

September 26. (Wed) Room 2 (Hana C 4F)

14:00~15:00 **Sponsored Seminar**

Chair : Department of Neurosurgery, Kyorin University Faculty of Medicine
Motoo Nagane

SS TTFields for Glioblastoma: From Cell Biology to Clinical Applications
Brain Tumor Center & Neuro-Oncology Unit, Harvard Medical School
Beth Israel Deaconess Medical Center **Eric T. Wong**

Sponsored by NOVOCURE LTD.

September 26. (Wed) Room 3 (Hana D 4F)

8:50~9:20 **BTP Japanese Oral 6 髄膜腫・下垂体・胚腫ほか**
座長： 北里大学メディカルセンター 脳神経外科 **岡 秀宏**
自治医科大学とちぎ子ども医療センター 小児脳神経外科 **五味 玲**

- J06-1 髄膜腫におけるチロシンキナーゼ受容体発現と再発再増大との臨床病理学的解析
金沢医科大学医学部 臨床病理学 **中田 聡子** Nakada Satoko
- J06-2 鞍上部クモ膜嚢胞を合併し視野障害で発症した下垂体腺腫
- 下垂体腺腫に合併した嚢胞性病変の診断と治療 -
金沢医科大学 脳神経外科 **立花 修** Tachibana Osamu
- J06-3 頭蓋内Germinomaにおける腫瘍免疫機構関連因子の検討
慶應義塾大学医学部 脳神経外科 **西本 真章** Nishimoto Masaaki
- J06-4 c-kit expression negativeのgerminomatous componentは要注意
東京女子医科大学 脳神経外科 **千葉謙太郎** Chiba Kentaro

9:20~9:55 **BTP Japanese Oral 7 小児腫瘍**
座長： 高知大学医学部 脳神経外科 **上羽 哲也**
国立病院機構 仙台医療センター 臨床検査科 **鈴木 博義**

- J07-1 SHH type TP53 mutatedの患者サンプルから樹立した2種類の安定細胞株
宮崎大学医学部 臨床神経科学講座 脳神経外科学分野
横上 聖貴 Yokogami Kiyotaka
- J07-2 AT/RTはどこまで解明されるようになったか? 概念提唱から20年の変遷
北里大学メディカルセンター 脳神経外科学/北里大学医学部 脳神経外科学/
メイヨークリニック 病理 **岡 秀宏** Oka Hidehiro
- J07-3 病理所見からみた頭蓋骨単独ランゲルハンス細胞組織球症の手術法
自治医科大学とちぎ子ども医療センター 小児脳神経外科 **五味 玲** Gomi Akira
- J07-4 原始神経外胚葉性腫瘍とされた腫瘍群の新分類に基づいた検討
順天堂大学医学部 脳神経外科 **鈴木まりお** Suzuki Mario
- J07-5 H3K27me3を用いたgroupA とgroupB posterior fossa ependymoma
(PFA、PFB) の臨床像の相違についての検討
広島大学大学院医歯薬保健学研究科 脳神経外科学 **米澤 潮** Yonezawa Ushio

10:10~10:45 Oral 10 Molecular markers

Chairs : Department of Neurosurgery, Brain Research Institute, Niigata University

Yukihiko Fujii

Departments of Neurosurgery, Faculty of Medicine, University of Tsukuba

Eiichi Ishikawa

010-1 Expression of GLUT1 on pseudopalisading cells and perivascular tumor cells: an independent prognostic factor of patients with glioblastomas

Department of Pathology, Kurume University School of Medicine,
Kurume, Japan **Satoru Komaki**

010-2 Oncogene addiction switch from NOTCH to PI3K/AKT require simultaneous targeting of NOTCH and PI3K pathway inhibition in glioblastoma

Department of Neurosurgery, Toho University Ohashi Medical Center
Norihiko Saito

010-3 Development of a novel FISH probe for detection of 1p/19q codeletion in routine glioma diagnosis

Department of Pathology and Clinical Laboratories,
National Cancer Center Hospital, Tokyo, Japan **Kaishi Satomi**

010-4 BCL2 expression is associated with a poor prognosis independent of cellular origin in primary central nervous system diffuse large B-cell lymphoma

Department of Neurosurgery, Kumamoto University, Kumamoto, Japan
Keishi Makino

010-5 Serum IL-2 receptor and random skin biopsy for intravascular large B-cell lymphoma - cases with central nervous system involvement are particular for these diagnostic methods ? -

Departments of 1 Neurosurgery, Faculty of Medicine, University of Tsukuba
Eiichi Ishikawa

10:45~11:20

Oral 12

Lymphoma and other malignant tumors

Chairs : Department of Neurosurgery / Pituitary & Endoscopic Surgery Center,
Teikyo University School of Medicine **Akira Matsuno**

Department of Neurosurgery, Graduate School of Medicine, University of the Ryukyus
Shogo Ishiuchi

012-1 Novel patient-derived primary central nervous system lymphoma
xenograft models to exploit therapeutic target

Department of Neurosurgery, Yokohama City University, Yokohama, Japan
Yohei Miyake

012-2 Clinicopathological study of diffuse large B-cell lymphoma associated
with chronic inflammation arising in the CNS

Department of Pathology, University of Kurume, Kurume, Japan
Yasuo Sugita

012-3 HMGA2 is a prognostic factor associated with malignant phenotype in
medulloblastoma

Department of Neurosurgery, Kyoto University Graduate School of Medicine,
Kyoto, Japan **Yoshiki Arakawa**

012-4 The correlation of fluorescence of protoporphyrinogen 9 and molecular
biological characters in gliomas

Department of Neurosurgery, Fujita Health University **Shigeo Ohba**

012-5 Clinical features of supratentorial cortical ependymomas:
a report of 8 cases at a single center

Department of Neurological Surgery, Okayama University Graduate School of
Medicine, Okayama, Japan **Yuji Matsumoto**

11:20~11:45

Symposium 26

Pediatric gliomas

Chairs : Clinical Neuropathology Service, Department of Pathology,
Johns Hopkins University School of Medicine **Fausto J. Rodriguez**

Department of Neurosurgery, Tokyo Women's Medical University **Yasuo Aihara**

Department of Neurosurgery, Kyoto University Graduate School of Medicine
Yoshiki Arakawa

S26-1 Genome-wide DNA methylation profiling reveals molecular heterogeneity
of anaplastic pleomorphic xanthoastrocytoma

Department of Neurosurgery, Graduate School of Medicine,
Yokohama City University, Yokohama, Japan **Taishi Nakamura**

S26-2 The diversity of pediatric high grade gliomas

Department of Neurosurgery, Juntendo University, Tokyo, Japan

Akihide Kondo

S26-3 Clinicopathological features of pediatric supratentorial high grade glioma

Department of Neurosurgery, Graduate School of Medical and Dental Sciences,

Kagoshima University, Japan **Koji Yoshimoto**

September 26. (Wed) Room 4 (Ohgi 4F)

8:50~9:30 **Special Lecture 5** **Future of Research and Practice of Pediatric Brain Tumors**
Chair : Gotanda Rehabilitation Hospital **Masao Matsutani**

SL5 The impact on diagnostic practice of current research into pediatric CNS tumors
Department of Pathology, St. Jude Children's Research Hospital
David W. Ellison

9:30~9:55 **Minisymposium 1** **cIMPACT-NOW**
Chairs : Department of Pathology, Division of Neuropathology,
University of California, San Francisco (UCSF) **Arie Perry**
Department of Cancer Pathology, Hokkaido University Faculty of Medicine
Shinya Tanaka
Department of Pathology, Kyorin University Faculty of Medicine **Junji Shibahara**

MS1 cIMPACT-NOW: The Consortium to Inform Molecular and Practical Approaches to CNS Tumor Taxonomy
Department of Pathology, VU University Medical Center and Department of Pathology, Princess Máxima Center for Pediatric Oncology and University Medical Center Utrecht **Pieter Wesseling**

9:55~10:20 **Minisymposium 2** **ICCR datasets for central nervous system**
Chairs : Department of Pathology, Division of Neuropathology,
University of California, San Francisco (UCSF) **Arie Perry**
Department of Cancer Pathology, Hokkaido University Faculty of Medicine
Shinya Tanaka
Department of Pathology, Kyorin University Faculty of Medicine **Junji Shibahara**

MS2 ICCR Datasets as Tools to Standardize and Improve Reporting of Pathology Information on CNS Tumors
Department of Pathology, VU University Medical Center and Department of Pathology, Princess Máxima Center for Pediatric Oncology and University Medical Center Utrecht **Pieter Wesseling**

Sponsored by International Collaboration on Cancer Reporting (ICCR)

10:20~10:30 Special comment

Chairs : Department of Pathology, Division of Neuropathology,
University of California, San Francisco (UCSF) **Arie Perry**

Department of Cancer Pathology, Hokkaido University Faculty of Medicine

Shinya Tanaka

Department of Pathology, Kyorin University Faculty of Medicine **Junji Shibahara**

Standardization of integrated diagnosis of brain tumors for general
pathology in Japan

The committee for molecular diagnosis, the Japan society of brain tumor
pathology /

Department of Neurosurgery, Faculty of Medicine, Yamagata University
Yukihiko Sonoda

10:30~11:50 Symposium 25 Genetics and Biology of Glioma

Chairs : Department of Neuropathology, Charité-Universitätsmedizin Berlin

David Capper

Department of Neuropathology, Royal Prince Alfred Hospital
& Australia University of Sydney **Michael Buckland**

Department of neurosurgery, Faculty of Medicine, Yamagata University

Yukihiko Sonoda

S25-1 Rare brain tumor diagnosis: reassessment in the era of methylation
profiling

Department of Neuropathology, Charité-Universitätsmedizin Berlin

David Capper

S25-2 Exosomal miRNAs as blood-based biomarkers in glioblastoma

Department of Neuropathology, Royal Prince Alfred Hospital & Australia
University of Sydney **Buckland Michael**

S25-3 Brain region specific molecular profile of cerebellar gliomas

Department of Neurosurgery, Graduate School of Medicine, The University of Tokyo /
Genome Science Division, Research Center for Advanced Science and Technology,
The University of Tokyo **Masashi Nomura**

S25-4 Identification of the therapeutic targets for brain tumor-related fusion
genes using an animal model

Division of Brain Tumor Translational Research,
National Cancer Center Research Institute, Japan **Tatsuya Ozawa**

S25-5 Clinical results of patients with lower grade gliomas in our institute and surgical strategy using intraoperative molecular diagnosis

Department of Neurosurgery, Tokyo Women's Medical University /
Faculty of Advanced Techno-Surgery (FATS), Institute of Advanced
Biomedical Engineering & Science, Graduate School of Medicine,
Tokyo Women's Medical University **Masayuki Nitta**

12:00~13:00 Luncheon Seminar 8

Chair : Higashi Osaka Yamaji Hospital **Keiji Kawamoto**

LS8 Clinical utility of intraoperative flow cytometry (iFC) in brain tumor resection

Department of Neurosurgery, Tokyo Women's Medical University, Tokyo, Japan
Taiichi Saito

Sponsored by Nihon Kohden Corporation

13:10~13:50 BTP General Assembly

13:50~15:15 Symposium 29 Pediatric-type Diffuse Gliomas

Chairs : Department of Pathology, All India Institute of Medical Sciences
(AIIMS), New Delhi **Chitra Sarkar**

Department of Pathology, University of California, San Francisco (UCSF)
Tarik Tihan

Department of Neurosurgery, Tokyo Medical University **Jiro Akimoto**

S29-1 Pilocytic astrocytoma with anaplastic features

Clinical Neuropathology Service, Department of Pathology,
Johns Hopkins University School of Medicine **Fausto J. Rodriguez**

S29-2 Atypical teratoid/rhabdoid tumors arising from gliomas:
Histopathological and genetic features of four cases

Department of Pathology, Graduate School of Medicine, Gunma University
Junko Hirato

S29-3 Diffuse midline gliomas H3 K27M-mutant: An update

Department of Pathology, All India Institute of Medical Sciences
(AIIMS), New Delhi **Chitra Sarkar**

S29-4 Anaplastic Pleomorphic Xanthoastrocytoma

King Hussein Cancer Foundation, King Hussein Cancer Center

Maysa Al-Hussaini

Day 2 Program
September 26, (Wed)

16:00~16:40 Asian Diagnostic Slide Session 1

Chairs : Department of Neuropathology, National Institute of Mental Health and
Neurosciences (NIMHANS) **Anita Mahadevan**

Department of Pathology, Xuanwu Hospital, Capital Medical University
Yue-Shan Piao

Commentator : Department of Neuropathology, Research Institute for
Brain and Blood Vessels-Akita **Hajime Miyata**

Case 1 A 31-year-old male with a seizure

Department of Pathology, Yonsei University College of Medicine,
Severance Hospital, Seoul, Korea **Se-Hoon Kim**

Case 2 9 year-old boy suffering rapidly developing multicystic hemorrhage

Department of Neurosurgery, Tohoku University Graduate School of Medicine
Ryuta Saito

16:40~17:40 Asian Diagnostic Slide Session 2

Chairs : Department of Pathology, Hyogo Cancer Center **Takanori Hirose**
Department of Pathology, Yonsei University **Se-Hoon Kim**

Commentator : Department of Pathology and Clinical Laboratories,
National Cancer Center Hospital **Kaishi Satomi**

Case 3 A 13-year-old female with diminution of vision in both the eyes and
headache

Department of Pathology, All India Institute of Medical Sciences (AIIMS), New Delhi
Kavneet Kaur

Case 4 A 38-year-old female with right parietal lobe mass lesion

Department of Neuropathology, Xuanwu Hospital, Capital Medical University
Yue-Shan Piao

Case 5 A 7-year-old girl presenting gradually worsening of headache and
nausea

Department of Neurosurgery, Tokyo Medical University, Tokyo, Japan
Jiro Akimoto

17:40~18:20 Asian Diagnostic Slide Session 3

Chairs : Department of Pathology, Tuen Mun Hospital, Hong Kong SAR

Amanda Kan

Department of Central Clinical Laboratory, Hachioji Medical Center,

Tokyo Medical University **Makoto Shibuya**

Commentator : Department of Pathology 1, Tokyo Women's Medical University

School of Medicine **Kenta Masui**

Case 6 A 38-year-old female of a tumor of the lateral ventricle

Department of Neurosurgery, University of Kyoto, Japan **Etsuko Hattori**

Case 7 A 27-years-old female patient of right temporal lobe tumor which
recurred many times

Department of Neurosurgery, Tokyo Women's Medical University, Tokyo, Japan

Junji Hosono

September 26. (Wed) Poster and Exhibition (Hana A+B 4F)

15:00~16:00 Poster Session 3

- P3-20 A case of high-grade glioma simulating epithelioid glioblastoma
Department of Neurosurgery, Ohnishi Medical Center, Akashi, Hyogo, Japan
Katsushi Taomoto
- P3-21 A poor prognostic case of pediatric glioblastoma with IDH1 mutation
Department of Neurosurgery, Faculty of Medicine, Yamagata University
Kanako Kawanami
- P3-22 An elderly case of anaplastic pleomorphic xanthoastrocytoma
Department of Pathology, Toyota Kosei Hospital **Nobuko Ujihira**
- P3-23 Mitogen-activated protein kinase in gliosis and pilocytic astrocytoma
Department of Neurosurgery, Tan-nan Regional Medical Center
Hiroaki Takeuchi
- P3-24 Efficacy of ICE plus Bevacizumab Therapy for Temozolomide-Resistant Anaplastic Astroblastoma: Case Report
Department of Neurosurgery, Division of Clinical Neuroscience, Faculty of Medicine, University of Miyazaki, Japan **Kiyotaka Saito**
- P3-25 A case of radiation-induced sarcomas 10 years after radiation therapy against glioblastoma
Department of Neurosurgery, Dokkyo Medical University, Tochigi, Japan
Takeo Uzuka
- P3-26 Anti-tumor effects of metformin against malignant glioma
Department of Neuropathology, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan **Satoshi Suzuki**
- P3-27 Heterogeneous clinico-pathological features of diffuse midline glioma H3-K27M mutant
Department of Neurosurgery, Kyorin University Faculty of Medicine, Tokyo, Japan **Yuma Okamura**
- P3-28 An autopsy case of diffuse midline glioma around the foramen of Monro
Promotion office of CPC Education and General Integrative Medicine, University of Tokyo / Department of Pathology, University of Tokyo
Masako Ikemura
- P3-29 Imaging and immunohistochemical characteristics of H3 G34R-mutant gliomas -a report of three cases-
Department of Neurosurgery, Graduate School of Biomedical and Health Sciences, Hiroshima University, Hiroshima, Japan / Department of Neurosurgery, Higashihiroshima Medical Center, Hiroshima, Japan **Shumpei Onishi**

- P3-30 Histopathological analysis of the new mouse glioma model which shows perineural invasion
 Department of Neurosurgery, Gifu University Graduate School of Medicine /
 Department of Tumor Pathology Gifu University Graduate School of Medicine
Masafumi Miyai
- P3-31 A case of anaplastic astrocytoma with appearance of IDH-mutant astrocytic cells at recurrence
 Department of Neurosurgery, Faculty of medicine, University of Tsukuba, Ibaraki, Japan /
 Department of Diagnostic pathology, Faculty of medicine, University of Tsukuba, Ibaraki, Japan **Noriaki Sakamoto**
- P3-32 Cerebellar radiation-induced glioma after complete remission of pineal tumor
 Department of Neurosurgery, Wada Hospital, Miyazaki, Japan
Tomohiro Kawano
- P3-33 Consideration of integrated diagnosis of gliomas
 Department of Anatomic Pathology, Hirosaki University Graduate School of Medicine, Aomori, Japan **Kaoru Ogawa**
- P3-34 A case of malignant transformation of NF1-associated spinal astrocytoma
 Department of Diagnostic Pathology, Asahikawa Medical University, Asahikawa, Japan **Sayaka Yuzawa**
- P3-35 A case of primary diffuse leptomeningeal gliomatosis with multi-nodular lesions
 Division of Neurosurgery, Shizuoka Cancer Center, Shizuoka, Japan
Koichi Mitsuya
- P3-36 A case of diffuse leptomeningeal glioneuronal tumor
 Nara Prefecture General Medical Center, Department of Pathology, Nara, Japan /
 Nara Medical University Hospital, Department of Pathology, Nara, Japan
Shoh Sasaki
- P3-37 Glioblastoma suspected association with Lynch syndrome
 Department of Neurosurgery, Tomakomai City Hospital, Tomakomai, Japan /
 Department of Neurosurgery, Hokkaido University School of Medicine, Sapporo, Japan
Yukitomo Ishi
- P3-38 An operative case of brain stem glioma with IDH1 mutation
 Department of Neurosurgery, Yamagata University, Faculty of Medicine, Yamagata, Japan **Kenichiro Matsuda**
- P3-39 The anti-tumor effects of COX-2 inhibitor against malignant astrocytic tumor cells *in vitro* and *in vivo*
 Department of Neurosurgery, Hirosaki University Graduate School of Medicine, Aomori, Japan **Kosuke Katayama**

- P3-40 Stratification of IDH wild-type WHO grade II / III gliomas by molecular marker
Department of Neurosurgery, Fujita Health University / Department of Neurosurgery, Fujieda Heisei Memorial Hospital **Kiyonori Kuwahara**
- P3-41 Three cases of unclassified low-grade gliomas with presence of numerous CD34-positive cells
Department of Pathology and Laboratory Medicine, NHO Sendai Medical Center **Naomi Oka**
- P3-42 Adult gliomas concurrently harboring 1p/19q codeletion and TP53 mutation: molecular analysis of two cases
Department of Neurosurgery, Osaka University Graduate School of Medicine, Osaka, Japan / Kansai Molecular Diagnosis Network for Central Nervous System Tumors, Osaka, Japan **Hideyuki Arita**
- P3-43 A Case of Adult Supratentorial Anaplastic Pilocytic Astrocytoma
Department of Neurosurgery, Kitano Hospital, The Tazuke Kofukai Medical Research Institute, Osaka, Japan **Naoya Yoshimoto**
- P3-44 Two cases of pilocytic astrocytomas with challenging diagnosis
The Department of Neurosurgery, Ube-Kohsan Central Hospital, Ube, Japan **Makoto Ideguchi**
- P3-45 Three case reports of radiation-induced glioblastoma after complete remission of acute lymphoblastic leukemia
Department of Neurosurgery, Tohoku University Graduate School of Medicine, Sendai, Japan **Masayuki Kanamori**
- P3-46 A cerebellopontine angle tumor mimicking an extra-axial mass
Department of Neurosurgery, Division of Clinical Neuroscience, Faculty of Medicine, University of Miyazaki **Mitsuru Tamura**
- P3-47 A case of extraventricular subependymal giant cell astrocytoma in an infant
Department of Neurological Surgery, Okayama University Graduate School of Medicine, Dentistry, and Pharmaceutical Sciences, Okayama, Japan **Nobushige Tsuboi**
- P3-48 A Case of astroblastoma
Department of Neurosurgery, Aki General Hospital, Kochi, Japan **Yu Kawanishi**
- P3-49 A case of Anaplastic Astroblastoma in the elderly
Department of Neurosurgery, Kurume University School of Medicine, Kurume, Japan **Naohisa Miyagi**

- P3-68 A case of rosette-forming glioneuronal tumor with an increased MIB-1 labeling index and mitotic figures in glial component
Department of Diagnostic pathology, Kobe University Graduate School of Medicine, Kobe, Japan **Naoe Jimbo**
- P3-69 A case of spinal rosette-forming glioneuronal tumor
The Department of Surgical Pathology, Asahikawa Medical University
Mishie Tanino
- P3-70 A glioneuronal tumor with intermediate feature between rosette-forming glioneuronal tumor (RGNT) and pilocytic astrocytoma (PA) harboring FGFR1 mutation: consideration of " RGNT-PA sequence "
Department of Diagnostic Pathology, Fujita Health University, Toyoake, Japan
Seiji Yamada
- P3-71 Clinical and molecular features of two cases of rosette-forming glioneuronal tumor at midbrain
Department of Neurosurgery, Kitasato University School of Medicine, Kanagawa, Japan **Ichioy Shibahara**
- P3-72 A case of atypical central neurocytoma with Rosettes and relatively rapid growth
The department of Neurosurgery, Tokai University school of Medicine, Isehara, Japan **Naokazu Hayashi**
- P3-73 Growing papillary glioneuronal tumor (PGNT) with solid components: A case report
Department of Neurosurgery, Kyoto University Graduate School of Medicine, Kyoto, Japan **Kazuma Shinno**
- P3-74 High-grade glioneuronal tumor with NTRK fusion: a case report
Department of Neurological Surgery, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama, Japan
Kazuhiko Kurozumi
- P3-75 Lymphocytic Hypophysitis with hypertrophic intracranial pachymeningitis: a case report
Department of Neurosurgery, Faculty of Medical Sciences, University of Fukui, Fukui, Japan **Katsuhide Tai**
- P3-76 A case of WHO grade I meningioma metastasized to the lung 26 years after initial surgery
Department of Pathology, Faculty of medicine Fukuoka University, Fukuoka, Japan / Department of Neurosurgery, Faculty of medicine Fukuoka University, Fukuoka, Japan **Toshiyuki Enomoto**

- P3-77 The case of lymphoplasmacyte-rich meningioma invaded to sigmoid sinus
Department of Pathology, St. Marianna University School of Medicine
Masatomo Doi
- P3-78 Diagnosis changed from Angiomatous meningioma to solitary fibrous tumor / hemangiopericytoma by molecular analysis
Department of Neurosurgery, Faculty of Medicine, Saga University, Saga, Japan
Yukiko Nakahara
- P3-79 Intracranial fibrosarcoma with somatic mutations in *NF2* and *ATRX*
Department of Neurosurgery, The University of Tokyo, Tokyo, Japan
Takahide Nejo
- P3-80 A rare case of craniopharyngioma with malignant transformation
Department of Diagnostic Pathology, Kobe University Graduate School of Medicine, Kobe, Japan **Naoe Jimbo**
- P3-81 A case of methotrexate associated lymphoproliferative disorders
Department of neurosurgery, Brain tumor center, Nakamura Memorial Hospital, Sapporo, Japan **Kenichi Sato**
- P3-82 A case of primary central nervous system T-cell lymphoma seems to be caused by long-term administration of adalimumab
Department of Neurosurgery (Omori), School of Medicine, Faculty of Medicine, Toho University **Yutaka Fuchinoue**
- P3-83 A case of central nervous system methotrexate-associated lymphoproliferative disorders (MTX-LPD)
Department of neurosurgery, Brain tumor center, Nakamura Memorial Hospital, Spporo, Lapan **Yuuki Ishida**
- P3-84 Lymphomatoid granulomatosis of the brain: A case report
Department of Neurosurgery, Kobe University Graduate School of Medicine, Kobe, Japan **Kazuhiro Tanaka**
- P3-85 Reappraisal of multiple cerebral lesions characterized by dense T cell infiltration in patient with DLBCL in past history and PTCL-NOS developing two years later
Department of Pathology, Iida Municipal Hospital, Nagano, Japan **Kenji Sano**
- P3-86 A case of cauda equina primary extramedullary plasmacytoma
Department of Cancer Pathology, Hokkaido University Graduate School of Medicine, Sapporo, Japan **Yoshitaka Oda**
- P3-87 Case report: Low-grade primary central nervous system lymphoma suspected by biopsy
The Department of Neurosurgery, University of Toho, Tokyo, Japan
Shuhei Kubota

- P3-88 Intracranial methotrexate-associated lymphoproliferative disorder in a rheumatoid arthritis patient treated with methotrexate: a case report
Department of Neurosurgery, Nara medical university, Nara, Japan
Ryosuke Matsuda
- P3-89 A case of primary central nervous system lymphomatoid granulomatosis ameliorated completely after treatment of corticosteroids
Department of Neurosurgery Kindai University School of Medicine
Takayuki Nakao
- P3-90 Autopsy case report of intravascular large B-cell lymphoma with nephrotic syndrome
Clinical Department of Pathology, Gunma university Hospital, Gunma, Japan
Ayako Yamazaki
- P3-91 A case of probably CNS infiltration developing in a patient with IgM MGUS
Department of Neurosurgery, Yamaguchi University School of Medicine, Ube, Yamaguchi, Japan **Hisaharu Gotou**
- P3-92 A case of subdural mass lesion with chronic myeloid leukemia
Department of Neurosurgery, Tokyo Metropolitan Komagome Hospital, Tokyo, Japan **Yoshihiro Kushihara**
- P3-93 A case of progressive multifocal leukoencephalopathy with severe inflammation which differential diagnosis with brain tumor is difficult
The Department of Neurosurgery, Tokyo Medical University, Tokyo, Japan
Shinjiro Fukami
- P3-94 A case of giant mature teratoma in third ventricle
Department of Neurosurgery (Omori), School of Medicine, Faculty of Medicine, Toho University, Tokyo, Japan **Masataka Mikai**
- P3-95 Supratentorial purely cortical anaplastic ependymoma -A case report-
The Department of Neurosurgery, Tokai University School of Medicine, Kanagawa, Japan **Jun Nishiyama**
- P3-96 Juvenile xanthogranuloma mimicking brain stem tumor in an infant: A case report and a review of literatures
Department of Pathology and Applied Neurobiology, Kyoto Prefectural University of Medicine, Kyoto, Japan **Yoshinori Kodama**
- P3-97 Germinoma recurrence outside the previous radiation field 15 years after complete remission
Department of Neurological Surgery, Chiba University Graduate School of Medicine
Tomoo Matsutani

- P3-98 A case of Medulloepithelioma in the posterior cranial fossa
Department of Neurosurgery, Ehime University School of Medicine,
Ehime, Japan **Akihiro Inoue**
- P3-99 Primary intracranial peripheral PNET case report
Neurosurgery, Tokyo Women's Medical University, Tokyo, Japan
Wendong Lyu
- P3-100 Recurrence of biphenotypic sinonasal sarcoma with cerebral
hemorrhaging: A case report with an 11-year follow-up
Department of Neurosurgery, Oita University Faculty of Medicine, Oita, Japan
Hiroataka Fudaba
- P3-101 Preservation of staining property STAT6 immunostaining in solitary
fibrous tumor/haemangiopericytoma with preoperative embolization
Department of Neurologic Surgery, Dokkyo Medical University, Mibu,
Tochigi, Japan **Hadzki Matsuda**
- P3-102 δ -catenin modulates bevacizumab-induced glioma invasion
Department of Neurological Surgery, Okayama University Graduate School
of Medicine, Dentistry and Pharmaceutical Sciences, Okayama, Japan
Toshihiko Shimizu
- P3-103 A case of radionecrosis, 2 years after radiation therapy
Department of Neurosurgery, Hirosaki University Graduate School of Medicine,
Aomori, Japan **Kosuke Katayama**
- P3-104 A case of primary intracranial rhabdomyosarcoma
Department of Neurosurgery, Kanazawa University Hospital, Kanazawa, Japan
/ Department of Diagnostic Pathology, Kanazawa University, Kanazawa, Japan
Maki Sakaguchi
- P3-105 A case of mucinous carcinoma considered malignant transformation
from intracranial germ cell tumor
Department of Neurosurgery Yodogawa Christian Hospital **Yoji Yamaguchi**
- P3-106 A case of front-temporal suprasellar papillary glioneuronal tumor
Department of Neurosurgery, Kanazawa Medical University, Uchinada, Japan
Akira Tamase
- P3-107 A Case of Solitary Fibrous Tumor of NAB2 Exon 6-STAT6 Exon 17
Department of Neurosurgery, Fukuoka City Hospital, Fukuoka, Japan
Kodai Matsuda
- P3-108 Usefulness of PCR direct sequence on definitive diagnosis for
chondrosarcoma : -two case reports-
The Department of Neurosurgery, Ube-Kohsan Central Hospital,
Yamaguchi, Japan **Taichi Shimabukuro**

- P3-109 A Case of intraventricular giant cell glioblastoma
 Departement of Neurosurgery, Chiba Hokuso Hospital Nippon Medical School,
 Chiba, Japan **Tomoko Omura**
- P3-110 A case of pontine glioma occurring 14 years after chemoradiotherapy of
 NGGCT
 Department of Neurosurgery, University of Kyoto, Kyoto, Japan /
 Department of Neurosurgery, Tokyo Women's Medical University, Tokyo, Japan
Takayuki Yasuda
- P3-111 A case of gliofibroma in adults who underwent oncogene panel test
 Department of Neurosurgery, University of Tokyo, Tokyo, Japan
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