

ICMRI2016_Poster Presentation

Poster Q&A: March 25(Fri) 15:00~16:00 Diamond Hall (3F)

All poster presenters are encouraged to be at their poster panels for discussion with participants during the poster presentation time.

#	Presenting name	Country	접수번호	Title	Topic	Presenting Code
1	Zhifeng Chen	China	2016_FA-055	MP ARTS-GROWL: A Motion-induced Prior Information Based Dynamic Artificial Sparsity and Parallel Imaging Technique for non-Cartesian DCE MRI Reconstruction	Abdomen	P01
2	Kim Jooyeon	Korea	2016_KA-085	Hepatic Lipid Metabolite Changes in High-fat diet Induced Liver Steatosis Model by In Vivo 1H-MRS at 9.4T	Abdomen	P02
3	Tae-Hoon Kim	Korea	2016_KA-125	Assessment of hepatic metabolite changes in non-alcoholic steatohepatitis using 1H magnetic resonance spectroscopy with long TE	Abdomen	P03
4	Byungjai Kim	Korea	2016_KA-134	Respiratory Motion Estimation within Echo Train of Fast Spin Echo	Abdomen	P04
5	Kyu-Ho Song	Korea	2016_KA-153	Transverse Relaxation Times of Methylene Protons in Animal Model of Abnormal Intrahepatic Triglyceride Storage Using In Vivo Proton MRS	Abdomen	P05
6	Kyu-Ho Song	Korea	2016_KA-155	Liver Metabolites in Animal Model of High-Fat-Diet induced Abnormal Intrahepatic Triglyceride Storage Using 1H-MRS with Internal Standard Method	Abdomen	P06
7	Kyu-Ho Song	Korea	2016_KA-157	Quantification of lipid resonances using PRESS and STEAM sequences at 9.4 T	Abdomen	P07
8	JEONG WOO KIM	Korea	2016_KA-179	Predictive value of paradoxical uptake on hepatobiliary phase of Gd-EOB-DTPA-enhanced MRI for response to transcatheter arterial chemoembolization in hepatocellular carcinoma	Abdomen	P08
9	Junyi Yang	China	2016_FA-026	Parental emotional warmth influence the relationship between the regional gray matter volume and depression personality trait	Advanced MRI	P09
10	Wenjing Yang	China	2016_FA-032	Only-child and non-only-child exhibit differences in creativity and agreeableness: Evidence from behavioral and anatomical structural studies	Advanced MRI	P10
11	Zhi Hua Ren	Singapore	2016_FA-068	Design, Optimization and Application of a Permanent Magnet Array for Portable Magnetic Resonance Imaging System	Advanced MRI	P11
12	Hyug-Gi Kim	Korea	2016_KA-086	Investigation of QSM and Gray Matter Volume in Patients with AD and MCI	Advanced MRI	P12
13	Hyunseok Seo	Korea	2016_KA-108	Measurement of the blood pressure using the phase difference in MRI	Advanced MRI	P13
14	Kyung Min Nam	Korea	2016_KA-114	Simulation Studies of Highly Accelerated CEST Imaging by Combining Compressed Sensing and Parallel Imaging.	Advanced MRI	P14
15	Sohyun Han	Korea	2016_KA-154	Accurate pO2 measurement with true T1-weighted compressed sensing assisted RARE (CS-RARE)	Advanced MRI	P16
16	Jinil Park	Korea	2016_KA-166	Two-state(inspiration and expiration) lung imaging exploiting retrospective respiratory gating with single scan	Advanced MRI	P17
17	HO JOON LEE	Korea	2016_KA-173	Value of Amide Proton Transfer Imaging in Correlation with Histopathological Grades of Adult Diffuse Gliomas : Comparison and Incremental Value with Dynamic Susceptibility Contrast-Enhanced MRI and Diffusion Weighted Imaging	Advanced MRI	P18
18	Jonghyun Yoon	Korea	2016_KA-194	A new field inhomogeneity correction method robust to phase wrapping and chemical shift	Advanced MRI	P19
19	Hansol Lee	Korea	2016_KA-196	Quantitative Susceptibility Mapping (QSM) for Postmortem Human Substantia Nigra with Histological validation : a 7T MRI study	Advanced MRI	P20
20	Kyung Eun Jang	Korea	2016_KA-198	Higher temporal resolution using multiband accelerated echo-planar imaging on resting-state functional magnetic resonance imaging	Advanced MRI	P21
21	Seok Ha Jin	Korea	2016_KA-207	Cerebral Blood Flow Estimation with Monocrystalline Iron Oxide Nanoparticles after Transient Middle Carotid Artery Occlusion in the Rat	Advanced MRI	P22
22	Hoesu Jung	Korea	2016_KA-208	A comparison of UTE(R1)-, ΔR2*- and ΔR2*- MR angiogram after stroke in rat using SPION	Advanced MRI	P23
23	Seung-Jin Cho	Korea	2016_KA-100	MRI Safety-Specific Absorption Rate and Temperature change induced by Medical Implants during MRI Scan	Advanced MRI	P24
24	Minjung Jang	Korea	2016_KA-211	Intravoxel incoherent motion (IVIM) analysis with constrained nonnegative matrix factorization (cNMF)	Advanced MRI	P25

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#	Presenting name	Country	접수번호	Title	Topic	Presenting Code
25	Areum Min	Korea	2016_KA-212	The analysis of cortical thickness for obstructive sleep apnea	Advanced MRI	P26
26	Mung Soo Kang	Korea	2016_KA-219	Quantifying The Difference of Contrast Between Original 3D TSE Image and Reconstructed CS-3D TSE Image	Advanced MRI	P27
27	Young-Joong Yang	Korea	이메일제출-1	Simultaneous phase unwrapping and main field inhomogeneity correction method for quantitative susceptibility mapping of human brain	Advanced MRI	P28
28	Geon-Ho Jahng	Korea	이메일제출-2	CSF effect on the CEST maps in the elderly human brain	Advanced MRI	P29
29	Dongwook Lee	Korea	이메일제출-11	Navigation-Free & Reference-Free SMS-EPI using ALOHA with modified blipped-CAIPI	Advanced MRI	P30
30	Qiang Zhang	China	2016_FA-062	Diagnosis of Breast Cancer and Mastitis using Texture Features of Peak Contrast Enhanced MRI	Breast	P31
31	YOUNGJEAN PARK	Korea	2016_KA-201	Intratumoral Agreement of High-Resolution Magic Angle Spinning Magnetic Resonance Spectroscopic Profiles in the Metabolic Characterization of Breast Cancer	Breast	P32
32	Huiyu Qiao	China	2016_FA-043	Identification of Early Atherosclerotic Lesions in Carotid Arteries with Quantitative Characteristics Measured by Three-Dimensional Magnetic Resonance Imaging	Cardiovascular	P33
33	Ruolan Lin	China	2016_FA-045	Comparison between MP-RAGE Sequence and SNAP Sequence on Carotid Artery Imaging	Cardiovascular	P34
34	Shuo Chen	China	2016_FA-057	Hybrid Interleaved Multi-contrast Imaging (HIMI) for Simultaneous Brain and Carotid Vessel Wall Imaging	Cardiovascular	P35
35	Heng Tee Khor	Malaysia	2016_FA-063	Butterfly in the Heart: Hepatocellular Carcinoma Metastasis to the Heart	Cardiovascular	P36
36	Hojin Ha	Korea	2016_KA-113	The 4D PC-MRI quantification of the hemodynamic features in the thoracic aorta	Cardiovascular	P37
37	Moon Young Kim	Korea	2016_KA-143	Correlation Myocardial T1 relaxation times with cardiovascular risk factors in asymptomatic subjects	Cardiovascular	P38
38	Hae Jin Kim	Korea	2016_KA-144	Aortic valve planimetry by high-resolution 3-dimensional MR image acquisition with a breath-hold: comparison with conventional cine MR imaging and echocardiography to assess the severity of aortic valve stenosis	Cardiovascular	P39
39	Sung Ho Hwang	Korea	2016_KA-184	Relationship between Left Atrial Pressure and Left Atrial Appendage Emptying by Velocity Encoded Cardiovascular Magnetic Resonance in Patients with Atrial Fibrillation	Cardiovascular	P40
40	Yoon-Chul Kim	Korea	2016_KA-195	Evaluation of spatial heterogeneity in myocardial perfusion using local fractal dimension	Cardiovascular	P41
41	Sang-Woo Kim	Korea	2016_KA-137	Time-of-Flight MR Angiography in Cerebral Arteries at 3T and 7T	Experimental	P42
42	Chi-Hyeon Yoo	Korea	2016_KA-139	Neurometabolic Effect Induced by Repeated Exposure of Dizocilpine on Prefrontal Cortex of Animal Model Using In Vivo Proton MRS at 9.4 T	Experimental	P43
43	Song-I Lim	Korea	2016_KA-147	The Effects of Varenicline on the Hippocampus of Repeated Nicotine-Treated Rats : In vivo Proton MR Spectroscopy at 9.4T	Experimental	P44
44	Song-I Lim	Korea	2016_KA-148	Longitudinal Neurochemical Changes on Rat Prefrontal Cortex of Single Prolonged Stress Model : In Vivo Proton Magnetic Resonance Spectroscopy at 9.4T	Experimental	P45
45	Jongchul Kim	Korea	2016_KA-084	MR Imaging & Clinical Differentiation of Ovarian Sex Cord-Stromal Tumors	GU	P46
46	Gen Yan	China	2016_FA-039	A Potential Magnetic Resonance Imaging Technique Based on Chemical Exchange Saturation Transfer for in Vivo γ -aminobutyric Acid Imaging	Molecular MRI	P47
47	Hye Sun Park	Korea	2016_KA-099	Novel and high performance MR/NIR contrast agent for tracking the migration of dendritic cells	Molecular MRI	P48
48	Hong Young Jun	Korea	2016_KA-101	Evaluation of Antitumor Effect of Combination therapy of Ionizing Radiation and Celestrol Using Diffusion Weighted MRI: An Experimental Study in a Murine Lung Carcinoma Model	Molecular MRI	P49
49	Eun-Joong Kim	Korea	2016_KA-111	In vivo tracking of dendritic cells in lymph nodes using dual imaging probe with Gd-enhanced MRI and near-infrared fluorescence	Molecular MRI	P50

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50	Dan Heo	Korea	2016_KA-124	Aptamer-modified T2 Contrast Agent for specific MR imaging of Erbb2-expressing Breast Cancer	Molecular MRI	P51
51	Dan Heo	Korea	2016_KA-133	Gadoteric acid-modified Albumin for the targeted T1-weighted MR imaging of Tumor	Molecular MRI	P52
52	Hyeyoung Moon	Korea	2016_KA-138	Real time monitoring of the inflammatory evolution and innate immune cell infiltration using magnetic nanoparticles	Molecular MRI	P53
53	Garam Choi	Korea	2016_KA-215	Gadolinium Complex of DTPA-bis(amide) Conjugates of Diethylenetriamine Functionalized by Acryloyl Group as a Magnetic Resonance Imaging Contrast Agent	Molecular MRI	P55
54	Jong Eun Kang	Korea	이메일제출-6	pH-mediated facile method of multi-core magnetic nanoparticles for high-performance MRI detection of macrophages in inflammation sites	Molecular MRI	P56
55	Inyoung Bae	Korea	2016_KA-103	A Dedicated Structure of Dipole Antenna for Improving the B1 -field Sensitivity	MR Engineering	P57
56	Youngdae Cho	Korea	2016_KA-128	Optimum Arrangement and Combination of Receive only and Transmit Only Coils for Imaging at 7 Tesla	MR Engineering	P58
57	Daniel Hernandez	Korea	2016_KA-135	Comparison between MFM and oil-referencing methods to correct phase drift in MR thermometry	MR Engineering	P59
58	Eun Ju Cha	Korea	2016_KA-160	Enhancement of Temporal Resolution of TWIST using Annihilating Filter-based Low-rank Hankel Matrix Approach	MR Engineering	P60
59	Hongbae Jeong	UK	2016_KA-167	Investigation of the resolution effects on electro-magnetic simulation in MR safety researches	MR Engineering	P61
60	Eun-Hyuk Choi	Korea	2016_KA-174	A Simulation Study on the Electrode Design for MRI-Guided RF Hyperthermia	MR Engineering	P62
61	Kang Hyun Ryu	Korea	2016_KA-182	Optic Nerve imaging using combination of FLAIR and T2-weighted images (FLAIR2)	MR Engineering	P63
62	Vishaka Senevirathne	Sri Lanka	2016_FA-024	The Longitudinal Relaxation Time analysis of pixel based Magnetic Resonance Imaging parameter for potential Acute Myeloid Leukemia Diagnosis	MSK	P64
63	Yoonho Nam	Korea	2016_KA-158	Feasibility of disc degeneration assessment using gradient echo phase imaging	MSK	P65
64	Young Han Lee	Korea	2016_KA-214	Articular cartilage grading of the knee: Diagnostic performance of fat-suppressed 3D volume isotropic turbo spin-echo acquisition (VISTA) compared with 3D T1 high-resolution isovolumetric examination (THRIVE)	MSK	P67
65	Darae Kim	Korea	2016_KA-217	Total Ankle Arthroplasty: A Pictorial Review	MSK	P68
66	Dandan Tong	China	2016_FA-021	Neural basis of unknown emotional stimuli processing in trait anxiety	Neuro	P69
67	Lkhagvasuren Dorjnya	Mongolia	2016_FA-036	Magnetic Resonance imaging protocol for evaluation of acute ischemic stroke	Neuro	P70
68	Erpeng Dai	China	2016_FA-037	Improved Reconstruction Efficiency of Simultaneous Multi-Slice Accelerated iEPI DWI Using Coil Compression	Neuro	P71
69	Fengying Lu	China	2016_FA-038	Help-seeking strategy mediated the effect of childhood maltreatment on the hippocampus reduction	Neuro	P72
70	Davaatseren Bold	Mongolia	2016_FA-042	MRI Finding of Differential between Pyogenic and Tuberculous Spondylitis	Neuro	P73
71	Enkhjargal Lkhagvaa	Mongolia	2016_FA-046	Differences in apparent diffusion coefficient in brain abscess and malignant tumors in Mongolian patients: Ulaanbaatar Songdo Hospital experience	Neuro	P74
72	Ainur Sayasat	Mongolia	2016_FA-047	Features of pyogenic and postoperative abscesses in Mongolian patients as observed in 2008-2015	Neuro	P75
73	Angeline Ng	Australia	2016_FA-051	MRI features of Neuromyeloidosis: a Paediatric Case Illustration	Neuro	P76
74	Undral Shinekhuu	Mongolia	2016_FA-065	DIAGNOSIS OF DYSCIRCULATORY ENCEPHALOPATHY BY MRI	Neuro	P77

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75	Hyunkoo Kang	Korea	2016_KA-012	The value of arterial transit artifact with arterial spin labeling MRI in patients with internal carotid artery stenosis	Neuro	P78
76	Hyunkoo Kang	Korea	2016_KA-013	Differentiation of glioblastoma multiforme and single brain metastasis by the distribution pattern of intratumoral susceptibility sign derived from susceptibility-weighted imaging	Neuro	P79
77	Chang-Woo Ryu	Korea	2016_KA-027	Change of Laterality of Auditory Network and Its Relative Networks in Tinnitus Patients	Neuro	P80
78	Ju Ho Kim	Korea	2016_KA-109	Resting-State Functional Magnetic Resonance Imaging: Comparison of BOLD and ASL Techniques	Neuro	P81
79	Kyung Mi Lee	Korea	2016_KA-115	Multiple Susceptibility based MRI Techniques for the Diagnosis of Nigrosome 1	Neuro	P82
80	Jinhee Jang	Korea	2016_KA-131	A TTP map of the brain using time-resolved multi-phasic contrast-enhanced MR angiography: A feasibility study	Neuro	P83
81	Chi-Hoon Choi	Korea	2016_KA-170	Local Network Impairment in Asymptomatic Young AIDS Patients with Normal Brain MRI: Diffusion Tensor Imaging Connectome Analysis	Neuro	P84
82	Hye Jeong Choi	Korea	2016_KA-197	Functional and Structural Connectivity of Default Mode Network: A study of Combining fMRI and DTI	Neuro	P85
83	Eunji Kim	Korea	2016_KA-199	The study of fMRI using Wisconsin Card Sorting Test in women exposed to sound of crickets	Neuro	P86
84	Hyunsil Cha	Korea	2016_KA-200	The study of working memory with facial N-back task through fMRI	Neuro	P87
85	Jang Woo Park	Korea	2016_KA-202	The relationship between neuropathic pain after spinal cord injury and functional connectivity at rest: a resting-state fMRI study	Neuro	P88
86	Koung Mi Kang	Korea	2016_KA-151	Crossed Cerebellar Diaschisis in Hyperacute Ischemic Stroke Detected by Arterial Spin-Labeled Perfusion Magnetic Resonance Imaging	Neuro	P89
87	Wai Pong Chu	Hong Kong	2016_FA-053	Magnetic Resonance Imaging Features of Primary Spinal Yolk Sac Tumor in a Pediatric Boy - An Extremely Rare Presentation of a Malignant Tumor	Pediatric	P90
88	Yoon Ho Hwang	Korea	2016_KA-216	A Shape Changes of upper Airway in Children with Obstructive Sleep Apnea Using Gradients Derived from Optical Flow	Pediatric	P91