, 2016, Shizuoka (Symposium)

Jin K: Tips for reading EEG of patients with epilepsy. 57<sup>th</sup> Annual Meeting of the Japanese Society of Neurology, May 20, 2016, Kobe (Educational Seminar)

Jin K: Lecture of epileptology by and for the neurologist. 57<sup>th</sup> Annual Meeting of the Japanese Society of Neurology, May 19, 2016, Kobe (Luncheon Seminar)

Jin K: Epilepsy practice update: video-EEG monitoring and newer antiepileptic drugs. 33<sup>th</sup> Annual Meeting of the Japanese Society of Neurological Therapeutics, Nov 27, 2015, Nagoya (Educational Seminar)

Jin K: Arousal from epileptic seizures and non-REM parasomnia. 49<sup>th</sup> Annual Meeting of the Japan Epilepsy Society, Oct 30, 2015, Nagasaki (Symposium)

Jin K: Epileptic or Non-epileptic seizures: from differential diagnosis to treatment. 33<sup>th</sup> Annual Meeting of the Japanese Society of Psychosomatic Pediatrics, Sep 11, 2015, Tokyo

(Luncheon Seminar)

- Jin K: Epileptic seizures. Public lecture “Niigata Neurology Week” at 56<sup>th</sup> annual meeting of the Japanese Society of Neurology, May 23, 2015, Niigata (Public lecture)
- Jin K: Role of valproate for patients with idiopathic generalized epilepsy. 56<sup>th</sup> annual meeting of the Japanese Society of Neurology, May 23, 2015, Niigata (Luncheon seminar)
- Jin K: Strategy for epilepsy treatment reporting from epilepsy monitoring unit. 95<sup>th</sup> annual meeting of Tohoku branch of the Japanese Society of Neurology, Mar 14, 2015, Sendai (Luncheon seminar)
- Jin K: Learning epileptology from long-term video-EEG monitoring. 27<sup>th</sup> annual meeting of the Japanese Society of General Hospital Psychiatry, Nov 28, 2014, Tsukuba (Workshop)
- Jin K: Watch seizures, read EEG, and see epilepsy patients. 55<sup>th</sup> annual meeting of the Japanese Society of Neurology, May 22, 2014, Fukuoka (Luncheon seminar)
- Jin K: Useful tips for anti-epileptic medication. 11<sup>th</sup> lifelong learning seminars at 55<sup>th</sup> annual meeting of the Japanese Society of Neurology, May 21, 2014, Fukuoka (Educational Seminar)
- Jin K: Workflow in epilepsy monitoring unit. 5<sup>th</sup> Annual Meeting of the Integrated Sleep Medicine Society Japan (ISMSJ), Aug 3, 2013, Kobe (Educational seminar)
- Jin K: Drug eruption induced by antiepileptic drugs. 54<sup>th</sup> Annual Meeting of the Japanese Society of Neurology, May 31, 2013, Tokyo (Evening Seminar)
- Jin K: Long-term video EEG monitoring. 49<sup>th</sup> Annual courses of the Japanese Society of Clinical Neurophysiology, Nov 9, 2012, Tokyo (Educational Seminar)
- Jin K: Intracranial electroencephalography in adult epilepsy. 46<sup>th</sup> Annual Meeting of the Japan Epilepsy Society, Oct 11, 2012, Tokyo (Educational Seminar)
- Jin K: Impact of long-term video EEG monitoring. 53<sup>th</sup> Annual Meeting of the Japanese Society of Neurology, May 25, 2012, Tokyo (Luncheon Seminar)