

Day 1 : May 14 (THU)

11 : 40~11 : 50 Opening Remark

Manabu Kinoshita (Asahikawa Medical University)

11 : 50~13 : 50 RS1

Resident Seminar 1

Moderators : Takashi Sasayama (Kobe University)
Yasuo Murai (Nippon Medical School)
Yoichi Morofuji (Showa Medical University)

1. Physical and Radiological Findings in Spinal and Spinal Cord Disorders
.....Miyuki Fukuda (Shin-Aikai Spine Center, Katano Hospital)
2. Pathology and treatment of syringomyelia
.....Yasuhiro Takeshima (Nara Medical University)
3. Endovascular Treatment of Unruptured Cerebral Aneurysms
.....Hiroyuki Ikeda (Kyoto University)
4. Molecular Classification of Adult Gliomas
.....Yoshiteru Shimoda (Tohoku University)
5. Updates in the WHO 2021 Classification of Pediatric-Type Gliomas
.....Chisato Yokota (The University of Osaka)
6. Medulloblastoma, ependymoma, choroid plexus tumor
.....Shigeru Yamaguchi (Hokkaido University)

13:55~15:55 RS2

Resident Seminar 2

Moderators : Eiichi Ishikawa (University of Tsukuba)
Tetsuya Ueba (Kochi Medical School)
Kazuhiko Kurozumi (Hamamatsu University School of Medicine)

1. Frontiers in the Diagnosis, Treatment, and Pathobiology of Central Nervous System Germ Cell Tumors
.....Hirokazu Takami (The University of Tokyo)
2. Current Clinical Practice of Hakim's Disease (iNPH) in a Super-Aging Society
.....Shigeki Yamada (Nagoya City University)
3. Diagnosis and Treatment Strategies for Pituitary Neuroendocrine Tumors : Essential Considerations for Residents
.....Yasuo Sasagawa (Kanazawa University)
4. EEG Interpretation : The Essentials for Neurosurgical Residents
.....Aya Kanno (Sapporo Medical University)
5. The ABCs of Stereotactic Neurosurgery
.....Takashi Morishita (Fukuoka University)
6. Key Pitfalls and Technical Know-How in Pediatric Neurosurgery
.....Kentaro Chiba (Tokyo Women's Medical University)

16:00~17:20 V1

Video Seminar 1

Transnasal Endoscopic Surgery

Moderators : Hiroyoshi Akutsu (Dokkyo Medical University)
Masamichi Kurosaki (Tottori University)
Tadashi Watanabe (Aichi Medical University)

1. Standard technique of endoscopic endonasal transsphenoidal surgery for PitNETs
.....Kiyohiko Sakata (Kurume University)
2. Expanded technique in endoscopic transnasal surgery
.....Kazuhito Takeuchi (Nagoya University)
3. Indications and limitations of endoscopic surgery for intraorbital tumors
.....Daisuke Kuga (Kyushu University)
4. Surgical strategy and procedure for 3rd ventricle lesions via an endoscopic endonasal approach
.....Hiroki Morisako (Osaka Metropolitan University)

17 : 20~18 : 40 V2

Video Seminar 2

Cerebral Aneurysm Surgery

Moderators : Tsuyoshi Izumo (Gifu University)

Atsushi Saito (Hirosaki University)

Tetsuyoshi Horiuchi (Shinshu University)

1. Basic Principles of Surgical Treatment for Cerebral Aneurysms
.....Ririko Takeda (Teikyo University Hospital, Mizonokuchi)
2. The Trans-Sylvian Approach in Cerebrovascular Surgery :
Principles, Techniques, and Expanding Applications
.....Nakao Ota (Sapporo Teishinkai Hospital)
3. High-Flow Bypass Surgery as a Crystallization of Surgical Wisdom :
Reliable Revascularization Built on Fundamental Techniques
.....Tomoya Kamide (Kanazawa University)
4. Open surgery for posterior circulation aneurysms
.....Yosuke Akamatsu (Iwate Medical University)

18 : 40~20 : 00 V3

Video Seminar 3

Complex/Advanced Surgery

Moderators : Hideyuki Ishihara (Yamaguchi University)

Yoji Tanaka (Kyorin University)

Kazumichi Yoshida (Shiga University of Medical Science)

1. Intraoperative Tasks and Evaluation for Awake Craniotomy
.....Masahiro Sawada (Kyoto University)
2. Surgery for acoustic tumor : harmonizing extent of resection and functional
preservation
.....Masahide Matsuda (University of Tsukuba)
3. The Potential and Limitations of Revascularization Techniques
.....Kosumo Noda (Soseikai General Hospital)
4. Selection and Surgical Strategy of Endonasal and Transcranial Approaches
for Skull Base Tumors
.....Mari Kusumi (Kitasato University Medical Center)

8 : 00~8 : 10 Opening Session

Manabu Kinoshita (Asahikawa Medical University)

8 : 15~9 : 35 PS1 

Plenary Session 1

Spine/Spinal Cord

Moderators : Toshiki Endo (Tohoku Medical and Pharmaceutical University)
Ichiro Nakagawa (Nara Medical University)
Hidetoshi Murata (St. Marianna University School of Medicine)

1. Pathology and treatment of spinal arteriovenous shunt
.....Tomohiko Ozaki (The University of Osaka)
2. Surgical Strategies for Craniovertebral Junction Disorders :
From Fundamentals to Cutting-Edge Concepts and Future Perspectives
.....Yusuke Nishimura (Nagoya University)
3. Current Treatment Strategies for Degenerative Spinal Disorders and the
Expanding Role of Neurosurgery
.....Shigeo Ueda (Shin-ai Kai Spine Center, Katano Hospital)
4. Future Directions in the Management of Spinal Tumors
.....Jun Muto (Fujita Health University)

9 : 40~11 : 00 PS2 

Plenary Session 2

Benign Brain Tumor

Moderators : Michihiro Kouno (Tokyo Medical University)
Naoyuki Nakao (Wakayama Medical University)
Takayuki Hara (Toranomon Hospital)

1. Multimodal Treatment Approaches to Schwannomas
.....Ryota Tamura (Keio University)
2. The Future of Craniopharyngioma Treatment :
Evolving Multimodal Strategies Incorporating Molecular Targeted Therapy
.....Shingo Fujio (Kagoshima University)
3. Reconstructing the Future of Meningioma Treatment from Molecular
Pathogenesis
.....Satoru Miyawaki (The University of Tokyo)
4. Chordoma : Current Understanding and Remaining Challenges
.....Hirotaka Hasegawa (Saitama Medical Center, Saitama Medical University)

11:05~11:35 CPL

2026 CNS President Lecture

Moderator: Akihiko Kondo (Juntendo University)

CNS Presidential Address

Martina Stippler (Beth Israel Deaconess Medical Center)

11:45~12:45 LS1-1~LS1-12

Luncheon Seminars

Main Hall • Room 1~11

12:55~14:15 S1 

Special Program 1

The Future of Basic Science in Neurosurgery

Moderators: Yukihiro Sonoda (Yamagata University)

Mitsutoshi Nakada (Kanazawa University)

Miki Fujimura (Hokkaido University)

1. Development of Innovative Brain Tumor Therapeutic Strategies Targeting Glial Cells
.....Eishu Hirata (Division of Tumor Cell Biology and Bioimaging, Cancer Research Institute of Kanazawa University)
2. Toward Innovative Neurosurgical Therapies through Neural Decoding
.....Takufumi Yanagisawa (The University of Osaka)
3. Basic Research in Neural Regeneration : Creating the Future of Neurosurgery
.....Kuniyasu Niizuma (Tohoku University)
4. The Future Direction of Malignant Brain Tumor Research
.....Masashi Nomura (The University of Tokyo)

14 : 20~15 : 40 PS3 
Plenary Session 3

Ischemic Cerebrovascular Disease

Moderators : Satoshi Kuroda (University of Toyama)
Nobutaka Horie (Hiroshima University)
Shinichi Yoshimura (Hyogo Medical University)

1. Ischemic stroke as a systemic disorder
.....Kenichi Todo (Department of Neurology, Tokyo Women's Medical University)
2. Current Status and Future Perspectives in Acute Ischemic Stroke
.....Koichi Arimura (Kyushu University)
3. Intracranial and Extracranial Atherosclerotic Disease :
Scientific Evidence Shaping the Future of Surgical Treatment
.....Hiroyuki Sakata (Tohoku University)
4. The Current Status and Future Perspectives of Moyamoya Disease
.....Haruto Uchino (Hokkaido University)

15 : 45~17 : 05 PS4 
Plenary Session 4

Pediatric Neurosurgery

Moderators : Makoto Oishi (Niigata University)
Naoya Hashimoto (Kyoto Prefectural University of Medicine)
Tetsuya Yamamoto (Yokohama City University)

1. Tethered Cord Syndrome : Current Advances in Diagnosis and Treatment
Strategies
.....Tomomi Kimiwada (Shimane University)
2. Cranial Morphology and Development in Children :
Contributions of Pediatric Neurosurgeons
.....Michihiro Kurimoto (Aichi Children's Health and Medical Center)
3. Frontiers in Pediatric Intracranial Arachnoid Cysts :
Evidence-Based Management and Surgical Practice
.....Kenichi Usami (Saitama Children's Medical Center)
4. Breakthrough in Pediatric Brain Tumors
.....Kensuke Tateishi (Yokohama City University)

17:10~18:30 PS5 

Plenary Session 5

Neurotrauma

Moderators : Kentaro Hayashi (Shimane University)
Keisuke Miyake (Kagawa University)
Atsuo Yoshino (Nihon University)

1. Clinical Characteristics of Head Injury in Infants and Young Children in Japan
.....Masahiro Nonaka (Kansai Medical University)
2. Long-Term Consequences of Sports-Related Head Trauma
.....Ai Muroi (University of Tsukuba)
3. Current evidence and future directions of middle meningeal artery
embolization in chronic subdural hematoma
.....Masafumi Hiramatsu (Okayama University)
4. The future of intracranial pressure management in severe traumatic brain
injury
.....Eiichi Suehiro (International University of Health and Welfare Narita Hospital)

18:30~19:15

Welcome Reception

Venue : Exhibition (1F "Sakura")

Day 3 : May 16 (SAT)

8:00~9:00 MS1-1~MS1-6

Morning Seminars (p.126)

Main Hall · Room 2 · 3 · 6~8)

9:10~10:50 MAS 

Joint Session with the 40th Japanese Society for Microneurosurgical Anatomy

Fusion of Technology and Knowledge

Moderators : Takeo Goto (Osaka Metropolitan University)

Masahiro Toda (Keio University)

Takayuki Matsuo (Nagasaki University)

1. Anatomical Characteristics of Major Cerebral White Matter Tracts :
A Study of Interhemispheric Asymmetry, Handedness, and Sex Differences
.....Masazumi Fujii (Fukushima Medical University)
2. Dural and skull base arterial anatomy for endovascular embolization
.....Naoki Toma (Mie University)
3. Surgical anatomy of Endoscopic endonasal surgery
.....Hiroshi Nishioka (Toranomom Hospital)
4. Surgical Strategy Based on the Microsurgical Anatomy of the Temporal Bone
.....Hiroshi Abe (Fukuoka University)
5. Microsurgical anatomy of the posteriror fossa
.....Masahiko Wanibuchi (Osaka Medical and Pharmaceutical University)

10:55~12:15 PS6 

Plenary Session 6

Functional Neurosurgery

Moderators : Ryosuke Hanaya (Kagoshima University)

Tadashi Hamasaki (University of the Ryukyus)

Yoshinori Higuchi (Chiba University)

1. Deep brain stimulation
.....Takayuki Kikuchi (Kyoto University)
2. The present and future of epilepsy surgery
.....Naoto Kunii (Jichi Medical University)
3. Focused Ultrasound for Functional Neurosurgery :
Evidence, Practice, and Future Directions
.....Naoki Tani (The University of Osaka)
4. Challenges and prospects for peripheral nerve surgery
.....Rinko Kokubo (Nippon Medical School Chiba Hokusyo Hospital)

12:25~13:25 LS2-1~LS2-12

Luncheon Seminars

Main Hall • Room 1~11

13:35~14:15

General Assembly

14:20~15:20 CL

Cultural Lecture

Moderator : Nobuhito Saito (The University of Tokyo)

Ken Kusunoki (Hitotsubashi University)

15 : 30~16 : 50 S2 
Special Program 2

Engineering and Technology for the Future of Surgery

Moderators : Yasushi Takagi (Tokushima University)
Nobuhiro Mikuni (Sapporo Medical University)
Haruhiko Kishima (The University of Osaka)

1. Development of the Future Operating Room
Aiming for Automated and Autonomous Operation
.....Yoshihiro Muragaki (Kobe University)
2. The Future of Robot-Assisted Supermicrosurgery :
Democratizing Expertise and Advancing Ultra-Precision
.....Munekazu Naito (Department of Anatomy, Aichi Medical University)
3. A Historical Transformation in Surgery :
Robot-Assisted Surgery in Gastrointestinal Oncology
.....Ichiro Uyama (Advanced Robotic and Endoscopic Surgery,
Fujita Health University)

16 : 55~18 : 15 S3 
Special Program 3

Emerging Technology for Future Neurosurgery

Moderators : Hidenori Endo (Tohoku University)
Jun Takahashi (Kindai University)
Koji Yoshimoto (Kyushu University)

1. New Developments in Brain Tumor Surgery Enabled by Intraoperative
Fluorescent Probes for Malignant Gliomas
.....Shota Tanaka (Okayama University)
2. Real time Raman based brain tumor diagnosis for optimizing surgical
strategies
.....Yoshiko Okita (University of Miyazaki)
3. Neurosurgeon as Inventor : One Story of Getting from Idea to Impact
.....Peter Nakaji (GT Medical Technologies, Inc.)
4. iPS cell-based therapy for neurological diseases
.....Jun Takahashi (Kyoto University)

18 : 30~20 : 30

Gala Dinner

Kyoto International Conference Center, Garden

Day 4 : May 17 (SUN)

8 : 10~9 : 10 MS2-1~MS2-5

Morning Seminars (p.127)

Room 2 · 3 · 6~8

9 : 20~10 : 40 PS7 

Plenary Session 7

Malignant Brain Tumor

Moderators : Toshihiro Kumabe (Kitasato University)

Yoshitaka Narita (National Cancer Center Hospital)

Yuichi Hirose (Fujita Health University)

1. The Future of Low-Grade Glioma Treatment
.....Ichiyo Shibahara (Kitasato University)
2. Future Perspectives of Glioblastoma Treatment
.....Noriyuki Kijima (The University of Osaka)
3. The current status and future perspectives for the biology and treatment of medulloblastomas
.....Manabu Natsumeda (Niigata University)
4. Future Prospects for Treatment of Primary Central Nervous System Lymphoma
.....Fumiharu Ohka (Nagoya University)

10 : 45~11 : 45 S4 

Special Program 4

Neurosurgery of Tomorrow

Moderators : Yoshiki Arakawa (Kyoto University)

Soichi Oya (Gunma University)

Takeharu Kunieda (Ehime University)

1. Brain Circuits and Neurosurgical Treatments in Psychiatry
.....Shiro Horisawa (Tokyo Women's Medical University)
2. Glymphatic system theory : implication for the future treatment strategies in Neurosurgical disorders
.....Shoko Hara (Institute of Science Tokyo)
3. Precision Medicine in Brain Tumors :
Current Significance and Future Directions
.....Masamichi Takahashi (Tokai University)

11:55~12:55 LS3-1~LS3-10

Luncheon Seminars

Room 1~7・9~11

13:05~13:40

2025 (1st) the Japanese Congress of Neurological Surgeons Young Investigator Grant Research Award Presentation Session

Moderators : Hiroharu Kataoka (National Cerebral and Cardiovascular Center)
Ryuta Saito (Nagoya University)
Akitake Mukasa (Kumamoto University)

Environmental Microplastic Exposure Exacerbates Acute Ischemic Stroke Outcomes

.....Takuma Maeda (Saitama Medical University International Medical Center)

Development of a Topically Applied Fluorescent Probe for Real-Time Intraoperative Diagnosis of PCNSL

.....Yosuke Kitagawa (The University of Tokyo)

Design and Development of a Novel Theranostic Device Integrating Brain Mapping Analysis into Epilepsy Surgery

.....Masaki Sonoda (Yokohama City University)

13:45~14:45 PS8 
Plenary Session 8

Hemorrhagic Cerebrovascular Disease

Moderators : Koji Iihara (National Cerebral and Cardiovascular Center)
Hidenori Suzuki (Mie University)
Yuichi Murayama (The Jikei University School of Medicine)

1. Current Status and Future Perspectives of Vessel Wall Imaging for Intracranial Aneurysms
.....Shunsuke Omodaka (Kohnan Hospital)
2. Cerebral Arteriovenous Malformations and Cavernous Malformations : Current Status and Future Perspectives
.....Hideaki Ono (The University of Tokyo)
3. Subarachnoid Hemorrhage : Current Management and Future Perspectives
.....Masatoshi Takagaki (The University of Osaka)

14 : 50 ~ 15 : 00 **Closing Remark**

Manabu Kinoshita (Asahikawa Medical University)
Hidenori Endo (Tohoku University)