



## Yusuke Hori, MD

Postdoctoral Scholar, Neonatal and Developmental Medicine

### Bio

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#### HONORS AND AWARDS

- The Research Incentive Award, American College of Physicians Japan Chapter (2015)
- JASSO's Student of the Year 2012 Grand Prize, Japan Student Services Organization (2012)
- Japanese Society of Anti-Aging Medicine Registration Award, Keystone Symposium on Aging and Diseases of Aging (2012)

#### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Faculty, Advanced Cranial Radiosurgery Training Course, Cleveland Clinic (2019 - 2021)
- Member, AANS/CNS Section on Tumors (2020 - present)
- Member, The Congress of Neurological Surgeons (2019 - present)
- Member, The Japan Neurosurgical Society (2012 - present)
- Member, The Molecular Biology Society of Japan (2009 - present)
- Member, The Japanese Pharmacological Society (2008 - present)
- Reviewer, Journal of Neuro-Oncology (2020 - present)
- Reviewer, Neuromodulation: Technology at the Neural Interface (2019 - present)
- Reviewer, Nutrition, Metabolism and Cardiovascular Diseases (2019 - present)
- Reviewer, European Journal of Medical Genetics (2018 - present)
- Reviewer, World Neurosurgery (2018 - present)
- Reviewer, Brain Research (2018 - present)
- Reviewer, Scientific Reports (2017 - present)
- Reviewer, Journal of Pharmacology and Experimental Therapeutics (2013 - present)

#### PROFESSIONAL EDUCATION

- International Fellow, Boston Children's Hospital, Harvard Medical School, MA , Pediatric Neurosurgery Fellowship (2022)
- Chief Clinical Fellow, Cleveland Clinic, OH , Neurosurgical Oncology and Radiosurgery Fellowship (2021)
- Clinical Fellow, Cleveland Clinic, OH , Stereotactic and Functional Neurosurgery Fellowship (2019)
- Resident, NHO Okayama Medical Center, Okayama University, Japan , Neurosurgical Residency (2018)
- Intern, Asahi General Hospital, Japan , Mandatory Postgraduate Clinical Training Program (2015)
- M.D., Sapporo Medical University, Japan (2013)
- Medical Student Research Fellow, Sapporo Medical University, Japan , Molecular Pharmacology (Dr. Horio Lab) (2013)

- Visiting Student Research Fellow, Health Sciences University of Hokkaido, Japan , Human Genetics (Dr. Niikawa Lab) (2011)

## STANFORD ADVISORS

- Anca Pasca, Postdoctoral Faculty Sponsor

## PATENTS

- Yoshiyuki Horio, Atsushi Kuno, Yusuke Hori. "Japan Patent 5,850,503 Composition for treating muscular dystrophy", Sapporo Medical University, Feb 3, 2016

## Publications

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### PUBLICATIONS

- **Multifocal Subdural Hematoma in a Teenager after a Fourth Dimension Roller Coaster Ride.** *Pediatric neurosurgery*  
Hori, Y. S., Gramer, R. M., Penumaka, A., Northam, W. T., See, A. P.  
2022
- **Stereotactic radiosurgery for intracranial chordomas: an international multiinstitutional study.** *Journal of neurosurgery*  
Pikis, S., Mantziaris, G., Peker, S., Samanci, Y., Nabeel, A. M., Reda, W. A., Tawadros, S. R., El-Shehaby, A. M., Abdelkarim, K., Eldin, R. M., Sheehan, D., Sheehan, K., Liscak, et al  
2022: 1-8
- **Stereotactic Laser Ablation (SLA) followed by consolidation stereotactic radiosurgery (cSRS) as treatment for brain metastasis that recurred locally after initial radiosurgery (BMRS): a multi-institutional experience.** *Journal of neuro-oncology*  
Peña Pino, I., Ma, J., Hori, Y. S., Fomchenko, E., Dusenbery, K., Reynolds, M., Wilke, C., Yuan, J., Srinivasan, E., Grabowski, M., Fecci, P., Domingo-Musibay, E., Fujioka, et al  
2022; 156 (2): 295-306
- **Standalone gamma knife radiosurgery for brain metastasis of malignant peripheral nerve sheath tumor** *INTERDISCIPLINARY NEUROSURGERY-ADVANCED TECHNIQUES AND CASE MANAGEMENT*  
Hori, Y. S., Barnett, G. H.  
2021; 25
- **Spinal Cord Stimulation for Visceral Pain: Present Approaches and Future Strategies.** *Pain medicine (Malden, Mass.)*  
Woodroffe, R. W., Pearson, A. C., Pearlman, A. M., Howard, M. A., Nauta, H. J., Nagel, S. J., Hori, Y. S., Machado, A. G., Almeida Frizon, L., Helland, L., Holland, M. T., Gillies, G. T., Wilson, et al  
2020; 21 (10): 2298-2309
- **Earlier radiosurgery leads to better pain relief and less medication usage for trigeminal neuralgia patients: an international multicenter study.** *Journal of neurosurgery*  
Mureb, M., Golub, D., Benjamin, C., Gurewitz, J., Strickland, B. A., Zada, G., Chang, E., Urgošák, D., Lišák, R., Warnick, R. E., Speckter, H., Eastman, S., Kaufmann, et al  
2020: 1-8
- **Insidious abdominal wall pseudocyst following ventriculoperitoneal shunting** *INTERDISCIPLINARY NEUROSURGERY-ADVANCED TECHNIQUES AND CASE MANAGEMENT*  
Hori, Y. S., Sharma, A., Nagel, S. J.  
2020; 19
- **Delayed obstructive hydrocephalus from intraventricular hemorrhage in a patient with concomitant deep vein thrombosis and occult cancer** *CHIRURGIA-ITALY*  
Hori, Y. S., Ebisudani, Y., Aoi, M., Fukuhara, T.  
2019; 32 (2): 99-101
- **Hypertensive Cerebral Hemorrhage in a Patient with Turner Syndrome Caused by Deletion in the Short Arm of the X Chromosome.** *Pediatric neurosurgery*  
Hori, Y. S., Ohkura, T., Ebisudani, Y., Umakoshi, M., Ishi, M., Oda, K., Aoi, M., Inoue, T., Furujo, M., Tanaka, H., Fukuhara, T.  
2018; 53 (3): 167-170
- **Subarachnoid hemorrhage from rupture of a rapidly formed aneurysm following relapse of fungal orbital apex syndrome** *CHIRURGIA-ITALY*  
Hori, Y. S., Saito, T., Ebisudani, Y., Yamada, H., Akagi, Y., Aoi, M., Shinno, Y., Narai, H., Marunaka, H., Fukuhara, T.

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2018; 31 (6): 264-267

- **Elevated Serum Fibrinogen Degradation Products on Admission Is a Novel Predictive Factor for Recurrence of Chronic Subdural Hematoma.** *World neurosurgery*  
Hori, Y. S., Ebisudani, Y., Aoi, M., Fukuhara, T.  
2018; 118: e753-e757
- **Choroid Plexus Hyperplasia with Intractable Ascites and a Resulting Communicating Hydrocele following Shunt Operation for Hydrocephalus.** *Pediatric neurosurgery*  
Hori, Y. S., Nagakita, K., Ebisudani, Y., Aoi, M., Shinno, Y., Fukuhara, T.  
2018; 53 (6): 407-412
- **Primary Central Nervous System Hodgkin Lymphoma-Like Posttransplant Lymphoproliferative Disorder.** *World neurosurgery*  
Hori, Y. S., Nagakita, K., Ebisudani, Y., Aoi, M., Fukuhara, T., Shinno, Y.  
2018; 114: 230-234
- **Extracranial glioblastoma diagnosed by examination of pleural effusion using the cell block technique: case report.** *Neurosurgical focus*  
Hori, Y. S., Fukuhara, T., Aoi, M., Oda, K., Shinno, Y.  
2018; 44 (6): E8
- **Adult-Onset Hemorrhagic Quasi-Moyamoya Disease with Unilateral Steno-occlusive Lesion in a Patient with Neurofibromatosis Type 1.** *Journal of stroke and cerebrovascular diseases : the official journal of National Stroke Association*  
Hori, Y. S., Ebisudani, Y., Aoi, M., Fukuhara, T.  
2018; 27 (5): 1423-1424
- **Peritoneal catheter knot formation in ventriculoperitoneal shunting: an intraoperative artificial phenomenon?** *Child's nervous system : ChNS : official journal of the International Society for Pediatric Neurosurgery*  
Hori, Y. S., Ebisudani, Y., Umakoshi, M., Aoi, M., Fukuhara, T.  
2018; 34 (1): 31-33
- **Joint Capsule-Like Intracranial Osteochondroma Mimicking Cystic Meningioma.** *World neurosurgery*  
Hori, Y. S., Ebisudani, Y., Aoi, M.  
2017; 108: 985.e9-985.e11
- **Fulminant Bacillus cereus septicaemia with multiple organ ischaemic/haemorrhagic complications in a patient undergoing chemotherapy for acute myelogenous leukaemia.** *BMJ case reports*  
Hori, Y. S., Kodera, S., Nagai, Y., Suzuki, Y.  
2017; 2017
- **A Novel Association between the 27-bp Deletion and 538G>A Mutation in the ABCC11 Gene.** *Human biology*  
Hori, Y. S., Yamada, A., Matsuda, N., Ono, Y., Starenki, D., Sosonkina, N., Yoshiura, K. I., Niikawa, N., Ohta, T.  
2017; 89 (4): 305-307
- **Presence of a Malignant Tumor as a Novel Predictive Factor for Repeated Recurrences of Chronic Subdural Hematoma.** *World neurosurgery*  
Hori, Y. S., Aoi, M., Oda, K., Fukuhara, T.  
2017; 105: 714-719
- **Intrathecal Baclofen Pump Implantation for Type 2 Gaucher Disease.** *Pediatric neurosurgery*  
Hori, Y. S., Fukuhara, T., Aoi, M., Ochi, M., Furujo, M.  
2017; 52 (5): 331-335
- **Eosinopenia in Children following Traumatic Intracranial Hemorrhage Is Associated with Poor Prognosis and Prolonged Hospital Admission.** *Pediatric neurosurgery*  
Hori, Y. S., Fukuhara, T., Aoi, M., Namba, Y.  
2016; 51 (2): 57-60
- **Prefectural difference in spontaneous intracerebral hemorrhage incidence in Japan analyzed with publically accessible diagnosis procedure combination data: possibilities and limitations.** *Epidemiology and health*  
Fukuhara, T., Hori, Y.  
2016; 38: e2016028

- **Eosinopenia as a Predictive Factor of the Short-Term Risk of Mortality and Infection after Acute Cerebral Infarction.** *Journal of stroke and cerebrovascular diseases : the official journal of National Stroke Association*  
Hori, Y. S., Koderu, S., Sato, Y., Shiojiri, T.  
2016; 25 (6): 1307-12
- **Chloroquine potentiates temozolomide cytotoxicity by inhibiting mitochondrial autophagy in glioma cells.** *Journal of neuro-oncology*  
Hori, Y. S., Hosoda, R., Akiyama, Y., Sebori, R., Wanibuchi, M., Mikami, T., Sugino, T., Suzuki, K., Maruyama, M., Tsukamoto, M., Mikuni, N., Horio, Y., Kuno, et al  
2015; 122 (1): 11-20
- **Inactive cardiac sarcoidosis with characteristic findings on cardiac MRI.** *BMJ case reports*  
Hori, Y. S., Koderu, S., Oshima, H., Kanda, J.  
2013; 2013
- **Regulation of FOXOs and p53 by SIRT1 modulators under oxidative stress.** *PloS one*  
Hori, Y. S., Kuno, A., Hosoda, R., Horio, Y.  
2013; 8 (9): e73875
- **Resveratrol improves cardiomyopathy in dystrophin-deficient mice through SIRT1 protein-mediated modulation of p300 protein.** *The Journal of biological chemistry*  
Kuno, A., Hori, Y. S., Hosoda, R., Tanno, M., Miura, T., Shimamoto, K., Horio, Y.  
2013; 288 (8): 5963-72
- **Differential cell-protective function of two resveratrol (trans-3,5,4'-trihydroxystilbene) glucosides against oxidative stress.** *The Journal of pharmacology and experimental therapeutics*  
Hosoda, R., Kuno, A., Hori, Y. S., Ohtani, K., Wakamiya, N., Oohiro, A., Hamada, H., Horio, Y.  
2013; 344 (1): 124-32
- **Resveratrol ameliorates muscular pathology in the dystrophic mdx mouse, a model for Duchenne muscular dystrophy.** *The Journal of pharmacology and experimental therapeutics*  
Hori, Y. S., Kuno, A., Hosoda, R., Tanno, M., Miura, T., Shimamoto, K., Horio, Y.  
2011; 338 (3): 784-94