Program

**Sunday, April 12**

18:00 - 21:00  Registration

19:00 - 21:00  Welcome Reception

**Monday, April 13**

08:30 - 08:45  Opening Remarks
   
   *Ryo Nishikawa (Japan)*

08:45 - 10:15  **Session 1 Epidemiology**

   **Moderator:** Matthew Ming Kong Shing (Hong Kong SAR, China)

   O-01  Epidemiology of Intracranial Germ Cell Tumours
   
   *Eric Bouffet (Canada)*

   O-02  CNS Germ Cell Tumors: an Indian Perspective
   
   *Aanchal Kakkar (India)*

   
   *Yen-Lin Liu (Taiwan)*

   O-04  Correlation of the Clinical Significance of Population-based, Multicenter-based and Single Hospital Series Survey of Intracranial Germ Cell Tumors
   
   *Tai-Tong Wong (Taiwan)*

   O-05  Population Based Epidemiologic Data of GCTs in Korea
   
   *Seung Hoon Lee (Korea)*

   O-06  Incidence of Primary Central Nervous System Germ Cell Tumors in Kumamoto Prefecture in Southern Part of Japan: a 25 Years Study
   
   *Keishi Makino (Japan)*

10:20 - 11:35  **Session 2 Neurology/Long-term Sequelae/Proton Therapy**

   **Moderators:** Ute Bartels (Canada), Hidefumi Aoyama (Japan)

   O-07  Long-term Outcome of Germinoma, a Single Institution Report
   
   *Masanori Yoshida (Japan)*

   O-08  Long-term Clinical Outcomes of Germ Cell Tumors
   
   *Kenichiro Matsuda (Japan)*

   O-09  Factors Affecting Functional Outcomes in Long-term Survivors of Intracranial Germinomas
   
   *Shinya Jinguji (Japan)*

   O-10  Neuropsychological and QoL Late Effects from the Treatment of CNS Germ Cell Tumors: the Children’s Oncology Group Experience
   
   *Stephen A. Sands (USA)*

   O-11  Projected Proton Therapy Cognitive Sparing Benefit for CNS Germ Cell Tumor Patients Adapting a Predictive Model from Intensity Modulated X-ray Therapy
   
   *Jonathan B. Farr (USA)*
11:40 - 12:20  **Session 3 Diagnostic Radiology/PET**  
**Moderator: Naoki Kagawa (Japan)**

- **O-12** Protontherapy for Ventricular Irradiation in Localised Intra-Cranial Germinoma: The French Experience  
  Claire Alapetite (France)

12:30 - 13:30  **Lunch Time Seminar 1 sponsored by MSD**  
**Moderator: Koichi Ichimura (Japan)**

- Sounds the Same but Different-The CIMP in Different Tumor Types  
  Toshikazu Ushijima (Japan)

13:40 - 15:20  **Session 4 Basic Science**  
**Moderators: Torsten Pietsch (Germany), Koji Yoshimoto (Japan)**

- **O-17** β Subunit of Human Chorionic Gonadotropin is Expressed in All Histopathological Subtypes of Intracranial Germ Cell Tumors  
  Hirokazu Takami (Japan)

- **O-18** ARF-BP1 Expression in Primary Intracranial Germ Cell Tumors  
  Kazuo Washiyama (Japan)

- **O-19** Activation of the ATM/Chk2 Pathway in Intracranial Germinomas  
  Koji Yoshimoto (Japan)

- **O-20** Infiltrating Immune Cells of Intracranial Germinoma and Their Prognostic Significance  
  Hirokazu Takami (Japan)

- **O-21** MicroRNA 372-373 in Cerebrospinal Fluid is Potential Tumor-derived Biomarkers for CNS Germ Cell Tumors  
  Keita Terashima (Japan)

- **O-22** Integrative Epigenome Analysis Discloses Methylation-regulated miRs Involved in Therapy Resistance in GCTs  
  Tsung-Han Hsieh (Taiwan)

- **O-23** CNS Germinomas are Characterized by Global Demethylation, Chromosomal Instability and Mutational Activation of the Kit-, Ras/Raf/Erk- and Akt-pathways  
  Torsten Pietsch (Germany)

- **O-24** Genome-wide Methylation Profiles in Primary Intracranial Germ Cell Tumors Suggest Primordial Germ Cell Origin of Germinoma  
  Shintaro Fukushima (Japan)
Multiply Recurrent Yolk-sac Predominant Suprasellar Mixed Malignant Germ Cell Tumor Treated with Everolimus: A Case Report

Nathan J. Robison (USA)

15:30 - 16:30 Special Seminar sponsored by Chugai

Moderator: Keita Terashima (Japan)

SS-1 Development of Personalized Treatment for Patients with Intracranial Germ Cell Tumors
Ching C. Lau (USA)

SS-2 Molecular Pathogenesis of Intracranial Germ Cell Tumors
Koichi Ichimura (Japan)
Tuesday, April 14

08:30 - 10:15  **Session 5 Clinical Topics**

**Moderators:**  *Jason Fangusaro (USA), Takamitsu Fujimaki (Japan)*

- **O-26** Hearing Loss, Tinnitus and Pineal Germinoma: Parinaud’s Dorsal Midbrain Syndrome Revisited  
  *Diana Osorio (USA)*

- **O-27** An Update on the Clinical Diagnostic Value of β-hCG and αFP for Intracranial Germ Cell Tumors  
  *Mingming Hu (China)*

- **O-28** Germinomas can be Diagnosed without Histological Verification  
  *Ryuta Saito (Japan)*

- **O-29** High Diagnostic Value in Placental Alkaline Phosphatase Levels (PLAP): A New Marker for Intracranial Germ Cell Tumors  
  *Yasuo Aihara (Japan)*

- **O-30** Treatment Outcomes for Basal Ganglia Germinomas: Experience at a Single Institute  
  *Yi-Wei Chen (Taiwan)*

- **O-31** Non-germinomatous Germ Cell Tumors with Synchronous Pineal and Suprasellar Involvement  
  *Hung Ngoc Tran (USA)*

- **O-32** Bifocal Germinomas Treated with whole Ventricular Field of Radiation: To Boost or not to Boost?  
  *Lucie Lafay-Cousin (Canada)* ★Presenter replacing the first author

- **O-33** Evaluation of Surgery in Bifocal Germ Cell Tumors Treated according to the SIOP CNS GCT 96 Protocol  
  *Thomas Czech (Austria)*

- **O-34** Initial Presentation and Outcome of Bifocal Germinoma Treated according to SIOP CNS GCT 96  
  *Gabriele Calaminus (Germany)*

- **O-35** CSF Staging for the Germinoma: Does It Matter?  
  *Lucie Lafay-Cousin (Canada)*

10:20 - 12:25  **Session 6 Treatment**

**sponsored by The Japan Pediatric Brain Tumor Research Fund**

**Moderators:**  *Eric Bouffet (Canada), Seung Hoon Lee (Korea)*

- **O-36** A Multi-center Clinical Trial of CNS Germ Cell Tumours in Hong Kong  
  *Matthew Ming King Shing (Hong Kong SAR, China)*

- **O-37** The 1st Interim Report of the Multi-institutional, Prospective Phase 2 Study of Radio-chemotherapy for Primary Intracranial Germ Cell Tumors in Japan  
  *Masao Matsutani (Japan)*

- **O-38** The Children’s Oncology Group Current Approach in Treating Children with Newly Diagnosed Central Nervous System Localized Germinoma  
  *Soumen Khatua (USA)*
O-39 Primary Chemotherapy and 2nd Look Surgery for CNS NGGCT -single Institution Experience  
Chikako Kiyotani (Japan)

O-40 Evaluation of Neo-adjuvant Therapy (NAT) in Patients with Non-germinomatous Malignant Germ Cell Tumors  
Hideo Nakamura (Japan)

O-41 The Children’s Oncology Group Current Approach to Treat Children with Newly Diagnosed Central Nervous System Non-germinomatous Germ Cell Tumors  
Girish Dhall (USA)

O-42 Relapse and Outcome Patterns of CNS ‘SECRETING’ Germ Cell Tumors Treated without Irradiation: Findings from the Third International CNS GCT Study  
Jonathan Lester Finlay (USA)

O-43 The Relapse Pattern and Outcome of Recurrent Central Nervous System Germ Cell Tumours after Modern Multimodal Treatment  
Takaaki Yanagisawa (Japan)

O-44 Experience with a Metronomic Antiangiogenic Combination Therapy in Patients with Recurrent CNS Non-germinomatous Germ Cell Tumors  
Irene Slavc (Austria)

O-45 Preliminary Results of the Prospective Feasibility CNS GCT-4 Consortium Trial in Patients with Refractory/Recurrent CNS Germ Cell Tumors (GCT)  
Jonathan Lester Finlay (USA)

O-46 High Dose Chemotherapy with AutoPBSCT for Intracranial Germ Cell Tumor Relapsing in Young Adulthood  
Yoshiki Arakawa (Japan)

O-47 Chemotherapy-Only Strategy for Newly-Diagnosed CNS Germ Cell Tumors in Low- to Middle-Income Countries (L-MIC) : A Proposal  
Jonathan Lester Finlay (USA)

12:30 - 13:30 Lunch Time Seminar 2 sponsored by Novocure Ltd.  
Moderator: Ryo Nishikawa (Japan)

Tumor Treating Fields (TTFields) - a New Treatment Modality Against Solid Tumors  
Moshe Giladi (Israel)

14:00 Excursion

18:30 - 21:00 Banquet
Wednesday, April 15

09:00 - 11:30  **Consensus Statement Symposium sponsored by Eisai**

**Moderators:** James Nicholson (UK), Ryo Nishikawa (Japan)

**Symposiasts:** James Nicholson (UK), Matthew Jonathan Murray (UK),
Ute Bartels (Canada), Jason Fangusaro (USA), Thomas Czech (Austria),
Hidefumi Aoyama (Japan), Masao Matsutani (Japan), Ryo Nishikawa (Japan)

O-48  International Delphi Consensus for the Management of Intracranial Germ Cell Tumours

Matthew Jonathan Murray (UK)

11:30  Closing Remarks

Ryo Nishikawa (Japan)
Jonathan Lester Finlay (USA)

**Posters**

P-01  Long-term Outcomes and Late Complication for Central Nervous System Germinomas
Naoyuki Ohe (Japan)

P-02  Epidemiological Analysis of Paediatric Intracranial Germ Cell Tumour in Singapore
Nwe Mya Soe (Singapore)

P-03  Improvement of Long Term Results with Adjuvant Chemoradiation Therapy for Central Nervous System Germinoma
Shingo Takano (Japan)

P-04  Treatment of Primary Intracranial Germ Cell Tumors: Single Institution Experience of 74 Cases without Histologically Confirmed
Chengcheng Guo (China)

P-05  The Treatment Outcome of Intracranial Germinoma in a Single Institution
Etsuko Hattori (Japan)

P-06  Long-term Follow-up of Patients Treated for Intracranial Germinoma and Optimal Salvage Treatment Strategy for Recurrence
Toshiyuki Amano (Japan)

P-07  Clinical Characteristics of Non-pineal Germ Cell Tumors
Hiroaki Sakamoto (Japan)

P-08  Retrospective Analysis of Local Radiation with Chemotherapy for Germ Cell Tumors: Pre-Japan Pediatric Brain Tumor Consortium Registry
Kai Yamasaki (Japan)

P-09  Institutional Experience of Treatment Consideration for Primary Intracranial Germ Cell Tumors
Zhong-Ping Cheng (China)

P-10  Clinical Profiles of 132 Cases of Intracranial Germ Cell Tumors of the iGCT Consortium
Hirokazu Takami (Japan)
| P-11 | Clinical Course Before Diagnosis in Children with Neurohypophysial Germinoma  
      | Junko Ito (Japan) |
| P-12 | Second-look Surgery for Intracranial Germ Cell Tumors  
      | Hideki Ogiwara (Japan) |
| P-13 | Strategy and Clinical Results for Intracranial Non-germinomatous Germ Cell Tumors Induced Intensive Chemotherapy  
      | Teruyoshi Kageji (Japan) |
| P-14 | Non-germinomatous Germ Cell Tumors (NGGCT) of the Central Nervous System in Children: a Single Institutional Experience  
      | Hung Ngoc Tran (USA) |
| P-15 | Intensive Chemotherapy Followed by Reduced Dose Radiation for Intracranial Non-germinomatous Germ Cell Tumors  
      | Hiroyoshi Watanabe (Japan) |
| P-16 | Neuroendoscopic Management for CNS Germ Cell Tumors  
      | Kazuhiko Kurozumi (Japan) |
| P-17 | Neuro-Surgical Management of CNS Germ Cell Tumour; the Hong Kong Experience  
      | Matthew Ming Kong Shing (Hong Kong SAR, China) ★Presenter replacing the first author |
| P-18 | Differences of Histological and Clinical Characteristics in the Teratoma during the Treatment for Intracranial Germ Cell Tumors  
      | Masayuki Kanamori (Japan) |
| P-19 | Are Germinomatous Components Hidden in “Non-germinomatous” Teratomas?  
      | Takamitsu Fujimaki (Japan) |
| P-20 | Hypointensity Changes in T2*-weighted Image (T2*WI) and Susceptibility-weighted Image (SWI) of a Case with Cerebellar and Brain Stem Germinoma  
      | Takashi Sasayama (Japan) |
| P-21 | Relationship between Diagnostic Radiation Dose and Volumetric Changes of Primary Intracranial Germinomas before Chemoradiotherapy  
      | Naoki Kagawa (Japan) |
| P-22 | Pitfall of Serum hCG-β Test as a Tumor Marker in Patients with Suprasellar Germ Cell Tumors  
      | Seiichiro Eguchi (Japan) |
| P-23 | Intracranial Germinomas in a Father and His Son  
      | Kampei Shimizu (Japan) |
| P-24 | Successful Total Excision of an AFP Secreting Pineal Immature Teratoma Following Radiotherapy: a Case Report  
      | Kazutoshi Yokoyama (Japan) |
| P-25 | A Case of Recurrent Germinoma in the Optic Nerve with Turner Syndrome  
      | Nobuyuki Fukui (Japan) |
| P-26 | Mixed Germ Cell Tumor with Various Histopathological Features at Relapse  
      | Tomoko Waragai (Japan) |
| P-27 | Spinal Mixed Germ Cell Tumor Successfully Treated with Surgery, Radiotherapy, and Cisplatin-based Chemotherapy: A Case Report  
      | Shota Tanaka (Japan) |
| P-28 | Radiation Induced Glioblastomas in Patients Treated for Germ Cell Tumors  
<pre><code>  | Takahiro Yamamoto (Japan) |
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