

ASNO 2017

The 14th Meeting of
the Asian Society for Neuro-Oncology

October 29(sun.) - 31(tue.), 2017

Knowledge Capital Congrès Convention Center
(Grand Front Osaka North Building B2F)

Organized by The Asian Society for Neuro-Oncology
The Japan Society for Neuro-Oncology
Congress Chair: Yuichi Hirose, MD, DMSc
Professor and Chair, Department of Neurosurgery
Fujita Health University

<http://asno2017.jp/>



Congress president: Yuichi Hirose

Co-president: Ryo Nishikawa

Honorary president: Yukitaka Ushio

Masao Matsutani

Advisory board: Takamasa Kayama

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Hideo Takeshima

Tetsuya Ueba

Koji Yoshimoto

The Japan Society for Brain Tumor pathology

Toshihiko Wakabayashi

Takashi Komori

Kaoru Kurisu

Local organizing committee

Shigeo Ohba

Kazuhide Adachi

Yuya Nishiyama

Takuro Hayashi

Miho Yamato

Distinguished Lecturers



Prof. Kenneth Aldape



Prof. Susan M. Chang

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The 14th Meeting of
the Asian Society for Neuro-Oncology

Congress President: Yuichi Hirose, M.D., Ph.D.

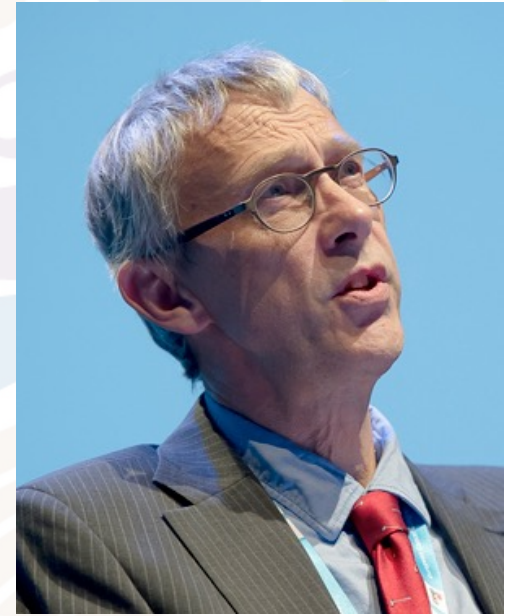
Distinguished Lecturers



Prof. Russell O. Pieper



Prof. Hideho Okada



Prof. Martin J. van den Bent

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the Asian Society for Neuro-Oncology

Congress President: Yuichi Hirose, M.D., Ph.D.

The 14th ASNO Meeting Young Scientists Award for Asian doctors

Objective was to improve communication and collaboration between Asian oncologists by supporting young researchers at early phase of their career.

Dr. Peiyao Li (Central South University, China)

LRRC4 reversed by miR-101 mediated the interaction between GBM cells and Tumor infiltrated CD4+CCR4+ T cells by cytokines

Dr. Nan Zhang (Huashan Hospital, Fudan University, China)

Reorganization of Cerebro-cerebellar Circuit in Dominant Hemispheric Glioma Patients: A New Insight in Understanding Linguistic Plasticity

Dr. Kavneet Kaur (All India Institute of Medical Sciences, New Delhi, India)

Association of IDH, p53 and ATRX mutations with H3K27M mutations in midline gliomas

Dr. Mirna M Iskandar (Universitas Indonesia, Indonesia)

Factors Affecting Recurrence Risk in Intracranial Meningioma Two Years Post-Surgery in Cipto Mangunkusumo General Hospital in 2010-2015

Dr. Min Ho Lee (Samsung Medical Center, Sungkyunkwan University School of Medicine, Korea)

Surgical resection and genetic evolution in glioblastoma multiforme (GBM)

Certificate was given at each presentation.

Program

Hall, Knowledge Capital Congrès Convention Center, B2F, North Building, Grand Front Osaka

Sunday, October 29, 2017

8:30-9:30 General scientific session 1

Cell biology

Moderators: Mitsutoshi Nakada, Japan
Jianhong Zhu, China

GS1-01	Inhibition of homologous recombination resensitizes temozolomide-resistant glioma cells to temozolomide	Shigeo Ohba
GS1-02	Preventing relapse in GBM by targeting residual resistant cells captured from preclinical orthotopic mouse model by inhibiting SETMAR mediated NHEJ repair pathway	Shilpee Dutt
GS1-03	Human glioma stem-like cells induce malignant transformation of bone marrow mesenchymal stem cells by activating TERT expression	Jun Dong
GS1-04	Regulation of bioenergetics through dual inhibition of aldehyde dehydrogenase and mitochondrial complex I suppresses glioblastoma tumorspheres	Seok-Gu Kang
GS1-05	LRRC4 reversed by miR-101 mediated the interaction between GBM cells and Tumor infiltrated CD4+CCR4+ T cells by cytokines	Peiyao Li
GS1-06	Arg Kinase mediates CXCL12/CXCR4-induced invadopodia formation and invasion in mesenchymal subtype GBM	Long Hai

9:30-10:30 General scientific session 2

Surgery

Moderators: Koji Yoshimoto, Japan
Shin Jung, Korea

GS2-01	Patient-specific resection strategy of glioblastoma multiforme: choice based on a preoperative scoring scale	Haihui Jiang
GS2-02	Reorganization of Cerebro-cerebellar Circuit in Dominant Hemispheric Glioma Patients: A New Insight in Understanding Linguistic Plasticity	Nan Zhang
GS2-03	Awake surgery aimed for preserving social cognitive ability: Analysis about its usefulness and associated white matter network	Riho Nakajima
GS2-04	Navigated Transcranial Magnetic Stimulation (nTMS) Applied in Brain Function Research and Glioma Resection in Brain Eloquent Areas	Xuejun YANG
GS2-05	Survival benefit of lobectomy for primary glioblastomas in non-eloquent region: gross-total resection versus supratotal resection	Jong Hee Chang
GS2-06	Maximal and safe resection of glioblastoma provided by awake craniotomy	Masashi Kinoshita

10:30-12:00 Symposium 1

Lower grade glioma 1

 Moderators: Akitake Mukasa, Japan
 Dong-Sup Chung, Korea

SY1-01	The role of chemotherapy in lower grade glioma (LrGG) after the new WHO classification	Susan Chang
SY1-02	Grade II and III astrocytoma: the current state	Martin van den Bent
SY1-03	Adult IDH Wild-type Lower-grade Gliomas Should Be Further Stratified	Abudumijiti AIBAIDULA
SY1-04	NCT02209428: Does temozolomide Chemotherapy lessen Cognitive Dysfunction in Young Patients with High-risk Low Grade Gliomas?	Zeyang Li
SY1-05	Challenges in WHO2016 update-based diagnosis and treatment of anaplastic gliomas	Motoo Nagane

12:00-13:00 Lunchtime seminar 1
Sponsored by Eizai Co., Ltd.

Moderator: Toshihiro Kumabe, Japan

LS1-01	Effectiveness of awake craniotomy for glioma and epileptogenic focus resection	Nobuhiro Mikuni
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13:00-14:00 Symposium 2

Radiation oncology

 Moderators: Shin-ichi Miyatake, Japan
 Rakesh Jalali, India

SY2-01	Correlation of progression-free survival (PFS) with RANO criteria for response assessment in patients with primary Glioblastoma (GBM)	Narendra Kumar
SY2-02	Efficacy and safety of hypofractionated stereotactic radiosurgery for large-sized skull base meningiomas: a preliminary report on 31 patients	Hyuk-Jin Oh
SY2-03	A new and simpler prognostic index in radiosurgical treatment for patients with brain metastases	Donghwan Jeong
SY2-04	Tailor-made setting of radiation doses owing to the <i>MGMT</i> gene promoter methylation for the treatment of <i>IDH</i> -wildtype primary glioblastoma.	Toshihiko Iuchi
SY2-05	Boron neutron capture therapy (BNCT) for brain tumor	Shinji Kawabata

14:00-15:00 General scientific session 3

Immuno-oncology

 Moderators: Tetsuya Ueba, Japan
 Xiaodan Jiang, China

GS3-01	A clinical study of VEGFR1 / 2 peptide vaccine in patients with neurofibromatosis type 2	Masahiro Toda
GS3-02	A novel WT1 peptide vaccination for newly diagnosed malignant gliomas	Yu Kawanishi

GS3-03	Combination therapy with anti-PD-1 antibody and temozolomide contributes to eradication of murine glioblastoma	Seok-Gu Kang
GS3-04	Clinical Trial of Peptide Vaccination for Patients with Malignant Glioma	Ryogo Kikuchi
GS3-05	Synergistic effect of memory T cell modulation in dendritic cell-based immunotherapy	Yohei Mineharu
GS3-06	Significance of preoperative neutrophil to lymphocyte ratio on predicting of newly diagnosed glioma grade	Young Il Kim

15:00-16:00 Symposium 3
Sponsored by Chugai Pharmaceutical Co., Ltd.

Immuno-oncology

Moderator: Naoya Hashimoto, Japan

SY3-01	Peptide vaccination for malignant gliomas	Naoya Hashimoto
SY3-02	Challenges in Immunotherapy for Brain Tumors	Hideho Okada

16:00-17:00 Rapid reports 1
Biomarker and genetics

Moderators: Masayuki Kanamori, Japan
Yeon Soo Lee, Korea

RR1-01	Clinicopathological features of H3.3 G34-mutant high-grade gliomas	Koji Yoshimoto
RR1-02	CXCL13 in cerebrospinal fluid (CSF) as a biomarker for primary central nervous system lymphoma (PCNSL)	Takashi Sasayama
RR1-03	MyD88 mutation in the elderly predicts a poor prognosis in primary CNS lymphoma: multi-institutional analysis	Shingo Takano
RR1-04	Correlation between PIK3R1Met326Ile mutation, cysteine-rich protein 61 expression and poor prognosis in glioblastoma	Kazuhiko Kurozumi
RR1-05	H3F3A and TERT promoter mutations are poor prognosticators in pediatric low-grade gliomas	Abudumijiti Aibaidula
RR1-06	Clinicopathological Analysis of Adult High-Grade Gliomas Harboring BRAF V600E Mutation	Yukitomo Ishi
RR1-07	Analysis of BRAF gene alterations and mTOR signaling pathway activation in gangliogliomas	Aanchal Kakkar
RR1-08	LIN28A, a sensitive immunohistochemical marker for embryonal tumor with multilayered rosettes (ETMR) is also positive in a subset of Atypical Teratoid/Rhabdoid Tumor (AT/RT)	Shilpa Rao
RR1-09	Proteome analysis of glioma-derived extracellular vesicles isolated from neurosurgical aspirates provide markers for disease stage and progression	Susannah Hallal
RR1-10	Analysis of selected microRNAs as a potential predictors of poor outcome in glioblastoma patients	Pavel Fadrus

17:00-18:10 Rapid reports 2

Radiology

Moderators: Yoshiki Arakawa, Japan
Shiyuang Zhao, China

RR2-01	Detection of 2-hydroxyglutarate in IDH-mutant malignant gliomas by 3-tesla magnetic resonance spectroscopy	Manabu Natsumeda
RR2-02	Terahertz reflectometry imaging for low and high grade gliomas	Jong Hee Chang
RR2-03	Non-enhancing peritumoral DWI high lesion in Glioblastoma: A novel diagnostic & specific prognostic indicator	Manish Kolakshyapati
RR2-04	Radiologic Outcomes after LINAC-based Stereotactic Radiosurgery (SRS) for Vestibular Schwannomas	J. Richeleyn M. Baclay
RR2-05	Can re-irradiation for recurrent malignant gliomas be a good option?	Wan-Soo Yoon
RR2-06	Study on the judging method of brain motor function area reorganization based on nTMS and fMRI	Kai ZHANG
RR2-07	Early Initiation of Radiotherapy is a feasible option in patients diagnosed with Gliomas: A retrospective analysis of patient in a single Institution a Tertiary Care Centre	SHALEEN AGRAWAL
RR2-08	Phase I study of intrathecal pemetrexed as salvage therapy in patients with recurrent leptomeningeal metastases from non-small cell lung cancer: a preliminary report (IPRLM,NCT03101579)	Zhenyu Pan
RR2-09	Bone metastasis predicts poor prognosis of patients with brain metastases from colorectal carcinoma post aggressive treatment	Xiaobing Jiang
RR2-10	Upfront Hypofractionated Radiotherapy vs Temozolomide followed by Hypofractionated RT in High Grade Glioma Patients with Poor Performance Status - Single Institutional Experience	POULAMI BASU
RR2-11	Treatment Result and Prognostic Factors of Brain metastasis from ovarian cancer: Retrospective analysis of 56 cases	Ho Shin Gwak

Monday, October 30, 2017

8:30-10:00 Symposium 4

Frontier in brain tumor pathology Joint Session with Japan Society of Brain Tumor Pathology

Moderators: Takashi Komori, Japan
Kazuhiko Sugiyama, Japan

SY4-01	Genomic and epigenomic characterization of meningioma	Ken Aldape
SY4-02	Tumor heterogeneity and evolution for precision therapeutics in glioblastoma	Do-Hyun Nam
SY4-03	Recent Advances in Medulloblastomas : Impact and Challenges from a Neuropathologist's Perspective	Chitra Sarkar
SY4-04	Morphological and genetic features of meningioma	Shinya Tanaka
SY4-05	Distinct molecular profile of diffuse cerebellar gliomas	Masashi Nomura

10:00-10:50 Symposium 5

Sponsored by MSD K.K.

Lower grade glioma 2, 1p19q codeleted tumor

Moderator: Keisuke Ueki, Japan

SY5-01	1p/19q codel glioma: time to choose between quantity and quality of life?	Martin van den Bent
SY5-02	Management of oligodendroglial tumors	Hikaru Sasaki

10:50-12:00 Symposium 6

Glioblastoma

Moderators: Motoo Nagane, Japan
Zhong-ping Chen, China

SY6-01	Update on clinical trials for glioma	Susan Chang
SY6-02	Starting point of human glioblastoma, IDH-wildtype: Subventricular zone	Seok-Gu Kang
SY6-03	Efficacy Analysis of Depatuxizumab mafodotin (ABT-414) +/- Temozolomide (TMZ) in Patients (Pts) With EGFR Amplified, Recurrent Glioblastoma (rGBM) From a Multicenter, International Phase 1 Clinical Trial	Andrew B. Lassman
SY6-04	Microcirculation patterns in glioblastoma associates with patient prognosis	Zhongping Chen
SY6-05	External validation of a recent NRG Oncology RTOG nomogram for glioblastoma: Recognizing the importance of reliable assessment of surgical resection	Jee Suk Chang

12:00-13:00 Lunchtime seminar 2**Sponsored by Chugai Pharmaceutical Co., Ltd.**

Moderator: Yoshitaka Narita, Japan

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| LS2-01 | Current challenges in the surgical management of malignant gliomas | Yoshiki Arakawa |
| LS2-02 | Salvage stereotactic radiotherapy for recurrent malignant glioma | Hisashi Mizowaki |

13:00-14:10 General scientific session 4**Pediatric tumor**

Moderators: Hideo Takeshima, Japan
Chitra Sarkar, India
Hye Lim Jung, Korea

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|---------------|--|-------------------|
| GS4-01 | Correlation of clinical and molecular data in childhood medulloblastoma: The Taiwan experience | Tai-Tong Wong |
| GS4-02 | Necessity for histological diagnosis of tumors with bifocal lesion, diabetes insipidus, and negative tumor markers | Masayuki Kanamori |
| GS4-03 | Irradiation induced Secondary Tumors for Pediatric Central Nervous System Tumors - Experiences of Taipei VGH, Taiwan (1975-2013) | Muh-Lii Liang |
| GS4-04 | Gli3 induces neuronal differentiation in WNT- and SHH- activated medulloblastoma | Manabu Natsumeda |
| GS4-05 | Single voxel proton MR spectroscopic detection of high lipid levels and low ADC is characteristics of germinoma | Fumiyuki Yamasaki |
| GS4-06 | Cancelled | |
| GS4-07 | Targeted therapy approaches and resistance mechanisms for pediatric low-grade gliomas with activated RAF gene fusions | Payal Jain |

14:10-15:00 General scientific session 5**Midline glioma**

Moderators: Koichi Ichimura, Japan
Tai-Tong Wong, Taiwan

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| GS5-01 | H3.3K27M mutation-derived novel neoantigen – characterization of the HLA-A2-binding epitope and a specific T cell receptor for development of T cell-based immunotherapy | Hideho Okada |
| GS5-02 | Novel approach for epigenetic therapy targeting EZH2 and BET bromodomain in pediatric diffuse midline gliomas with H3K27M mutant. | Rintaro Hashizume |
| GS5-03 | Association of IDH, p53 and ATRX mutations with H3K27M mutations in midline gliomas | Kavneet Kaur |
| GS5-04 | Treatment strategy of spinal intramedullary gliomas-advances and new insights | Guihuai Wang |

15:00-15:30 Special lecture

Mutant IDH1 co-operates with ATRX loss to drive the alternative lengthening of telomere (ALT) phenotype in glioma

Moderator: Yukihiro Sonoda, Japan

SL01	Mutant IDH1 co-operates with ATRX loss to drive the alternative lengthening of telomere (ALT) phenotype in glioma	Russell O. Pieper
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15:30-16:30 General scientific session 6

Extra-axial tumor
Moderators: Takashi Tamiya, Japan
Jong Hee Chang, Korea

GS6-01	Solitary fibrous tumor / Hemangiopericytoma: treatment results based on the 2016 World Health Organization Classification	Soo Jeong Park
GS6-02	FoxM1, a master regulator of cell cycle, can be a potential target for the malignant progression of human meningioma	Shin-Hyuk Kang
GS6-03	Clinical and Radiological Predictors of Malignant Features in Intracranial Meningiomas	Mikhail Chernov
GS6-04	POST OPERATIVE OUTCOME OF SPHENOORBITAL MENINGIOMA: REVIEW ON VISUAL ACQUITY AND PROPTOTIC INDEX	Renindra Ananda Aman
GS6-05	Factors Affecting Recurrence Risk in Intracranial Meningioma Two Years Post-Surgery in Cipto Mangunkusumo General Hospital in 2010-2015	Mirna M Iskandar
GS6-06	Tumor immunity and extracranial metastases in intracranial solitary fibrous tumor/ hemangiopericytoma.	Dai Kamamoto

16:30-17:30 Rapid reports 3

Cell biology
Moderators: Tatsuya Abe, Japan
Seok-Gu Kang, Korea

RR3-01	Notch1 is a prognostic factor that exists a distinct activation in the classical and proneural subtype of glioblastoma and regulates glioma cell survival via NF- κ B(p65) pathway.	Long Hai
RR3-02	The role of a previously unrecognized pericytes progenitor-like cell in glioma expansion and progressi	Yuping Li
RR3-03	Radiotherapy with concomitant 5-aminolevulinic acid for malignant gliomas: enhancement of delayed production of reactive oxygen species in mitochondria in glioma cells.	Junkoh Yamamoto
RR3-04	Notch1 signaling pathway promotes GICs self-renewal, invasion and tumor growth through AKT/mTOR pathway activity mediated by CXCR4/CXCL12 axis	Xuejun YANG
RR3-05	Enhancement of gap junctional activity in stem cell-based suicide gene therapy by iPS cell-derived neural stem cells	Hiroaki Kenmochi

RR3-06	A Cytosolic FUS Anchor Long Noncoding RNA LINC00470 Activates ATK and Drive Astrocytoma Tumorigenesis	changhong liu
RR3-07	A 3D-Engineered Conformal Implant Releases DNA Nanocomplexes for Eradicating the Post-Surgery Residual Glioblastoma	Mao Qing
RR3-08	An immunohistochemical association of VEGF and peritumoral edema in diffuse gliomas	Surendra Kumar
RR3-09	Suicide gene therapy for malignant glioma using neural stem/progenitor cells derived from human induced pluripotent stem cells	Ryota Tamura
RR3-10	Intracranial remote recurrence in IDH mutant gliomas is associated with TP53 mutations and 8q gain	Shunsuke Nakae

17:30-18:40 Rapid reports 4

Surgery

Moderators: Kazuhiko Mishima, Japan
Sun Hwan Kim, Korea

RR4-01	Endoscopic surgery for intraparenchymal and ventricular tumors	Yoshiki Arakawa
RR4-02	Cancelled	
RR4-03	Spectroscopy-guided Stereotactic Brain Biopsy: Personal Experience and Literature Review	Mikhail Chernov
RR4-04	Cancelled	
RR4-05	Neuronavigation-guided frameless stereotactic biopsy under local anesthesia in differential diagnosis of primary center nerve system lymphoma and gliomas	Yiqun Cao
RR4-06	Microsurgical Treatment of Brainstem Gliomas	Zhengwen He
RR4-07	The application of fluorescein sodium in breast cancer brain metastasis surgery	Yong-gao Mou
RR4-08	FUNCTIONAL OUTCOME IN PRIMARY EXTRAMEDULLAR INTRADURA SPINE TUMOR OPERATED IN CIPTO MANGUNKUSUMO HOSPITAL USING SF - 36 ON 2014 - 2016	Yulius Seno Nugroho
RR4-09	Post Operative - Quality of Life Improvements in Meningioma Sphenoorbital Patients with ocular Proptosis at The Department of Neurosurgery Cipto Mangunkusumo Hospital Based on EORTC QLQ-C30 Questionnaire	Kumara Wisyesa
RR4-10	Cancelled	
RR4-11	The Effectiveness of Fluorescein Fluorescence in High Grade Glioma Resection	Danu Rolian

Tuesday, October 31, 2017

8:30-9:10 General scientific session 7

Clinical practice

Moderators: Takamitsu Fujimaki, Japan
Guihuai Wang, China

GS7-01	An Updated Nationwide Epidemiology of Primary Brain Tumors in Republic of Korea, 2013	Yun-Sik Dho
GS7-02	Current Treatment Status of Adult Brain Tumors in the Philippine General Hospital	Ranhel C De Roxas
GS7-03	Survival rates and risk factors for high-grade glioma (HGG) treated at the National Cancer Referral Hospital, Jakarta, Indonesia	Rini Andriani
GS7-04	Neuro-oncology in the South of Vietnam: an early stage of development.	Huy Minh Tran

9:10-10:50 Symposium 7

Glioma biology and genetics

Moderators: Kaoru Kurisu, Japan
Jong Bae Park, Korea
Danny T M Chan, Hong Kong

SY7-01	Rapid conversion of mutant IDH1 from driver to passenger in a model of human gliomagenesis.	Russell O. Pieper
SY7-02	Molecular diagnosis of gliomas	Ken Aldape
SY7-03	Genetic and epigenetic stability of oligodendrogliomas at recurrence	Akitake Mukasa
SY7-04	A simple algorithmic approach utilizing histology and immunohistochemistry for the current classification of adult Diffuse Glioma in a resource limited set-up	Shilpa Rao
SY7-05	The subgroup harboring 19q loss in Anaplastic astrocytoma showed oligodendroglial morphology and good prognosis.	Ryohei Otani
SY7-06	Surgical resection and genetic evolution in glioblastoma multiforme (GBM)	Min Ho Lee

11:00-12:10 General scientific session 8

Clinical study

Moderators: Yasuo Iwadate, Japan
Se-Hyuk Kim, Korea

GS8-01	Safety and efficacy of deparatuzumab mafodotin (ABT-414) + temozolomide (TMZ) in a Phase 2 study of Japanese patients with EGFR-amplified, recurrent glioblastoma	Yoshihiro Muragaki
GS8-02	Photodynamic therapy for malignant brain tumors using talaporfin sodium	Jiro Akimoto
GS8-03	Investigator-initiated clinical trial of eribulin in patients with recurrent glioblastoma	Masamichi Takahashi
GS8-04	Phase I trial of temozolomide plus bevacizumab for newly diagnosed high-grade gliomas in the elderly patients over 75: Interim report	Hikaru Sasaki

GS8-05	Clinical significance of salvage surgery for recurrent IDH-mutant and 1p/19q-codeleted oligodendroglial tumor	Daisuke Kuga
GS8-06	Incidental low grade gliomas: Wait and See or Surgery	Kyunggi Cho
GS8-07	A systematic review of intramedullary spinal cord ependymoma and astrocytoma	Kirsty R Hamilton

12:10-13:10 Rapid reports 5

Clinical study

Moderators: Hikaru Sasaki, Japan
Youxin Zhou, China

RR5-01	Pre-surgical work-up and surgical management of low grade tumor/benign lesion related temporal lobe epilepsy	Rui Feng
RR5-02	Application of fluorescein sodium in the operation of glioma	Yiqun Cao
RR5-03	The Prognostic Improvement of Add-on Bevacizumab for Progressive Disease during Concomitant Temozolomide and Radiation Therapy in the Patients with Glioblastoma and Anaplastic Astrocytoma	Shigeru Yamaguchi
RR5-04	Use of Bevacizumab against malignant glioma cases at Tohoku University Hospital: Initial experience with 100 cases	Ryuta Saito
RR5-05	Histological analysis of glioblastoma tissue after carmustine wafer implantation	Ichiyo Shibahara
RR5-06	Repeated short-term Bevacizumab administration for glioblastoma	Tomoo Matsutani
RR5-07	Histopathological investigation of glioblastomas resected under or after bevacizumab treatment	Ryota Tamura
RR5-08	Add-on bevacizumab can prevent early clinical deterioration and prolong survival in newly diagnosed partially resected glioblastoma patients with a poor performance status	Nobuhiro Hata
RR5-09	Detection of MGMT promoter methylation levels with MS-HRM in patients with Glioblastoma	Shinji Yamashita

Poster

Poster Room, Knowledge Capital Congrès Convention Center, B2F, North Building, Grand Front Osaka

Sunday, October 29, 2017

17:00-18:00 Poster 1

P1-01	Novel function of glioma stem cells in tumor tissue remodeling: inducing host cells malignant transformation in tumor microenvironment	Chen Yanming
P1-02	Targeting transferrin receptor delivery of temozolomide for a potential glioma stem cell-mediated therapy	Ting Sun
P1-03	Downregulation of RNF138 gene suppressed proliferation, migration, invasion by regulating epithelial-mesenchymal transition, induces apoptosis of glioma cells	Haibin Wu
P1-04	ZR30 protein inhibits the glioma by targeting MMP2, EGFR, NOTCH1 and AKT signaling from the extracellular compartment of different glioma cell subpopulations of intracranial xenografts	Yanyan Li
P1-05	SALL4 suppresses PTEN expression to promote glioma cell proliferation via PI3K/AKT signaling pathway	Youxin Zhou
P1-06	Glioblastoma stem cells induce an invasive phenotype in normal astrocytes via extracellular vesicles	Susannah Hallal
P1-07	Global microRNA analysis in cerebrospinal fluid of glioblastoma patients	Pavel Fadrus
P1-08	Intracellular cholesterol positively regulates temozolomide-induced glioblastoma cell death.	Yutaro Yamamoto
P1-09	Development and characterization of a novel cell line drives from a fast growing recurrent glioma	Youxin Zhou
P1-10	LncRNA-ZNF281 influences the proliferation, invasion, and apoptosis of glioma cells by the regulation of MMP2 and VEGF both in vitro and in vivo	Yuan Hu
P1-11	ACTC1 as an Invasion and Prognosis Marker in Glioma	Masahiko Wanibuchi
P1-12	Rapid induction of glioblastoma stem cells by soft matter	Shinya Tanaka
P1-13	Temozolomide-loaded multifunctional Fe ₃ O ₄ magnetic nanoparticles as effective theranostic agents for NIR-light-mediated cancer therapy and imaging	Won Ho Cho
P1-14	Groping for the epigenetic regulation of gliomagenesis	Daisuke Ogawa
P1-15	Bevacizumab-induced normalization of tumor vasculature in glioblastoma	Norihiko Saito
P1-16	Fibroblast growth factor 13 regulates innate and bevacizumab-induced glioma cell invasion	Tomotsugu Ichikawa
P1-17	RAMBO (rapid antiangiogenesis mediated by oncolytic virus) decreased bevacizumab-induced glioma cell invasion	Yusuke Tomita
P1-18	δ -catenin modulates bevacizumab-induced glioma invasion	Toshihiko Shimizu

P1-19	Sonodynamic therapy using 220-kHz transcranial MRI-guided focused ultrasound and 5-aminolevulinic acid on malignant glioma cells	Michiharu Yoshida
P1-20	Discovering Surface Markers of Malignant Brain Tumor Using Oncopression	Kyuha Chong
P1-21	Vincristine inhibits angiogenesis in glioblastoma under hypoxia	Kyung-Jae Park
P1-22	A radiogenomic study of glioblastoma intratumor ecology	Chao Li
P1-23	Disrupting the CD forty-seven-SIRP α axis by delivery of anti-CD forty-seven monoclonal antibody induces antitumor effects in glioma cell and glioma stem cell	Feng Li
P1-24	Novel Ad-REIC vector with the super gene expression (SGE) system (Ad-SGE-REIC) as a promising therapeutic agent for malignant glioma	Atsuhito Uneda
P1-25	Targeted enzyme/drug delivery system for glioma using iPSC-derived NSCs by virus-free HSVtk gene transfer method	Tomohiro Yamasaki
P1-26	The study of stress level for glioma patient care-givers in Hong Kong	Yuk Fong Chan
P1-27	Palliative care for malignant glioma patients in Hong Kong	Claire Ka Yee Lau
P1-28	Experience with three cases of primary central nervous system B cell lymphoma with dual or triple expression of MYC and BCL2/BCL6	Keishi Makino
P1-29	Fluorescence-guided biopsy of primary central nervous system malignant lymphoma	Kazutoshi Yokoyama
P1-30	Preclinical and clinical efficacy of entrectinib in brain metastases harboring NTRK, ROS1, or ALK gene fusions	Reiko Nishiguchi
P1-31	Disastrous transtentorial herniation by intratumoral hemorrhage of the metastatic of the hepatocellular carcinoma: A case report	Choong Hyun Kim
P1-32	Direct evidence of the relationship between brain metastases of lung cancer and white matter fibers: a fiber dissection and DTI tractography study	Xiaoliang Liu
P1-33	Gamma Knife radiosurgery for multiple (4 or more) metastatic brain tumors	Sang Ryul Lee
P1-34	Radio-sensitivity enhancement with JNK inhibitor-incorporated nanoparticles in lung carcinoma cell-bearing brain tumor mouse model	Sa-Hoe Lim
P1-35	Inhibition of c-Jun N-terminal kinase activity enhances radio-sensitivity in lung cancer-bearing subcutaneous xenograft mouse model	Shin Jung
P1-36	Extensive Osteolytic and Meningocerebral Metastasis from Squamous cell Carcinoma of the Esophagus : A Case Report	Choong Hyun Kim
P1-37	Long-term outcomes of patients with brain metastases from esophageal squamous cell carcinoma: Prognostic factor and cause of death analysis	Xiaobing Jiang
P1-38	Aggressive removal of metastatic brain tumors for maintaining patients' performance status	Akhide Kondo
P1-39	Vasculogenic mimicry in brain metastasis of lung cancer	Zhongping Chen Chen
P1-40	Prognostic factors and survival outcomes of intracranial ependymoma treated with multimodality approach	Kunhiparambath Haresh
P1-41	Epidemiology of childhood brain tumors: a nationwide population-based study in Korea 2005-2014	Hyeon Jin Park

P1-42	Endocrine Abnormalities in Childhood Medulloblastoma Survivors	Nandini C Hazarika
P1-43	Outcome of primitive neuroectodermal tumor (CNS-PNET) - a retrospective analysis in a single institute	Yi Yen Lee
P1-44	Long-term follow-up and late complications in patients with intracranial germinoma	Naoyuki Ohe
P1-45	CBTTC: Empowering pediatric brain tumor research through collaboration	Payal Jain
P1-46	The outcome of 32 patients with conservatively treated pituitary apoplexy	Youngbeom Seo
P1-47	Role of Proton MRS in Differential Diagnosis of Suprasellar Tumors	Mikhail Chernov
P1-48	Impact of multimodal update navigation by combined use of intraoperative 3-tesla MRI and intraoperative mobile CT on endonasal endoscopic surgery: initial experience	Masahiro Tanji
P1-49		
P1-50	Clinical application of collagen fleece coated with fibrin sealant for transphenoidal surgery - Alternative methods of traditional methods for CSF leakage prevention	JINMO CHO
P1-51	Pituitary apoplexy mimicking acute ischemic stroke	Jae Min Ahn
P1-52	The method of locating the keypoint in the craniotomy of retrosigmoid keyhole approach	Minfeng Sheng
P1-53	The Clinical significance of MGMT Promoter Methylation Status in Patients with Glioblastoma: A Meta-analysis	Zhiqiang LI
P1-54	Differences of Temozolomide Therapy Response after Radiochemotherapy and Surgery in Glioblastoma Multiforme; Report of Two Cases	Djohan Ardiansyah
P1-55	A case of glioblastoma mimicking benign paroxysmal positional vertigo	Jae Hyeok Heo

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P2-01	Marked improvement of spinal dissemination and syringomyelia in a patient harboring epithelioid glioblastoma after combination treatment with BRAF mutant inhibitor and MEK inhibitor	Manabu Natsumeda
P2-02	A Phase III multi-center randomised Clinical Trial: Interferon- α combined with temozolomide compared with standard adjuvant temozolomide in newly diagnosed high-grade malignant glioma patients	Qunying Yang
P2-03	Prolonged Survival and Sustained Treatment Response in Two Recurrent Glioblastoma Patients Treated with Combined Nimotuzumab and Bevacizumab	Paul Vincent A. Opinaldo
P2-04	Efficacy and safety of metronomic procarbazine and temozolomide in the treatment of recurrent glioblastoma multiforme: a retrospective analysis	William Maish
P2-05	Adjuvant temozolomide chemotherapy for newly-diagnosed anaplastic oligodendrogliomas: preliminary results	Se-Hyuk Kim
P2-06	Analysis of molecular markers in Glioblastoma and correlation with survival pattern	Ishita Pant
P2-07	The clinical significance of cadherin-11 and fascin-1 protein expression in a newly diagnosed primary glioblastoma	Ki-Su Park
P2-08	Glial tumor with high vascular proliferation and high grade spindle cell sarcomatous differentiation : A Case Report	Saemin Kwon
P2-09	Maffucci Syndrome Complicated by Three Different Central Nervous System Tumors Sharing the Common IDH1 R132C Alterations. A Case Report and Literature Review.	Takahide Nejo
P2-10	Gene expression profiling reveals PDZ Binding Kinase as a novel biomarker in Peritumoral Brain Zone of Glioblastoma.	Kruthika B S
P2-11	SERPINA3: A biomarker associated with poor patient prognosis and tumour recurrence in glioblastoma	Vidya Prasad Nimbalkar
P2-12	Delayed toxicity of stereotactic radiotherapy in long surviving glioma patients	Tomoya Oishi
P2-13	Efficacy of the intraoperative photodynamic therapy using Photolon in patients with malignant brain tumors	Yong-Wan Kim
P2-14	Efficacy and safety of nimotuzumab in addition to radiotherapy and temozolomide for cerebral glioblastoma: a phase II multicenter clinical trial	Xiao-Jing Du
P2-15	Re-irradiation by combination of Boron Neutron Capture Therapy and IMRT for radiation-induced glioblastoma : a case report	Natsuko Kondo
P2-16	Misdiagnosis of malignant brain neoplasms as stroke: Case reports and literature review	Min Kyun Na
P2-17	Clinicopathological analysis and PET study in patients with thalamic and pontine glioma	Hirohito Yano
P2-18	Volumetric assessment of peritumoral edema : excellent tool for differential diagnosis of cerebral gliomas and solitary metastases.	Saemin Kwon

P2-19	Characteristics of time-activity curves obtained from dynamic ¹¹ C-methionine PET in common primary brain tumors	Yuichi Nomura
P2-20	Rapid progression of primary glioblastoma: Is this a true natural history?	Seon-Hwan Kim
P2-21	Usefulness of spinal MRI as screening examination for patients with intracranial glioma	Kenichiro Matsuda
P2-22	Usefulness of Thallium-201 SPECT / MRI fusion image in a qualitative diagnosis with astrocytic tumor patients	Noriyuki Nakayama
P2-23	Clinical Implication of Quantitative Radiogenomic Profile - Prediction for IDH1 mutation status	Min Ho Lee
P2-24	FMISO-PET/CT and expression of HIF-1 α and VEGF	Shinya Tokunaga
P2-25	Dissociation in the longitudinal radiological changes of GBM after postoperative radiotherapy between Gd-MRI and MET-PET	Tomohiro Kawasaki
P2-26	Accuracy and safety of frameless image-guided stereotactic intracranial biopsy technique	Sosuke Sumiyoshi
P2-27	5-Aminolevulinic Acid Fluorescence Guided Resection of Malignant Glioma: Hong Kong Experience	Sonia Yi-Pin Hsieh
P2-28	Awake craniotomy with intraoperative stimulation for resection of potentially "eloquent" glioma	Sonia Y.P Hsieh
P2-29	Usefulness of intraoperative MRI during glioma surgery with preoperative PET scans	Keisuke Miyake
P2-30	Gliosarcoma of cerebello-pontine angle : a case report	Hyuk-Jin Oh
P2-31	High-grade glial tumor with Rt. mastoid bone metastasis : A case report	Saemin Kwon
P2-32	Association of extent of resection with survival based on different judgement criteria: Is T2 better than contrast-enhancing T1	Haihui Jiang
P2-33	The changes of health-related quality of life, cognitive function and activity of daily living after 6 months of intensive treatment in high grade glioma patients in Hong Kong	Susanna SM Fook
P2-34	Risk Factors of Preoperative Seizures and Predictors of Late Postoperative Seizures in Patients with Meningioma	Chae-Yong Kim
P2-35	Descriptive Epidemiology of Meningioma Patients Undergoing Surgery: A Single-Center Study of 306 Cases	Alphadenti Harlyjoy
P2-36	A novel weighted scoring system for estimating the risk of rapid growth in untreated intracranial meningiomas	Jeong Hoon Kim
P2-37	Leptomeningeal metastasis from solid tumors: clinical features and its diagnostic implication	Zhenyu Pan
P2-38	Clinical outcomes of intracranial solitary fibrous tumor and hemangiopericytoma: Analysis according to the 2016 CNS WHO classification	Byung Sup Kim
P2-39	Mitotic count and male gender are predictors of radiological recurrence after surgical excision of meningioma	Tai Chung Lam

P2-40	Gamma knife radiosurgery for residual or recurrent intracranial hemangiopericytomas	Byung Sup Kim
P2-41	Early volumetric variations in intracranial meningioma after linear accelerator-based radiation therapy	Min Kyun Na
P2-42	Predictors of posttreatment edema in patient treated with hypofractionated stereotactic radiosurgery using CyberKnife	Sung Kwon Kim
P2-43	Seizures in Patients with Newly Diagnosed Intracranial Meningiomas may be Predictive for Invasive Tumor Growth	Mikhail Chernov
P2-44	Rare Meningiomas with Extracranial Extension: Secondary sinonasal meningioma: A Case Report	Renindra Ananda Aman
P2-45	Recurred trigeminal neuralgia associated with petrous meningioma after Gamma Knife Surgery	JEONG-TAIK KWON
P2-46	Cranio-cervical Hemangiopericytoma - Local Recurrence and Distant Metastases	Chengde Pham
P2-47	Intracranial granular cell tumor in petroclival area	Kyoung Su Sung
P2-48	Molecular investigation of brain tumors progressing during pregnancy or postpartum period	Saeko Hayashi
P2-49	Primary spinal cord Ewing's sarcoma in a 50-year-old woman: a case report	Satoshi Takahashi
P2-50	Immunohistochemical analysis of cell adhesion molecules on central neurocytoma	Yamato Nakamura
P2-51	Clinicians View and Practice Pattern on the use of Stereotactic Radiosurgery (SRS) in Brain Metastases: A Survey among Indian Radiation Oncologists.	Kazi Manir
P2-52	Endolymphatic sac tumor metastatic to spine: Extremely rare case	EUIKYO SEO
P2-53	Impact of PCR based molecular analysis in daily diagnosis for the patient with gliomas	Kiyotaka Yokogami
P2-54	Dandy-Walker syndrome associated with syringomyelia in an adult: A case report and Discussion	Nan Zhang