

**June 14****Room 1****8:30-9:45 Symposium 10****Genome Medicine**

Chairpersons: **Akitake Mukasa** (Department of Neurosurgery, Kumamoto University)  
**Young-Zoon Kim** (Department of Neurosurgery, Sungkyunkwan University)

**ASY10-1 Multiregional surgical sampling maps origins in glioblastoma and IDH mutant glioma and meningioma****Seok-Gu Kang**

Department of Neurosurgery, Brain Tumor Center, Severance Hospital, Yonsei University College of Medicine / Brain Tumor Translational Research Lab, Department of Biomedical Sciences, Yonsei University College of Medicine

**ASY10-2 Current Status and Future of Cancer Genomic Medicine for Malignant Brain Tumors in Japan [Keynote Lecture]****Masamichi Takahashi**

Department of Neurosurgery, Tokai University

**ASY10-3 Molecular & Developmental Features of CNS Germ Cell Tumors by Whole Genome and Long Read Sequencing****Hirokazu Takami**

Department of Neurosurgery, The University of Tokyo

**ASY10-4 Unravel the role of RNA modification in H3K27-altered diffuse midline glioma****Daichi Hagita**

Department of Pediatrics, University of Alabama at Birmingham / Department of Neurosurgery, National Defense Medical College

**ASY10-5 GAS6 Confers a Starvation-Dependent Proliferative Advantage in RNF213-Deficient Medulloblastoma****Yohei Mineharu**

Department of Neurosurgery, Kyoto University / Department of Digital Transformation (DX) in Healthcare and Medicine, Kyoto University Graduate School of Medicine

**9:55-10:55 Coffee Break Seminar 4****Recent Trends and Practical Approaches to Hemostasis in Neurosurgery**

Chairperson: **Naoya Hashimoto** (Kyoto Prefectural University of Medicine)

**ACB4-1 Strategic Tumor Embolization for Meningiomas: From Maximal Devascularization to Safety-First Embolization****Tomoya Kamide**

Department of Neurosurgery, Kanazawa University

**ACB4-2 Tips and Management for Bleeding Prevention and Hemostasis in Exoscopic and Endoscopic Surgery****Kazuhiko Kurozumi**

Department of Neurosurgery, Hamamatsu University School of Medicine

Co-Sponsored by: **Johnson & Johnson K.K.**

**11:00-11:45 Symposium 12**

**Novel Therapy 2**

Chairpersons: **Masamichi Takahashi** (Department of Neurosurgery, Tokai University)  
**Kuo-Chen Wei** (Department of neurosurgery , Chang Gung Memorial Hospital, Taiwan)

**ASY12-1 Recasting the Tumor Matrix as Therapeutic Anchor: Collagen-Binding IL-12 for Recurrent Glioblastoma [Keynote Lecture]**

**Satoru Osuka**  
Department of Neurosurgery, University of Alabama at Birmingham

**ASY12-2 A craniopharyngioma organoid model as a tool for identifying novel therapeutic targets**

**Fumiharu Ohka**  
Department of Neurosurgery, Nagoya University Graduate School of Medicine

**ASY12-3 Oncolytic virus M1 reinvigorates T cell immunity against GBM via B cell-dependent cross-presentation**

**Yu Han**  
Department of Neurosurgery, Sun Yat-sen University Cancer Center

**Room 2**

**8:30-9:45 Symposium 11**

**Surgical Management**

Chairpersons: **Tatsuya Abe** (Department of Neurosurgery, Saga University)  
**Pin-Yuan Chen** (Department of Neurosurgery , Chang Gung Memorial Hospital Keelung Branch)

**ASY11-1 Integration of science and art in treatment of meningiomas in the era of molecular classification [Keynote Lecture]**

**Soichi Oya**  
Department of Neurosurgery, Gunma University Graduate School of Medicine

**ASY11-2 Refined Temporal-to-Frontal-Horn Shunting for Trapped Temporal Horn Long-term Outcomes in 53 Cases**

**Xiaohui Ren**  
Department of Neurosurgery, Beijing Tiantan Hospital, Capital Medical University / Beijing Neurological Institute, Capital Medical University / National Clinical Research Center for Neurological Diseases, Center of Brain Tumor, Beijing Institute for Brain Disorders and Beijing Key Laboratory of Brain Tumor

**ASY11-3 Impact of Pial Arterial Supply on Outcomes of Non-Skull Base Meningiomas after Embolization**

**Tomoya Kamide**  
Department of Neurosurgery, Kanazawa University

**ASY11-4 The Association of feeding artery origin with distinct genetic alteration in WHO grade 2 meningiomas**

**Kyeong Soo Cho**  
Department of Neurosurgery, Samsung Changwon Hospital, Sungkyunkwan University

**ASY11-5 Surgical Management of Brain Tumors in Taiwan: A Five-Year Descriptive Analysis.**

**Pin-Yuan Chen**  
Department of Neurosurgery, Center Chang Gung Memorial Hospital Keelung branch

**9:50-10:50 Oral presentation 5**

**AI in Neuro-Oncology**

Chairpersons: **Manabu Kinoshita** (Department of Neurosurgery, Asahikawa Medical University)  
**Jinsong Wu** (Department of Neurosurgery, Huashan Hospital, Fudan University)

**AO5-1 Digital and Intelligent pathology application in PitNETs**

**Nidan Qiao**  
Huashan Hospital Fudan University

**AO5-2 Customised PRO-CTCAE Scale for Adult-type Diffuse Gliomas**

**Jinsong Wu**  
Department of Neurosurgery, Huashan Hospital, Shanghai Medical College, Fudan University

**AO5-3 AI-Based Intratumoral Susceptibility Signal Quantification for Stereotactic Brain Biopsy**

**Masahiro Tanji**  
Department of Neurosurgery, Kyoto University

**AO5-4 Diagnostic accuracy of AI powered by ML in differentiating WHO grade I and II meningiomas**

**Fahad B Albadr**  
Department of Radiology and Medical Imaging, King Saud University Medical City

**AO5-5 Integrating Gliomap: AI-driven Visualization for Primary Glioblastoma into Osirix MD**

**Manabu Kinoshita**  
Department of Neurosurgery, Asahikawa Medical University

**AO5-6 An LLM as a virtual simulation model for language-eloquent area surgery in human**

**Sun Mo Nam**  
Department of Neurosurgery, Seoul National University's Hospital

**11:00-12:00 Coffee Break Seminar 5**

**The Cutting Edge of Brain Tumor Surgery in Japan:  
Standardizing Excellence in Tumor Resection and Dural Repair**

Chairperson: **Manabu Kinoshita** (Department of Neurosurgery, Asahikawa Medical University)

**ACB5-1 Effective Use of CUSA Clarity in the Resection of Benign Skull Base Tumors**

**Soichi Oya**  
Department of Neurosurgery, Gunma University Graduate School of Medicine

**ACB5-2 Diffuse Low-Grade Glioma Surgery: Challenges in Awake Surgery and Intraoperative MRI**

**Masazumi Fujii**  
Department of Neurosurgery, Fukushima Medical University

Co-Sponsored by: **Integra Japan**

## Room 3

## 8:50-10:10 Oral presentation 4

**Glioma: Clinical Analysis & Research**

Chairpersons: **Hikaru Sasaki** (Department of Neurosurgery, International University of Health and Welfare)  
**Takashi Komori** (Department of Laboratory Medicine and Pathology, TMG Asaka Medical Center)  
**Peter YM Woo** (Department of Neurosurgery, The Hong Kong Neuro-oncology Society (HKNOS) The Chinese University of Hong Kong)

**AO4-1 Managing Intracranial Incidental FLAIR-hyperintense lesions Suggestive of Low-Grade Glioma**

**Naoya Hashimoto**

Department of Neurosurgery, Kyoto Prefectural University of Medicine

**AO4-2 Limited Somatosensory Reorganization in Patients with Gliomas**

**Keijiro Shomura**

Department of Neurosurgery, Kanazawa University

**AO4-3 Progression Patterns in Anlotinib-Treated Recurrent Glioblastoma**

**Liang Wang**

Department of Neurosurgery, Air Force Medical University, Tangdu Hospital

**AO4-4 Immunological microenvironment in paired samples from glioblastoma before & after TTFIELDS therapy**

**Toshihide Tanaka**

Department of Neurosurgery, The Jikei University School of Medicine / Department of Neurosurgery, The Jikei University School of Medicine Kashiwa Hospital

**AO4-5 Clinical and Survival Outcomes: Molecular vs Histological IDH-Wildtype GBM**

**Kwan Chun Chan**

Department of Neurosurgery, Queen Elizabeth Hospital

**AO4-6 Nationwide registry-based analysis of initial surgery for newly diagnosed glioblastoma in Japan**

**Toshihiro Kumabe**

Department of Neurosurgery, Kitasato University School of Medicine

**AO4-7 Clinical Characteristics and Outcomes of Pediatric Diffuse High-Grade Gliomas in Japan**

**Yoshiki Arakawa**

Kyoto University Graduate School of Medicine

**AO4-8 Multimodal Treatments in Grade 2/3 Glioma: From Network Meta-Analysis to Real-World Observation**

**Pin-Yuan Chen**

Department of Neurosurgery, Center Chang Gung Memorial Hospital Keelung branch

**10:30-12:00 Special Session 2**

**Patient Track**

Chairpersons: **Norihiko Saito** (Department of Neurosurgery, Toho University Ohashi Medical Center)  
**Peter YM Woo** (Department of Neurosurgery, The Hong Kong Neuro-oncology Society (HKNOS) The Chinese University of Hong Kong)  
**Zarnie Lwin** (Medical Oncology, University of Queensland)

Interpreter: **Takuya Akai** (Department of Neurosurgery, Kanazawa Neurosurgical Hospital)

Presenter:

**Pathological diagnosis of brain tumors and its role**

**Takashi Komori** (Department of Laboratory Medicine and Pathology, TMG Asaka Medical Center)

**My individuality” is created by the brain.**

**Riho Nakajima** (Department of Occupational therapy, Faculty of Health Science, Institute of Medical, Pharmaceutical and Health Sciences, Kanazawa University)

**Hope in Adversity, Strength in Community**

**Melissa Lim** (President, Brain Tumour Society (Singapore) / Asia Pacific Brain Tumour Alliance)

**Building Bridging Between Healthcare, Patients, and Families: 20 Years of the Japan Brain Tumor Alliance (JBTA) and the Future of Co-Creation**

**Laureline Gatellier** (President, Japan Brain Tumor Alliance NPO)

**What was preserved through awake surgery, and what was lost through awake surgery.**

**Yuki Sakuragi**

Patient: **Miki Cho**

**Tsuyoshi Takanaka**

Patient family: **Naomichi Hamano**

**Exhibition & Poster Venue**

**9:30-10:10 Poster presentation 32**

**Basic Research: Other Tumors 1**

Chairperson: **Noriyuki Kijima** (Department of Neurosurgery, The University of Osaka)

**AP32-1 Platelet-derived growth factor receptor-beta in cystic pituitary neuroendocrine tumors**

**Iuliia Gorodskaja**

Department of Neurosurgery, Kanazawa University

**AP32-2 PLK4 inhibition in-vitro promotes G2/M arrest, apoptotic cell death in SHH-ATRT and TYR-ATRT tumors**

**Yuemin Celina Chee**

Pediatric Brain Tumor Research Office, and The Laboratory of Pediatric Brain Tumor Research Office, Singhealth-Duke-NUS Academic Medical Center

**AP32-3 Glutamine Inhibition Induces Epigenetic Differentiation of Atypical Teratoid Rhabdoid Tumors**

**Satoshi Nakata**

Department of Neurosurgery, Gunma University Hospital, Gunma, Japan / Department of Oncology, Johns Hopkins University School of Medicine, Baltimore, MD, USA

**AP32-4 BMP2/SMAD/ID Axis as a Key Driver of Aggressive Biology in Yolk Sac Tumors**

**Kuo-Sheng Wu**

Graduate Institute of Clinical Medicine, Taipei Medical University

**AP32-5 Caspase-4 promotes radioresistance by regulating nuclear-actin mediated DNA repair**

**Shohei Nagasaka**

Department of Neurosurgery, University of Occupational and Environmental Health, Japan / Department of Molecular Biology, University of Occupational and Environmental Health, Japan

**9:30-10:02 Poster presentation 33**

**Clinical Research: Glioma 8**

Chairperson: **Masayuki Kanamori** (Neurosurgery, Tohoku University)

**AP33-1 Clinical Impact of ACNU Based Chemotherapy: Long Term Outcomes in Oligodendroglioma**

**Nobuhiro Hata**

Department of Neurosurgery, Oita University Faculty of Medicine

**AP33-2 High-Resolution Transcranial Ultrasound for Tumor-Related Hydrocephalus in Pediatric Patients**

**Zhiyan Kou**

Department of Neurosurgery, Beijing Tsinghua Changgung Hospital, School of Clinical Medicine, Tsinghua University

**AP33-3 The Impact of Molecular Genetic Analysis on Glioma Diagnosis: Integration with Histopathology**

**Yoshiki Shiba**

Department of Neurosurgery, Nagoya University Graduate School of Medicine

**AP33-4 Biological Drivers and Therapeutic Vulnerabilities of *CDKN2A* Deleted IDH Mutant Astrocytomas**

**Hyesoo Lee**

Bill Walsh Translational Cancer Research Laboratory, Kolling Institute, Royal North Shore Hospital, Sydney

**9:30-10:10 Poster presentation 34**

**Function / QoL / Patient Care 1**

Chairperson: **Takahiro Yamamoto** (Department of Neurosurgery, Kumamoto University)

**AP34-1 Compensatory changes in cortical localization of visuospatial cognition in patients with gliomas**

**Riho Nakajima**

Department of Occupational therapy, Faculty of Health Science, Institute of Medical, Pharmaceutical and Health Sciences, Kanazawa University

**AP34-2 Preoperative Risk Scoring System for Cerebellar Mutism**

**Juan Li**

Department of Oncology,Guangdong Sanjiu Brain Hospital

**AP34-3 Identification of Negative Motor Network During Awake Surgery for Frontal Lobe Gliomas**

**Kosuke Nakajo**

Department of Neurosurgery, Osaka Metropolitan University

**AP34-4 Cognitive Impairment in Patients with Primary Central Nervous System Lymphoma (PCNSL): A Case Series**

**Devi Septiani Lestari**

Department of Neurology, Diponegoro University

**AP34-5 Dosimetric Impacts on Height After Radiotherapy for Intracranial NGGCTs**

**Juan Li**

Department of Oncology,Guangdong Sanjiu Brain Hospital

**9:30-10:02 Poster presentation 35**

**Function / QoL / Patient Care 2**

Chairperson: **Masashi Kinoshita** (Department of Neurosurgery, Kanazawa University)

- AP35-1 Caregiver Needs at the Time of GBM Diagnosis: Insights from a Caregiver Program**  
**Cherrie Demayo**  
 Department of Neurological Surgery, University of California, San Francisco
- AP35-2 Practical Multidisciplinary Support for Glioma Survivors and Caregivers**  
**Norihiko Saito**  
 Department of Neurosurgery, Toho University Ohashi Medical Center
- AP35-3 Ten-Year Inpatient Outcomes of Brain Tumor Care at a Private Neurosurgical Hospital in Cambodia**  
**Evarith Khim**  
 Department of Neurosurgery, Sunrise Japan Hospital Phnom Penh
- AP35-4 Cultural and Clinical Validation of Cancer Pain in Indonesian KASRP among Neuro-Oncology Experts**  
**Tiara Aninditha**  
 Department of Neurology, Faculty of Medicine, Universitas Indonesia, Dr. Cipto Mangunkusumo Hospital

**9:30-10:10 Poster presentation 36**

**Pituitary Tumors**

Chairperson: **Yasuhiko Hayashi** (Department of Neurosurgery, Kanazawa Medical University)

- AP36-1 Pre-surgical classification for strategic treatment of the pituitary tumor**  
**Jiun-Lin Yan**  
 Department of Neurosurgery, Keelung Chang Gung Memorial Hospital
- AP36-2 Learning Curve of EES for PitNETs: An Exploratory Analysis of Additional Resection after iMRI**  
**Shinya Torimaki**  
 Department of Neurosurgery, Kyoto University Hospital
- AP36-3 Evaluation of Pituitary Function After Pituitary Transposition via Endoscopic Endonasal Approach**  
**Rui Omichi**  
 Department of Neurosurgery, Osaka Metropolitan University
- AP36-4 Endoscopic Endonasal Approach for Clival Tumors: A Systematic Review**  
**Muhammad Teguh Irianto**  
 Division of Neurosurgery, Department of Surgery, Faculty of Medicine, Public Health, and Nursing Universitas Gadjah Mada, Yogyakarta
- AP36-5 Long-term control of a refractory craniopharyngioma using BRAF and MEK inhibitors: A case report**  
**Yuma Takase**  
 Department of Neurosurgery, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama, Japan

**9:30-10:10 Poster presentation 37**

**Case Report / Rare Case Series 3**

Chairperson: **Atsushi Kambe** (Department of Brain and Neurosciences, Division of Neurosurgery, Tottori University)

**AP37-1 A Case of Oncologic Emergency on Remote Island Rescued by Teleradiology and Helicopter Coordination**

**Yoshihiro Goto**

Department of Neurosurgery, Nagasaki Medical Center / Department of Neurosurgery, Nagasaki University Hospital

**AP37-2 TROUSSEAU SYNDROME-RELATED CEREBRAL INFARCTIONS AS INITIAL PRESENTATION OF CUL-DE-SAC MALIGNANCY**

**Roma Josefina Gatmaitan Manalili**

Department of Internal Medicine

**AP37-3 Long-term outcome of Neuroepithelial tumor with MN1-PATZ1 fusion in a 5-year-old girl: A case report**

**Ko Ozaki**

Department of Neurological Surgery, Chiba University Graduate School of Medicine

**AP37-4 Extra-articular tenosynovial giant cell tumor of diffuse type with brain parenchymal invasion**

**Young Seok Park**

Department of Neurosurgery, Chungbuk National University, Cheongju Korea

**AP37-5 Two cases of primary central nervous system lymphoma with nasal cavity relapse**

**Haruka Kawamoto**

Faculty of Medicine, Okayama University

**9:30-9:54 Poster presentation 38**

**Surgical management 3**

Chairperson: **Shoichi Deguchi** (Department of neurosurgery, Nagoya university)

**AP38-1 Fully Endoscopic Supracerebellar Transtentorial Approach for Mediobasal Temporal Lesions**

**Chiman Jeon**

Department of Neurosurgery, Brain Tumor Center, Hallym University Sacred Heart Hospital, Hallym University College of Medicine

**AP38-2 Clinical Roles and Limitations of the 3D 4K Exoscope in Brain Tumor Surgery**

**Toshihiro Ogiwara**

Department of Neurosurgery, Kanazawa Medical University

**AP38-3 Clinical Utility of Stereotactic Biopsy for Diffuse Intrinsic Pontine Glioma (DIPG)**

**Etsuko Hattori-Yamamoto**

Department of Neurosurgery, Kyoto University

**10:30-11:02 Poster presentation 39**

**Basic Research: Other Tumors 2**

Chairperson: **Arata Tomiyama** (Department of Neurosurgery, National Defense Medical College)

**AP39-1 PLA2G15 Mediates Bone Destruction in Recurrent Skull Base Chordoma via Lipid Metabolic Reprogramming**

**Guanjie Shang**

Department of Neurosurgery, Capital University

- AP39-2 Boron distribution after high-dose methotrexate to assess BNCT feasibility for PCNSL**  
**Rina Shidoh-Kazuki**  
 Department of Neurosurgery, Osaka Medical and Pharmaceutical University
- AP39-3 Organoid-Based Evaluation of Therapeutic Responses in Atypical Choroid Plexus Papilloma**  
**Sachi Maeda**  
 Department of Neurosurgery, Graduate School of Medicine, Nagoya University
- AP39-4 CEP-1347 Boosts Chk2-Mediated p53 Activation by Ionizing Radiation in Malignant Brain Tumor Cells**  
**Yuta Mitobe**  
 Department of Neurosurgery, School of Medicine, Yamagata University

**10:30-11:10 Poster presentation 40**

**Clinical Research: Glioma 9**

Chairperson: **Satoru Miyawaki** (Department of Neurosurgery, The University of Tokyo)

- AP40-1 Early postoperative FLAIR volume reduction after GTR predicts overall survival in GBM**  
**Takuma Aoki**  
 Department of Neurosurgery and Neuro-oncology, National Cancer Center Hospital
- AP40-2 Bevacizumab-Induced Hypertension Predicts Survival Benefit in Glioblastoma Patients: A Meta-Analysis**  
**Irfan Kesumayadi**  
 Division of Neurosurgery, Department of Neurosciences, Tottori University
- AP40-3 Limited tumour-blood concordance within Hong Kong treatment-naive glioblastoma**  
**Dexter Wing Lun Lee**  
 Department of Clinical Oncology, School of Clinical Medicine, Li Ka Shing Faculty of Medicine, The University of Hong Kong
- AP40-4 Indications for shunt placement in communicating hydrocephalus associated with high-grade glioma**  
**Koji Saito**  
 Department of Neurosurgery and Neuro-Oncology, National Cancer Center Hospital
- AP40-5 Age-stratified outcomes in elderly glioblastoma patients: A single-institution retrospective study**  
**Tomoo Matsutani**  
 Department of Neurological Surgery, Chiba University Graduate School of Medicine

**10:30-11:10 Poster presentation 41**

**CNS Metastasis 3**

Chairperson: **Koichi Mitsuya** (Division of Neurosurgery, Shizuoka Cancer Center)

- AP41-1 Brain metastasis with subtype conversion in a patient with male breast cancer**  
**Young Seok Park**  
 Department of Neurosurgery, Chungbuk National University, Cheongju Korea
- AP41-2 A Preoperative Scoring System for Survival Prediction in Brain Metastases Surgery**  
**Shohei Yokoyama**  
 Department of neurosurgery, Nara Medical University
- AP41-3 Brain metastasis from urothelial carcinoma: illustrative case and literature review**  
**Victor Ka Ho Hui**  
 Department of Neurosurgery, Prince of Wales Hospital

**AP41-4 CLINICAL PROFILE OF CEREBRAL METASTASES FROM PRIMARY LUNG CARCINOMA: A COHORT STUDY AT DR. KARIADI**

**Yulia Naila Karima**

Neurology Department, Medical Faculty of Diponegoro University

**AP41-5 Stereotactic Radiosurgery to the Postoperative Cavity After Resection of Brain Metastases**

**Youngbeom Seo**

Department of Neurosurgery, Korea University Ansan Hospital

**10:30-11:02 Poster presentation 42**

**Spine**

Chairperson: **Ryosuke Matsuda** (Department of Neurosurgery, Kansai Medical University)

**AP42-1 Spinal Rhabdomyosarcoma in a Pediatric Patient with Prior Lipomyelocystocele**

**Hsin-Yi Huang**

Department of Pathology, National Taiwan University Hospital

**AP42-2 DIAGNOSTIC CHALLENGE IN PEDIATRIC SPINAL CORD COMPRESSION WITH MACRODYSTROPHIA LIPOMATOSA**

**Megawati Megawati**

Resident in Neurology Department Medical faculty of Diponegoro University/Central General Hospital of Kariadi Semarang, Indonesia

**AP42-3 Pediatric spinal pilocytic astrocytoma mimicking granular cell tumor confirmed by BRAF fusion**

**Yuka Ogawa**

Department of Neurosurgery, Nagasaki University

**AP42-4 Dicain Gel and Psychological Intervention Reduces Pain and Fear in Pediatric Lumbar Puncture**

**Shao Qun Li**

Department of Oncology, Guangdong Sanjiu Brain Hospital

**10:30-11:02 Poster presentation 43**

**Meningioma 3**

Chairperson: **Jun Muto** (Department of Neurosurgery, Fujita Health University)

**AP43-1 Comprehensive Genomic Analysis of Recurrent Meningiomas**

**Satoru Miyawaki**

Department of Neurosurgery, The University of Tokyo

**AP43-2 SKULL BASE TUMORS CHARACTERISTICS AT DR. KARIADI TERTIARY REFERRAL HOSPITAL IN INDONESIA**

**Fatikha Nurul Inayah**

Department of Neurology, Medical Faculty of Diponegoro University

**AP43-3 Clinically Applicable Molecular Grading of Meningiomas Defined by an Exome-Sequencing-Based Grading**

**Yu Sakai**

Department of Neurosurgery, Faculty of Medicine, the University of Tokyo

**AP43-4 Remarkable Response to Pazopanib in Lung Metastases from Anaplastic Meningioma: A Case Report**

**Yusuke Takeishi**

Department of Neurosurgery, Hiroshima University

**10:30-11:02 Poster presentation 44**

**Clinical Research: Other Tumors**

Chairperson: **Yohei Mineharu** (Department of Neurosurgery, Kyoto University)

- AP44-1 EZH2, CD44 and ALK expression in Medulloblastoma: correlation with molecular subgroups in 50 cases**  
**Surabhi Arun Vidhale**  
 Department of Surgical Pathology, ACTREC, Tata memorial Centre
- AP44-2 Problems of long-term surviving pediatric medulloblastoma patients**  
**Naoyuki Ohe**  
 Department of Neurosurgery, Gifu University
- AP44-3 Analysis of factors associated with preoperative dysgeusia in patients with vestibular schwannoma**  
**Marina Izumi**  
 Department of Neurosurgery, Kanazawa University
- AP44-4 Morphology-Based Treatment Response of CNS Hemangioblastomas to Belzutifan**  
**Noritaka Sano**  
 Department of Neurosurgery, Kyoto University Hospital / VHL disease center, Kyoto University Hospital
- AP44-5 Withdrawn**

**10:30-11:10 Poster presentation 45**

**Neuroimaging / AI 4**

Chairperson: **Hiroataka Hasegawa** (Department of Neurosurgery, Saitama Medical Center, Saitama Medical University )

- AP45-1 Shared Decision Making and Artificial Intelligence in Benign Brain Tumor Consultations**  
**Ying-Yun Chen**  
 Department of Neurosurgery, Keelung Chang Gung Memorial Hospital
- AP45-2 Quantitative Analysis of Spatial Redistribution and Directionality of Glioblastoma Recurrence**  
**Takeshi Shimizu**  
 Department of Neurosurgery, Asahikawa Medical University / Department of Neurosurgery, The University of Osaka Graduate School of Medicine
- AP45-3 Imaging Differentiation of Solitary Fibrous Tumor and Meningioma Using the T2 Hyperintensity Rim**  
**Novita Ikbar Khairunnisa**  
 Department of Neurosurgery, Hiroshima University
- AP45-4 MR findings for diagnosis of recurrent tumors vs radiation induced secondary tumors**  
**Feng-Chi Chang**  
 Division of Neuroradiology, Department of Radiology, Taipei Veterans General Hospital & National Yang Ming Chiao Tung University, Taipei, Taiwan
- AP45-5 Automated meningioma detection with deep learning and machine learning classifiers**  
**Seung Ho Yang**  
 Department of Neurosurgery, The Catholic University of Korea