



FIFTH INTERNATIONAL CNS GCT CONFERENCE
RENAISSANCE COLUMBUS DOWNTOWN HOTEL
JUNE 7, 2017 – JUNE 10, 2017

Wednesday June 7th

7:00–9:00 p.m. **Welcome Reception** – Renaissance Columbus Downtown – Cityview Terrace
50 N. Third Street, Columbus, OH

Thursday June 8th

7:00 a.m. **BREAKFAST**

8:00 a.m. **WELCOME:** Professor Jonathan Finlay, *Columbus, OH*

8:10 a.m. **THE WYSS FAMILY POPULATION AND MOLECULAR EPIDEMIOLOGY SESSION**
Chairs: Professor Eric Bouffet, *Toronto, Canada*; Dr. Jill Barnholtz-Sloan,
Cleveland, OH

Population Epidemiology

K1. Keynote Address: Dr. Jill Barnholtz-Sloan, *Cleveland, OH*

K2. Wyss Family Distinguished Lecture

Genetic Predisposition to Germ Cell Cancer Keynote
Professor Ching Lau, *Farmington, CT*

Oral Presentations

O1. Canadian Patterns of Practice for Intracranial Germ Cell Tumors in Adolescents
and Young Adults
Andrea Lo, *Toronto, Canada*

O2. Primary Central Nervous System (CNS) Germ Cell Tumors in Down Syndrome
Mohamed S. AbdelBaki, *Columbus, OH*

9:25 a.m.

NEUROLOGICAL CONSIDERATIONS

Sponsored by New York University School of Medicine in honor of Professor Jeffrey Allen

Chairs: Professor Steve Roach, *Columbus, OH*; Professor Roger Packer, *Washington, DC*

K3. Keynote Address: Professor David Walker, *Nottingham, UK*

K4. Lifetime Achievement Award: Professor Jeffrey Allen, *New York, NY*
Presented by Professor Roger Packer, *Washington, DC*

Oral Presentations

O3. Visual Complaints in Intracranial Germinomas
Professor Didier Frappaz, *Lyon, France*

O4. Necessity for Histological Verification of Germinoma with Bifocal Lesion, Diabetes Insipidus and Normal Levels of Tumor Markers
Masayuki Kanamori, *Sendai, Japan*

10:37 a.m.

MORNING COFFEE BREAK

11:00 a.m.

DIAGNOSTIC IMAGING

Chairs: Professor Marvin Nelson, *Los Angeles, CA*; Professor Jerome Rusin, *Columbus, OH*

K5. Keynote Address: Professor Andrew Peet, *Birmingham, UK*

Oral Presentations

O5. Magnetic Resonance Spectroscopy in the Diagnosis of Primary CNS Germ Cell Tumors
Professor Marvin Nelson, *Los Angeles, CA*

O6. Heme-sequences (Susceptibility Weighted Imaging and T2* Gradient Echo Sequences) in Midline and Off-midline Intra-cranial Germ Cell Tumors (GCT)
Giovanni Morana, *Genoa, Italy*

O7. Incidence of Optic Nerve Involvement in Pediatric Intracranial Germ Cell Tumors
Shannon M. MacDonald, *Boston, MA*

12:00 p.m.

NEUROSURGICAL PRACTICE

Sponsored by The Ohio State University Wexner Medical Center Department of Neurosurgery

Chairs: Professor Jeffrey Leonard, *Columbus, OH*; Professor Mark Souweidane, *New York, NY*

K6. Lifetime Achievement Award: Professor Maseo Matsutani, *Saitama, Japan*
Presented by Professor Ryo Nishikawa, *Saitama, Japan*
Sponsored by Saitama Medical University International Medical Center

K7. Keynote Address: Professor Ryo Nishikawa, *Saitama, Japan*

Oral Presentations

O8. Time for a Change in Strategy: Radical Surgical Resection of Newly Diagnosed Primary Central Nervous System Mixed Malignant Germ Cell Tumors
Professor Jeffrey R. Leonard, *Columbus, OH*

O9. Strategy for Central Nervous System Germ Cell Tumors with Residual Disease Following Chemotherapy and Radiotherapy
Tomonari Suzuki, *Saitama, Japan*

1:10 p.m.

LUNCH

2:00 p.m.

RADIATION ONCOLOGY PRACTICE

Sponsored by The Ohio State University Wexner Medical Center Department of Radiation Oncology

Chairs: Dr. Shannon MacDonald, *Boston, MA*; Professor Thomas Merchant, *Memphis, TN*; Dr. Erin Murphy, *Cleveland, OH*

K8. Keynote Address: Professor Thomas Merchant, *Memphis, TN*

Oral Presentations

O10. Dose-Reduced Radiotherapy with Platinum-Based Chemotherapy has Improved Quality of Life in the Long-Term Survivors with Central Nervous System Germinoma
Kazuhiko Sugiyama, *Hiroshima, Japan*

O11. The Relationship Between Ventricular Size and Whole Brain Irradiation Dose in Central Nervous System Germ Cell Tumors
Stephanie Toll, *Los Angeles*

O12. Emergency Radiotherapy for Rapid Deterioration of Patients with Critical Intracranial Germ Cell Tumors – Twenty Case Reports
Linbo Cai, *Guangzhou, China*

O13. Long-term Experience with Whole Ventricle Irradiation (WVI) for Central Nervous System (CNS) Germinoma
Alice Indini, *Milano, Italy*

O14. A 40-Year Multi-Institutional Review of Intracranial Germ Cell Tumors in Adolescents and Young Adults
Andrea Lo, *Toronto Canada*

- 3:20 p.m. **AFTERNOON TEA/ICE CREAM BREAK with POSTER PRESENTATIONS**
Poster Moderators: Blanca Diez, *Buenos Aires, Argentina*; Takamitsu Fujimaki, *Saitama, Japan*
- 4:20 p.m. **LATE EFFECTS/QUALITY OF SURVIVAL**
Chairs: Professor Charles Sklar, *New York, NY*; Professor Steven Sands, *New York, NY*
- K9. Keynote Address:** Professor Steven Sands, *New York, NY*
- K10. Keynote Address:** Professor Charles Sklar, *New York, NY*
- Oral Presentations**
- O15. Neurocognitive Outcomes and Dosimetric Correlates in Central Nervous System Germ Cell Tumors: The St. Jude Experience
 Christopher L. Tinkle, *Memphis, TN*
- O16. Neurocognitive and Psychological Functioning in Pediatric Patients with Intracranial Germ Cell Tumors (GCT) After Treatment
 Sonia Di Profio, *Genoa, Italy*
- 5:40 p.m. **ADJOURN**
- 6:30 p.m. **Gala Dinner** – Columbus Museum of Art
 480 E. Broad Street, Columbus, OH

Friday, June 9th

- 7:00 a.m. **BREAKFAST**
- 8:00 a.m. **THERAPEUTICS OVERVIEW**
 Professor Jonathan Finlay, Conference Chair, *Columbus, OH*
- K11. Keynote Address:** Dr. Lindsay Frazier, *Boston, MA*
- 8:30 a.m. **PURE CNS GERMINOMAS**
Chairs: Professor James Nicholson, *Cambridge, UK*; Dr. Ute Bartels, *Toronto, Canada*;
 Dr. Soumen Khatua, *Houston, TX*
- Oral Presentations**
- O17. The Second Interim Report of the Multi-institutional, Prospective Phase II Study of Radio-chemotherapy for Primary Intracranial Germinomas in Japan
 Professor Masao Matsutani, *Saitama, Japan*

O18. Value of Positive Cerebrospinal Fluid Cytology Without Further Macroscopic Dissemination in Patients with Intracranial Germinoma. Is There Room for Reduction of Treatment?

Professor Gabriele Calaminus, *Bonn, Germany*

O19. Preliminary Results of a Brazilian Central Nervous System Germ Cell Tumor Consortium Protocol

Andrea Cappellano, *Sao Paulo, Brazil*

O20. Clinical and Neuropsychological Outcome of Pediatric Non-Midline Central Nervous System Germinoma Treated with Chemotherapy and Reduced Dose/Volume Irradiation: Children's Hospital Los Angeles Experience

Kee Kiat Yeo, *Los Angeles, CA*

9:30 a.m.

MORNING COFFEE BREAK

10:00 a.m.

MIXED MALIGNANT GERM CELL TUMORS

Chairs: Professor Gabriele Calaminus, *Bonn, Germany*; Dr. Girish Dhall, *Los Angeles, CA*

K12. Keynote: Professor Eric Bouffet, *Toronto, Canada*

Oral Presentations

O21. Impact on Outcome of Human Chorionic Gonadotropin-Beta (HCG β) Elevations Alone in SIOP CNS GCT 96 Patients Treated as Non-geminomatous/Secreting Germ Cell Tumors (NGGCT) – Are we Over-Treating Germinoma?

Dr. James C. Nicholson, *Cambridge, UK*

O22. Single Institution Experience with Intracranial Germ Cell Tumors Treated According to the SIOP CNS GCT Protocols

Irene Slavic, *Vienna, Austria*

11:00 a.m.

TERATOMA, MATURE AND IMMATURE

Chairs: Professor Tai-Tong Wong, *Taipei, Taiwan*; Dr. Andrea Cappellano, *Sao Paulo, Brazil*

K13. Keynote Address: Dr. Maria Luisa Garrè, *Genova, Italy*

11:30 a.m.

LUNCH

1:00 p.m.

RECURRENT CNS GERM CELL TUMORS

Chairs: Professor Stewart Kellie, *Sidney, Australia*; Dr. Sharon Gardner, *New York, NY*; Dr. Jason Fangusaro, *Chicago, IL*

K14. Keynote Address: Dr. Darren Feldman, *New York, NY*

Oral Presentations

O23. National Survey for Relapsed Central Nervous System (CNS) Germ Cell Tumors (GCT) by the Japan Children's Cancer Group
Keita Terashima, *Tokyo, Japan*

O24. Relapse Pattern and Treatment Outcome of Recurrent Central Nervous System Germ Cell Tumors
Takaaki Yanagisawa, *Tokyo, Japan*

O25. New Approaches to the Management of Recurrent Central Nervous System (CNS) Germinoma in the Current Molecular Era
Diana S. Osorio, *Columbus, OH*

O26. Treatment and Outcomes of Central Nervous System Non-germinomatous Germ Cell Tumors with Early Relapse during Induction Chemotherapy
Dr. Girish Dhall, *Los Angeles, CA*

O27. New Approaches to the Management of Recurrent Central Nervous System (CNS) Mixed Malignant Germ Cell Tumors (MMGCT) in the Current Molecular Era
Mohamed S. AbdelBaki, *Columbus, OH*

O28. Severe Central Nervous System (CNS) Damage Following High Dose Irradiation and Subsequent Multiple Cycle Marrow-Ablative Chemotherapy for Pediatric/Adolescent Recurrent CNS Malignant Germ Cell Tumors
Rolla Abu-Arja, *Columbus, OH*

2:50 p.m.

GERM CELL CANCER METASTATIC TO THE CNS

Chairs: Dr. Mark Ranalli, *Columbus, OH*; Professor Vinay Pudovalli, *Columbus, OH*

K15. Keynote Address: Dr. Mark Ranalli, *Columbus, OH*

3:20 p.m.

AFTERNOON TEA/ICE CREAM BREAK

4:00 p.m.

MANAGEMENT OF CNS GERM CELL TUMORS IN DEVELOPING COUNTRIES

Chairs: Professor Rakesh Jalali, *Mumbai, India*; Professor Zhong-ping Chen, *Guangzhou, China*; Dr. Ibrahim Qaddoumi, *Memphis, TN*

K16. Keynote Address: Professor Rakesh Jalali, *Mumbai, India*

K17. Keynote Address: Professor Zhong-ping Chen, *Guangzhou, China*

Oral Presentations

O29. Central Nervous System Germ Cell Tumors: Experience of a Referral Center in Guatemala
Ana Verónica Girón, *Guatemala City, Guatemala*

O30. New Approaches to the Irradiation-Free Management of Central Nervous System (CNS) Germ Cell Tumors (GCT) in the Developing World
Professor Jonathan L. Finlay, *Columbus, OH*

5:25 p.m. **ROUND TABLE DISCUSSION AND OPEN FORUM: THE FUTURE MANAGEMENT OF CNS GERM CELL TUMORS – IN WHICH DIRECTION?**

Chairs: Professor Jonathan Finlay, *Columbus, OH*; Professor Jeffrey Leonard, *Columbus, OH*

Participants: Professor Mark Souweidane, Professor Thomas Merchant, Professor Ryo Nishikawa, Professor Rakesh Jalali, Professor Tai-Tong Wong, Professor Eric Bouffet, Professor Gabriel Calaminus, Professor Jeffrey Allen, Professor Maseo Matsutani

6:15 p.m. **FRIDAY EVENING FREE FOR REGISTRANTS**

Saturday, June 10th

7:00 p.m. **BREAKFAST**

8:00 a.m. **DEVELOPMENTAL BIOLOGY OF GERM CELL TUMORS**
Sponsored by Alex's Lemonade Stand Foundation for Childhood Cancer
Chairs: Professor Koichi Ichimura, *Tokyo, Japan*; Professor Azim Surani, *Cambridge, UK*

K18. Keynote Address: Professor Koichi Ichimura, *Tokyo, Japan*

K19. Keynote Address: Professor Azim Surani, *Cambridge, UK*

9:00 a.m. **PATHOLOGY AND MOLECULAR BIOLOGY OF CNS GERM CELL TUMORS**
Sponsored by The Matthew Larson Foundation for Pediatric Brain Tumors
Chairs: Dr. Matthew Murray, *Cambridge, UK*; Professor Ching Lau, *Farmington, CT*

K20. Keynote Address: Dr. James Amatruda, *Dallas, TX*

K21. Keynote Address: Professor Bette Kelinschmidt-DeMasters, *Denver, CO*

10:00 a.m. **MORNING COFFEE BREAK**

10:45 a.m. **PATHOLOGY AND MOLECULAR BIOLOGY OF CNS GERM CELL TUMORS (continued)**
K22. Keynote Address: Professor Elaine Mardis, *Columbus, OH*

Oral Presentations

O31. Towards Non-invasive MicroRNA-based Diagnosis and Risk-Stratification of Central Nervous System (CNS) Malignant Germ Cell Tumors: A Proposed Pathway
Dr. Matthew Murray, *Cambridge, UK*

O32. Correlation of Clinical and Molecular Aspects of Central Nervous System Germ Cell Tumors: A Clinical and Research Experience in a Cohort Series in Taiwan
Professor Tai-Tong Wong, *Taipei, Taiwan*

O33. PD-L and PD-1 are Associated with Tumor-Infiltrating Lymphocytes in Intracranial Germinoma
Yoshiki Arakawa, *Kyoto, Japan*

11:55 a.m. **CLOSING REMARKS:** Professor Jonathan Finlay, *Columbus, OH*; Professor Gabriele Calaminus, *Bonn, Germany*

12:15 p.m. **ADJOURN - LUNCH**