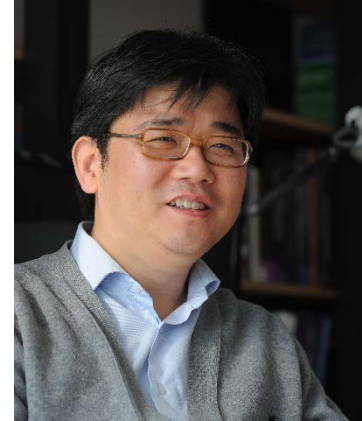


CURRICULUM VITAE

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- Director, KI for Health Science and Technology (KIHST)
- Director, Dr.M Smart Mobile Healthcare Center
- Director, Neuro-Vascular Disorder Research Center (NVRC funded by NRF)
- Director, Laboratory for Cognitive Neuroscience and NeuroImaging (ibrain.kaist.ac.kr)
- Faculty, Department of Neurology, KAIST Pappalardo Clinic



Research Field:

- Neurophysiology
- Cognitive Neuroscience and Neuropsychology
- Clinical Neurology (neurodegenerative disease, neurovascular disease)
- Functional Neuroimaging
- Brain mapping and modeling
- Brain network
- Bioengineering (biosignals)

Education:

- Ph.D (in Neurophysiology), Yonsei University, Seoul, Korea, 1997
- Master in Science (MS), Yonsei University, Seoul, Korea, 1993
- MD, Yonsei University College of Medicine, Seoul, Korea, 1991

Professional Career

- Adjunct professor, Department of Neurology, Sungkyunkwan University Samsung Medical Center, September 1, 2005 – current

- Visiting Professor, Department of Bio and Brain Engineering, September 1, 2005 – May 31, 2007
- Research and Clinical Fellow, University of Florida, August 1, 2003 – August 31, 2005
- Research and Clinical Fellow, Samsung Medical Center, Sungkyunkwan University, Seoul, Korea, March 1, 2002 – July 31, 2003
- Neurology Residency, Severance Hospital, Yonsei Medical Center, Yonsei University College of Medicine, Seoul, Korea, March 1, 1998 - February 28, 2002
- Internship, Severance Hospital, Yonsei Medical Center, Yonsei University College of Medicine, Seoul, Korea, May 1, 1997 – February 28, 1998
- Researcher, National Institute of Toxicological Research, Korea Food and Drug Administration, April 28, 1994 - April 25, 1997
- Research and Teaching Assistant, Department of Physiology, Yonsei University College of Medicine, Seoul, Korea, March 1, 1991 – February 28, 1994

Degree and Qualification:

- Board of Neurology (No. 780), granted by Ministry of Health and Welfare, Korea, 2002
- ECFMG Certification (No.0-469-234-9), 1998
- Ph.D, conferred by Yonsei University, Seoul, Korea, 1997
- MS, conferred by Yonsei University, Seoul, Korea, 1993
- MD (No. 43694), granted by Ministry of Health and Welfare, Korea, 1991

Society Memberships and Services:

- International
 - Society for Neuroscience (SfN), member
 - Organization for Human Brain Mapping (OHBM), member
 - Institute of Complex Medical Engineering, Director
 - IBEC 2015, Scientific Program Committee
 - Biomag 2016, Organization Committee
 - The 10th ICME International Conference on Complex Medical Engineering (ICME 2016), Organizing Committee Co-Chair
 - The 2019 International Conference of Korean Dementia Association (IC-KDA 2019), Academic advisory committee
- Domestic
 - Korean Human Brain Mapping Society (KHBM), Board of director, Chair of international relation, former general affairs committee, academic and strategy committee
 - Korean Dementia Association, Board of Director
 - The Korean Society for Neurodegenerative Disease, Chair of Academic committee
 - Korean Society of Medical and Biological Engineering, Academic committee
 - The Korean Society for Brain and Neural Science, member
 - Korean Neurological Association, former Academic committee
 - The Korean Society for Cognitive Science, former Organization committee
 - Korean Society for Clinical Neurophysiology, former academic committee
 - Korean Brain Society, former Chair of Planning Committee

Academic and Public Services

- Journal of Alzheimer's disease, former Associate Editor
- Yonsei Medical Journal, editorial board

- Korea Food and Drug Administration, Consultant on Biomedical Devices
- National Research Foundation of Korea, former Review Board
- Institute of Civil-military Technology Cooperation, former Consultant
- Ministry of Health and Welfare, National Dementia Research Committee, member
- Ministry of Science, Technology and ICT, National Brain Research Working Committee, member
- KFDA, Medical Instrument Safety Committee, member

Awards

- Siemens Academic Excellence Award conferred by Korean Society of Human Brain Mapping, 2016
- Research Award conferred by Korea Clinical Neurophysiology Society, 2014
- President of Korea Medical Association Award, 1991

Publications:

International Journal

1. Park M, Chung J, Kim JK, Jeong Y*, Moon WJ. Altered functional brain networks in patients with traumatic anosmia: Resting-state functional MRI based on graph theoretical analysis. *J Kor Radiol* (accepted)
2. Ahn JH, Cho H, Kim JH, Kim SH, Ham JS, Park I, Suh SH, Hong SP, Song JH, Hong YK, Jeong Y, Park SH*, Koh GY*. Meningeal lymphatic vessels at the skull base drain cerebrospinal fluid. *Nature*. 2019 Aug;572(7767):62-66. doi:10.1038/s41586-019-1419-5.
3. Lee YB, Yoo K, Roh JH, Moon WJ, Jeong. Y*. Brain-State Extraction Algorithm Based on the State Transition (BEST): A Dynamic Functional Brain Network Analysis in fMRI Study. *Brain Topogr*. 2019 Jun 3. doi: 10.1007/s10548-019-00719-7 (in press)
4. Yoon JH, Jeong Y*. In vivo imaging for neurovascular disease research. *Arch Pharm Res*. 2019 Mar;42(3):263-273. doi: 10.1007/s12272-019-01128-x. (Review)
5. Kim DY, Hwang K, Ahn J, Seo YH, Kim JB, Lee S, Yoon JH, Kong E, Jeong Y, Jon S, Kim P, Jeong KH*. Lissajous Scanning Two-photon Endomicroscope for in vivo Tissue Imaging. *Sci Rep*. 2019 march 05:9:3560. <https://doi.org/10.1038/s41598-019-38762-w>
6. Lee ES, Yoon JH, Choi JY, Adndika, F, Lee T, Jeong. Y*. A Mouse Model of Subcortical Vascular Dementia Reflecting Degeneration of Cerebral White Matter and Microcirculation. *J Cereb Blood Flow Metab*. 2019 Jan;39(1):44-57. doi: 10.1177/0271678X17736963.
7. Kim HR, Lee P, Seo SW, Roh JH, Oh M, Oh JS, Oh SJ, Kim JS, Jeong Y*. Alzheimer's Disease Neuroimaging Initiative. Comparison of Amyloid β and Tau Spread Models in Alzheimer's Disease. *Cereb Cortex*. 2018 Dec 19. [Epub] doi:10.1093/cercor/bhy311.
8. Lee DH, Lee P, Seo SW, Roh JH, Oh M, Oh JS, Oh SJ, Kim JS, Jeong Y*. Neural substrates of cognitive reserve in Alzheimer's disease spectrum and normal aging. *Neuroimage*. 2018 Nov 29;186:690-702. doi: 10.1016/j.neuroimage.2018.11.053.

9. Park MH, Lee JY, Park KH, Jung IK, Kim KT, Lee YS, Ryu HH, Jeong Y, Kang M, Schwaninger M, Gulbins E, Reichel M, Kornhuber J, Yamaguchi T, Kim HJ, Kim SH, Schuchman EH, Jin HK, Bae JS*. Vascular and Neurogenic Rejuvenation in Aging Mice by Modulation of ASM. *Neuron*. 2018 Oct 10;100(1):167-182.e9. doi:10.1016/j.neuron.2018.09.010. Epub 2018 Sep 27.
10. Song M, Kang M, Lee H, Jeong Y*, Paik SB*. Classification of Spatiotemporal Neural Activity Patterns in Brain Imaging Data. *Sci Rep*. 2018 May 29;8:8231. doi:10.1038/s41598-018-26605-z
11. Lee JO, Lee ES, Kim JS*, Lee YB, Jeong Y, Choi BS, Kim JH*, Staab JP. Altered brain function in persistent postural perceptual dizziness: A study on resting state functional connectivity. *Hum Brain Mapp*. 2018 Aug;39(8):3340-3353. doi:10.1002/hbm.24080.
12. Yoon JH, Jeong Y, Na DL*. Medial-Vowel Writing Difficulty in Korean Syllabic Writing: A Characteristic Sign of Alzheimer's Disease. *J Clin Neurol*. 2018 Apr;14(2):179-185. doi: 10.3988/jcn.2018.14.2.179.
13. Kang M, Lee YB, Gohel B, Yoo K, Lee P, Chung J, Jeong Y*. Momentary level of slow default mode network activity is associated with distinct propagation and connectivity patterns in the anesthetized mouse cortex. *J Neurophysiol*. 2018 Feb 1;119(2):441-458. doi: 10.1152/jn.00163.2017.
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15. Choung OH, Lee SW*, Jeong Y*. Exploring Feature Dimensions to Learn a New Policy in an Uninformed Reinforcement Learning Task. *Sci Rep*. 2017 Dec 15;7:17676. doi:10.1038/s41598-017-17687-2
16. Chung J, Yoo K, Lee P, Kim CM, Rho JH, Park JE, Kim SJ, Seo SW, Shin JH, Seong JK*, Jeong Y*. Normalization of Cortical Thickness Measurements across Different T1 Magnetic Resonance Imaging Protocols by Novel W-Score Standardization. *NeuroImage* 2017 Oct 1. 224-236 doi: 10.1016/j.neuroimage.2017.07.053
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22. Lee P, Ryoo H, Park J*, Jeong Y*. Morphological and Microstructural Changes of the Hippocampus in Early MCI: ADNI study. *J Clin Neurol* 2017 April;13(2):144-154. doi:10.3988/jcn.2017.13.2.144
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53. Sohn WS, Yoo KS, Jeong Y*. Independent Component Analysis of Localized Resting State fMRI Reveals Specific Motor Sub-Networks. *Brain Connectivity* 2012 Sep 20;2(4):218-224. [Epub 2012 Aug 9]
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73. Yoo K, Sohn WS, Ju D, Jeong Y. Degree-based statistics (DBS) with hub-detection" a correction method for mass-univariate hypothesis testing of the brain connectivity matrix. Presented at 2014 Annual Meeting of Korean Society for Human Brain Mapping, Seoul, Korea, Nov 7, 2014 (Poster number: Disorders of Nervous System section 4) (selected as a best poster)
74. Chung J, Yoo K, Kim EJ, Na DL, Jeong Y. Glucose metabolic brain networks in early onset versus late onset Alzheimer's disease. Presented at 2014 Annual Meeting of Korean Society for Human Brain Mapping, Seoul, Korea, Nov 7, 2014 (Poster number: Disorders of Nervous System section 14) (selected as a best poster)
75. Lee YB, Lee J, Tak S, Lee K, Jeong Y, Ye JC. A sparse graph model can directly identify resting-state functional connectivity of Alzheimer's disease in fMRI. Presented at 2014 Annual Meeting of Korean Society for Human Brain Mapping, Seoul, Korea, Nov 7, 2014 (Poster number: Modeling and Analysis Methods Neuroanatomy section 4) (selected as a best poster)
76. Lee ES, Yoo K, Lee YB, Chung J, Lim JE, Yoon B, Jeong Y. Disruption of default mode network connectivity occurs in the late-stage but not in the early-stage of MCI: Results from ADNI. Presented at 2014 Annual Fall Conference of Korean Neurological Association, Seoul, Korea Oct.31, 2014. (Abst, I-2-2, p4)

77. Lee E-S, Yoo K, Jeong Y. The ADNI. Progressive Deterioration of Default-mode Functional Connectivity within Mild Cognitive Impairment. Presented at the 20th Annual Meeting of the Organization for Human Brain Mapping, Hamburg, Germany, June 8-12, 2014 (Poster number, 1118)
78. Sohn W, Lee Y-B, Yoo K, Na DL, Jeong Y. The case for personal connectomics: Alzheimer's disease classification using subject specific ROIs. Presented at the 20th Annual Meeting of the Organization for Human Brain Mapping, Hamburg, Germany, June 8-12, 2014 (Poster number, 1775)
79. Ghahremani M, Jeong Y, Ye JC. Functional Connectivity of the Default Mode Network in Parkinson's Disease with Cognitive Impairment. Presented at the 20th Annual Meeting of the Organization for Human Brain Mapping, Hamburg, Germany, June 8-12, 2014 (Poster number, 1843)
80. Jeong Y. Resting brain networks and their implications. Present at 2014 the 18th Spring Conference of Korean Clinical Neurophysiology Society. Seoul, Korea, March 28-29, 2014 (Plenary talk)
81. Yoo K, Choung O, Chung SJ, Lee Y-B, You S, Kim M-J, Jeong Y. Intrinsic functional connectivity with Parkinson rating in relevance to asymmetric motor symptoms. Presented at the 20th Annual Meeting of the Organization for Human Brain Mapping, Hamburg, Germany, June 8-12, 2014 (Poster number, 3269)
82. Jeong Y. Subject-specific ROIs of Default-mode Network for Alzheimer's Disease Classification. Present at the 2nd International Congress on Magnetic Resonance Imaging (ICMRI 2014) and the 19th Annual Scientific Meeting of KSMRM (KSMRM 2014). Seoul, Korea, March 28-29, 2014 (Invited talk)
83. Yoon HJ, Lee E, Kang M, Jeong Y, Park JH. In Vivo Multi-Photon Luminescence Imaging of Gold Nanoparticles to Visualize Morphology and Permeability of Mouse Brain Vasculature. ASME 2014 3rd Global Congress on NanoEngineering for Medicine and Biology
84. Sohn WS, Lee YB, Yoo K, N DL, Jeong Y. Subject specific ROIs for resting state Alzheimer's disease classification. Presented at 2013 Annual Meeting of Korean Society for Human Brain Mapping, Seoul, Korea, Nov 1, 2013
85. Lee YB, Yoo K, Sohn WS, Jeong Y. Classification of Alzheimer's disease with resting state brain network using multivariate pattern analysis. Presented at 2013 Annual Meeting of Korean Society for Human Brain Mapping, Seoul, Korea, Nov 1, 2013 (Poster number 3)
86. Yoo K, Chung SJ, Choung O, Lee YB, You S, Kim MJ, Jeong Y. Neural connectivity substrates of cognitive and motor dysfunction in Parkinson's disease. Presented at 2013 Annual Meeting of Korean Society for Human Brain Mapping, Seoul, Korea, Nov 1, 2013 (Poster number 4)
87. Kang M, Gohel B, Lee YB, Jeong Y. Mapping of intrinsic functional connectivity dynamics using large-scale voltage sensitive dye imaging in anesthetized mice. Presented at 2013 Annual Meeting of Korean Society for Human Brain Mapping, Seoul, Korea, Nov 1, 2013 (Poster number 28) (selected as a best poster)

88. Sohn, WS, Yoo K, Jeong Y. Intrinsic connectivity of the default mode network is affected by ROI selection. Presented at 2013 Annual Meeting of Korean Society for Human Brain Mapping, Seoul, Korea, Nov 1, 2013 (Poster number 34)
89. Gohel B, Jeong Y. Sensory modality specific EEG dynamics during continuous counting task. Presented at 2013 Annual Meeting of Korean Society for Human Brain Mapping, Seoul, Korea, Nov 1, 2013 (Poster number 41)
90. Lee J, Kim Y, Jeong Y, Na DL, Lee K-H, Lee D. Pathway-Based Classification of Brain Activities for Alzheimer's Disease Analysis. ACM 7th international workshop on data and text mining in biomedical informatics in conjunction with CIKMK, San Francisco, USA, Nov. 1, 2013
91. Kang M, Gohel B, Lee YB, Jeong Y. Mapping of intrinsic functional connectivity dynamics using large-scale voltage sensitive dye imaging in anesthetized mice. Presented at 16th Annual Meeting of the Korean Society for Brain and Neural Science, Seoul, Korea, Sep 25-26, 2013 (Poster number H-10). *Exp Neurobiol.* 22(2);Supple 2013 p165.(selected as a best poster)
92. Yoo K, Chung SJ, You S, Kim MJ, Sohn WS, Lee YB, Jeong Y. Intrinsic functional connectivity of motor network and laterality of motor symptoms in PD. Presented at the 19th Annual Meeting of the Organization for Human Brain Mapping, Seattle, WA, USA, June 16-20. 2013 (Poster number, MT1205)
93. Lee YB, Yoo K, Sohn WS, Jeong Y. Classification of resting fMRI of Alzheimer's disease using multivariate pattern analysis with cluster. Presented at the 19th Annual Meeting of the Organization for Human Brain Mapping, Seattle, WA, USA, June 16-20. 2013 (Poster number, MT1638)
94. Sohn WS, Yoo K, Jeong Y. Localized independent component analysis for mapping functional sub-networks. Presented at the 19th Annual Meeting of the Organization for Human Brain Mapping, Seattle, WA, USA, June 16-20. 2013 (Poster number, MT 2023)
95. Sohn WS, Yoo K, Jeong Y. Methods for ROI selection affects measured intrinsic connectivity of resting state network. Presented at the 19th Annual Meeting of the Organization for Human Brain Mapping, Seattle, WA, USA, June 16-20. 2013 (Poster number, MT 2026)
96. Kim J, Jeong Y. Augmentation of the sensory-evoked hemodynamic response in an early Alzheimer's disease model mouse. Presented at XXVIth International Symposium on cerebral blood flow, metabolism and function & XIth International Conference on Quantification of brain function with PET, Shanghai, China, May 23, 2013 (Abst, Thursday 51, p116)
97. Yoo K, Kim H, Na DL, Jeong J, Jeong Y. Dynamics of the network properties with Progression of Alzheimer's Disease using resting state fMRI. Presented at 2012 Annual Fall Conference of Korean Neurological Association, Seoul, Korea Nov. 1, 2012. (Abst, P-I-88, p63)

98. Noh HJ, Seo SW, Park JE, Jeong Y, Kim GH, Noh Y, Cho H, Kim HJ, Yoon CW, Ye BS, Na DL. Blood viscosity in subcortical vascular mild cognitive impairments with versus without amyloid burden. Presented at 2012 Annual Fall Conference of Korean Neurological Association, Seoul, Korea Nov. 1, 2012. (Abst, P-I-106, p69)
99. Sohn WS, Sailamul P, Kang JK, Jeong Y. Localized Independent Component Analysis of fMRI for identifying Epileptic Focus. Presented at 2012 Annual Fall Conference of Korean Neurological Association, Seoul, Korea Nov. 3, 2012. (Abst, P-II-141, p183)
100. Lee E, Lee JE, Yoo K, Lee PH, Jeong Y, Sohn YH, Kang SY. Neural substrates of sequence effect in Parkinson's disease. Presented at 2012 Annual Fall Conference of Korean Neurological Association, Seoul, Korea Nov. 3, 2012. (Abst, P-II-194, p200)
101. Gohel B, Jeong Y. Frequency-morphological analysis of EEG waveform during seizure onset. Presented at 2012 Annual Fall Conference of Korean Neurological Association, Seoul, Korea Nov. 3, 2012. (Abst, P-II-284, p229)
102. Sohn WS, Sailamul P, Kang JK, Jeong Y. Isolation of Epileptic Focus using Localized Independent Component Analysis. Presented at 2012 Annual Fall Conference of Korean Society for Human Brain Mapping, Seoul, Korea Nov. 2, 2012.
103. Yoo K, Kim H, Na DL, Seo SW, Jeong J, Jeong Y. Reorganization of the Brain Network with Progression of Alzheimer's Disease using resting state fMRI. Presented at 2012 Annual Fall Conference of Korean Society for Human Brain Mapping, Seoul, Korea Nov. 2, 2012.
104. Ghahremani M, Yoo K, Chung SJ, Jeong Y, Ye, JC. Brain resting state network connectivity in patients with Parkinson's disease and cognitive impairment. Presented at 2012 Annual Fall Conference of Korean Society for Human Brain Mapping, Seoul, Korea Nov. 2, 2012.
105. Lee E, Lee JE, Yoo K, Lee PH, Jeong Y, Kang SY. Neural substrates of sequence effect in Parkinson's disease. Presented at 2012 Annual Fall Conference of Korean Society for Human Brain Mapping, Seoul, Korea Nov. 2, 2012.
106. Lee YB, Hong H, Jeong Y. Detection of Implicit thought with eye tracking: Modified Implicit Association Test Reveals the subsistent of implicit intention. Presented at 2012 Annual Fall Conference of Korean Society for Human Brain Mapping, Seoul, Korea Nov. 2, 2012.
107. Sohn WS, Yoo K, Jeong Y. Localized independent component analysis for mapping functional sub-networks. Presented at 2012 Annual Fall Conference of Korean Society for Human Brain Mapping, Seoul, Korea Nov. 2, 2012.
108. Bakul G, Jeong Y. Morphological modulation in EEG waveform during Motor Imagery. Presented at 2012 Annual Fall Conference of Korean Society for Human Brain Mapping, Seoul, Korea Nov. 2, 2012.
109. Han YH, Kim JH, Jeong Y. Study of perivascular drainage in mouse brain and relationship with Alzheimer's disease. Presented at the 15th Annual Meeting of the Korean

Society for Brain and Neural Science (CB-8), Seoul, Korea, Sep.25-26. Experimental Neurobiology 21(2, suppl2012) p84.

110. Lee YB, Park DH, Jeong Y. Effect of rTMS on Broca's area on verbal memory performance. Presented at the 15th Annual Meeting of the Korean Society for Brain and Neural Science (CB-13), Seoul, Korea, Sep.25-26. Experimental Neurobiology 21(2, suppl2012) p87
111. Yoo KS, Chung SJ, Kim MJ, You S, Sohn WS, Jeong Y. Intrinsic functional connectivity of subcortical motor circuit in patients with Parkinson's disease. Presented at the 18th Annual Meeting of the Organization for Human Brain Mapping (292 WTh), Beijing, China, June 10-14
112. Sohn WS, Yoo KS, Jeong Y. Localized independent component analysis (LICA) for mapping motor network. Presented at the 18th Annual Meeting of the Organization for Human Brain Mapping (7363 MT), Beijing, China, June 10-14, 2012
113. Yoo KS, Sohn WS, Jeong Y. Experience-dependent changes in intrinsic functional connectivity: Tool-use and supramarginal gyrus. Presented at the 18th Annual Meeting of the Organization for Human Brain Mapping (874 WTh), Beijing, China, June 10-14, 2012
114. Gohel B, Jeong Y. Analyze empirical morphometric characteristics of EEG waveform in epilepsy. Presented at The Korean Epilepsy Congress 2012 (OP4-2), Incheon, Korea June 7-9.
115. Sohn WS, Sailamul P, Kang JK, Jeong Y. Localized independent component analysis for identifying epileptic focus. Presented at The Korean Epilepsy Congress 2012 (PO-40), Incheon, Korea June 7-9. (Selected as a Best Poster Award)
116. Suh M, Na DL, Seo SW, Kim H, Jeong Y. Neuroanatomical correlates of dysphagia in patients with subcortical vascular mild cognitive impairment and subcortical vascular dementia. Program No. 243.02. 2011 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2011. Online.
117. Kim J, Jeong Y. Augmented hemodynamic responses in early Alzheimer's disease model mice. Program No. 875.12. 2011 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2011. Online. (Selected as an AKN award)
118. Sohn WS Yoo KS, Na DL, Jeong Y. Progressive changes in hippocampal resting state functional connectivity in amnesic mild cognitive impairment and Alzheimer's disease. Presented at 2011 Annual Fall Conference of Korean Society for Human Brain Mapping, Seoul, Korea Nov. 4, 2011.
119. Yoo KS, Chung SJ, You S, Kim M-J, Jeong Y. Changes in intrinsic functional network connectivity in patients with Parkinson's disease. Presented at 2011 Annual Fall Conference of Korean Society for Human Brain Mapping, Seoul, Korea Nov. 4, 2011.
120. Sohn WS Yoo KS, Jeong Y. Localized independent component analysis (LICA) for mapping task specific motor network. Presented at 2011 Annual Fall Conference of Korean

Society for Human Brain Mapping, Seoul, Korea Nov. 4, 2011. (Selected as an Excellent poster award)

121. Yoo KS, Sohn WS, Jeong Y. Tool-use practice-induced changes in intrinsic functional connectivity of parietal lobe. Presented at 2011 Annual Fall Conference of Korean Society for Human Brain Mapping, Seoul, Korea Nov. 4, 2011.
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123. Kim EJ, Cho SS, Jeong BH, Kim YS, Seo SW, Na DL, Geschwind MD, Jeong Y. Specific brain regions preferentially affected in sporadic Creutzfeldt-Jacob disease: an SPM analysis of 18F-FDG PET. J Korean Neurol Assoc. 2011 October;29 (Suppl. 1):168.
124. Yoo KS, Chung SJ, You S, Kim MJ, Sohn WS, Jeong Y. Resting state sensory motor network in patients in Parkinson's disease. J Korean Neurol Assoc. 2011 October;29 (Suppl. 1):183. (Selected as a Best Poster Award)
125. Kim J, Chang S, Jo Y, Jeong Y. Augmented hemodynamic response in early Alzheimer's disease model mice. Exp Neurobiol. 2012 September;20(2 Supple): 139.
126. Chang S, Kim J, Jeong Y. The effect of anesthetics on low-frequency oscillation of blood in the resting state brain. Exp Neurobiol. 2012 September;20(2 Supple): 169.
127. Sohn WS, Yoo K, Jeong Y. Establishing Methodology for Resting State ROI Analysis to Distinguish Task Specific Motor Networks. Presented at 17th Annual Meeting of the Organization for Human Brain Mapping, Quebec City, Canada June 26-30, 2011.
128. Jeong Y. Network approach of the brain and neurological disease. J Korean Neurol Assoc. 2011 April;29 (Suppl. 1):13. (Invited talk)
129. Jeong Y. Neurovascular coupling and its dysfunction in subcortical vascular dementia. Presented at 2011 Spring Conference of Korean Dementia Assoc. April 1, 2011 (Invited talk)
130. Jeong Y. In vivo imaging using intravital and two-photon microscopy for neurovascular coupling study. Presented at 2011 Spring meeting of Korean Society of Molecular Imaging. April 30, 2011 (Invited talk)
131. Sohn WS, Yoo K, Na DL, Jeong Y. Changes in Hippocampal Network in amnesic Mild Cognitive Impairment and Alzheimer's disease. The 14th spring meeting of Korean Society of Clinical Neurophysiology, Seoul, Korea April 8-9, 2011. J Korean Society of Clinical Neurophysiology 13(1 suppl):57, 2011 (Selected as excellent research award)
132. Yoo K, Sohn WS, Jeong Y. Training-induced changes in resting state sensory-motor network. The 14th spring meeting of Korean Society of Clinical Neurophysiology, Seoul, Korea April 8-9, 2011. J Korean Society of Clinical Neurophysiology 13(1 suppl):80-81, 2011

133. Sohn WS, Yoo K, Na DL, Jeong Y. Changes of Hippocampal Networks in Patients with Mild Cognitive Impairment and Alzheimer's disease. Presented at 16th Annual Meeting of the Organization for Human Brain Mapping, Barcelona, Spain June 6-10, 2010
134. Sohn WS, Yoo K, Na DL, Jeong Y. Changes of resting state motor networks according to seeding regions and their relationship with task activated fMRI. Presented at 16th Annual Meeting of the Organization for Human Brain Mapping, Barcelona, Spain June 6-10, 2010.
135. Tak S, Yoon SJ, Jeong Y, Ye JC. Quantitative Analysis of Subcortical Vascular Cognitive Impairment using Simultaneous NIRS and fMRI. Presented at 16th Annual Meeting of the Organization for Human Brain Mapping, Barcelona, Spain June 6-10, 2010.
136. Jeong Y. Physiology and Function of Cerebral Cortex. Presented at 13th Spring meeting of Korean Society for Clinical Neurophysiology. April 2, 2010 (Lecture course)
137. Sohn W, Jeong Y. Differences in Left and Right Hippocampal Networks with Mild Cognitive Impairment and Alzheimer's disease. Presented at 2010 Spring Conference of Korean Dementia Assoc. April 3, 2010
138. Kim J, Jeong Y. In vivo brain imaging of Alzheimer's disease and other dementia. Presented in DRD2009. Oct 21-23, Okayama, December 11, 2009 (Invited talk)
139. Park SG, Oh YJ, Jang H, Kim J, Min DH, Jeong Y, Jeong KH. Neurochemical Detection through Biocompatible Surface Enhanced Raman Scattering Biopatch. Presented in 2009 Annual Fall Meeting of the Korean Biochip Society. Seoul, Oct. 8~9, 2009.
140. Jeong Y, Sohn WS. Default mode network and other intrinsic network mapping using resting fMRI and their implications. J Korean Neurol Assoc. 2009;27(Suppl. 1):13. (Invited talk)
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Other Activities

1. Chair. KAIST Workshop on Neuroimaging and Brain Mapping. Dec. 3 2010 KAIST, Daejeon, Korea
2. Organization and Scientific Committee. KAIST-NTU-Technion Tripartite Workshop on Biomedicine. Sep. 7 2016 KAIST, Daejeon, Korea