International Symposium on Pediatric Neuro-Oncology

Program

THURSDAY, JUNE 1,1989

6:00 pm REGISTRATION

POSTER SESSION #1

WINE & CHEESE RECEPTION

1:25 pm Cortical and Brain Stem Anaplastic Gliomas
Jonathan Finlay, MD

1:40 Supplementation of Radiation in Young Children
Russell Geyer, MD

COFFEE BREAK

1:55 POSTER SESSION #2 CONTINUED

FRIDAY, JUNE 2, 1989

7:15 am REGISTRATION

CONTINENTAL BREAKFAST

8:00 Epidemiology and Etiology of CNS Cancer in Children
Jacqueline Farwell, MD Thomas Pendergrass, MD

ADVANCES IN DIAGNOSIS

Facilitators: Robert Zimmerman, MD, David Brewer, MD

8:30 Pathologic Nosology: Significant or Semantic?
Lucy Rock, MD

9:00 Gadolinium MRI: Gadfly or Godsend?
Robert Zimmerman, MD

9:20 PET Scanning
Kenneth Krohn, PhD

9:35 NMR Spectroscopy
Leslie Sutton, MD

9:50 COFFEE BREAK

POSTER SESSION #2

ADVANCES IN SURGERY

Facilitators: Mitchel Berger, MD, Luis Schut, MD

10:15 Surgery of Spinal Cord and Brain Stem
Fred Epstein, MD

10:45 Posterior Fossa Surgery
Luis Schut, MD

11:05 Cortical Mapping
Mitchel Berger, MD

11:25 Surgical Approach to Craniopharyngioma
Leslie Sutton, MD

11:45 LUNCH BREAK

POSTER SESSION #2 CONTINUED

12:30 ADVANCES IN CHEMOTHERAPY
**Facilitators:** Jonathan Finlay, MD, Russell Geyer, MD

### ADVANCES IN RADIOTHERAPY

**Facilitators:** Brian Griffin, MD, Mitchel Berger, MD

#### 1:10 Medulloblastoma and Other CNS Primitive Neuroectodermal Tumors
Roger Packer, MD

#### 2:15 Prospects for 1990-2000
Larry Kun, MD

#### 2:40 Dosimetry: The New Technology
Brian Griffin, MD

#### 2:50 Hyperfractionation
Larry Kun, MD

### FREE PAPERS: CLINICAL SESSION #1

**Moderators:** Archie Bleyer, MD, Jonathan Finlay, MD

#### Ependymoma

- **3:15** Davis Schiffer, MD, Italy
  - Ependymomas of Childhood: Pathological Study of 100 Cases for Survival Analysis
- **3:25** Joel Goldwein, MD, Philadelphia
  - Intracranial Ependymomas in Children
- **3:35** Ilene Lefkowitz, MD, Cinn.
  - Adjuvant Chemotherapy of Childhood Posterior Fossa Ependymoma: Craniospinal Radiation with and without CCNU, Vincristine and Prednisone

#### Germ Cell Tumors

- **3:35** Masao Matsutani, MD, Japan
  - Long-Term Follow-Up of Patients with Primary Intracranial Germinomas
- **3:45** Tatuya Kobayashi, MD, Japan
  - Combination Chemotherapy with Cisplatin and Etoposide for Intracranial Germ Cell Tumors
- **3:55** Osamu Hayashida, MD, Japan
  - Combination Chemotherapy with Etoposide and Cisplatin to the Intracranial Germ Cell Tumors

#### Medulloblastoma

- **3:55** F. Fossati-Bellani, MD, Italy
  - Pre-Radiation Chemotherapy for Childhood and Poor-Prognosis Medulloblastoma

#### Spinal Cord Tumors

- **3:55** Samuel Lassoff, MD, New York
  - Intramedullary Spinal Cord Tumors in Children

5:30 ADJOURN

### FREE PAPERS: BASIC SCIENCE

**Moderators:** Francis Ali-Osman, PhD, Beverly Emanuel, PhD

#### ADVANCES IN BASIC SCIENCE

**Facilitators:** Francis Ali-Osman, PhD, Beverly Emanuel, PhD

- **8:00** Molecular Cytogenetics
  - Beverly Emanuel, PhD
- **8:20** In Vitro Chemosensitivity Testing and Predictability
  - Francis Ali-Osman, PhD
- **8:40** Reversing Drug Resistance
  - Mitchel Berger, MD
- **9:00** CNS Radioprotectors
  - Alexander Spence, MD
- **9:15** NMR Spectroscopy
  - Grant Steen, PhD
- **9:30** COFFEE BREAK

#### POSTER SESSION #3

### FREE PAPERS: BASIC SCIENCE

**Moderators:** Francis Ali-Osman, PhD, Beverly Emanuel, MD

- **9:50** PC Phillips et al., Baltimore

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**SATURDAY, JUNE 3, 1989**

- **7:30 am** Continental Breakfast

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**Program**

- **8:00 am** Molecular Cytogenetics
- **8:20 am** In Vitro Chemosensitivity Testing and Predictability
- **8:40 am** Reversing Drug Resistance
- **9:00 am** CNS Radioprotectors
- **9:15 am** NMR Spectroscopy
- **9:30 am** COFFEE BREAK

**2:30 pm** PC Phillips et al., Baltimore
<table>
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<tr>
<th>Time</th>
<th>Speaker</th>
<th>Location</th>
<th>Title</th>
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<tbody>
<tr>
<td>10:05</td>
<td>WM Molenaar et al</td>
<td>Philadelphia</td>
<td>Methionine Positron Emission Tomography in Diagnostic and Treatment Evaluation of Childhood Brain Tumors</td>
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<tr>
<td>10:20</td>
<td>RP Moser et al</td>
<td>Houston</td>
<td>Immunohistology in the Diagnosis of Pediatric Brain Tumors</td>
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<td>10:35</td>
<td>C Raffel</td>
<td>Los Angeles</td>
<td>The Search for the Primitive Neuroectodermal Tumor Gene</td>
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<tr>
<td>10:50</td>
<td>AF Mulne et al</td>
<td>Dallas</td>
<td>Methotrexate and Dipyridamole are Synergistic for Cytotoxicity of Medulloblastoma Cells In Vitro</td>
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**FREE PAPERS: CLINICAL SESSION #2**

**Moderators:** Roger Packer, MD, Jerrold Milstein, MD

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<tbody>
<tr>
<td>11:05</td>
<td>J Ater et al</td>
<td>Houston</td>
<td>Update on MOPP Chemotherapy as Primary Therapy for Infant Brain Tumors</td>
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<tr>
<td>11:20</td>
<td>S Kellie et al</td>
<td>Memphis</td>
<td>Pediatric Brain Tumors with Neuraxis Dissemination at Diagnosis: Response to Preirradiation Chemotherapy</td>
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<tr>
<td>11:35</td>
<td>C Kalifa et al</td>
<td>France</td>
<td>Preliminary Results of a Phase II Study of High Dose Busulfan and ThioTEPA in Children with Recurrent Brain Tumors</td>
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<tr>
<td>11:55</td>
<td>JS Miser et al</td>
<td>Rochester, Minnesota</td>
<td>Treatment of Children with Recurrent Brain Tumors with Ifosfamide, Etoposide, and Mesna</td>
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12:10 LUNCH BREAK

1:00 POSTER SESSION #3 CONTINUED

**NEW THERAPEUTIC MODALITIES AND SUPPORTIVE CARE**

**Facilitator:** Archie Bleyer, MD

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<tr>
<td>1:30</td>
<td>Roger Packer</td>
<td>MD TRITON BIOSCIENCES LECTURE</td>
<td>Biologic Agents</td>
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<tr>
<td>1:50</td>
<td>Jonathan Finlay</td>
<td>MD LEEHLE LECTURE</td>
<td>Marrow Grafting and High-Dose Chemotherapy</td>
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<tr>
<td>2:10</td>
<td>Larry Corey</td>
<td>MD BURROUGHS WELLCOME LECTURE</td>
<td>Antiviral Therapy</td>
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<td>3:00</td>
<td>Larry Kun</td>
<td>MD ADVERSE EFFECTS OF THERAPY</td>
<td>Radiotherapy Residua</td>
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<td>3:30</td>
<td>Steve Salzbacher</td>
<td>MD ADVERSE EFFECTS OF THERAPY</td>
<td>Neuropsychologic Sequelae</td>
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<td>3:50</td>
<td>Jon McCellan</td>
<td>MD ADVERSE EFFECTS OF THERAPY</td>
<td>Psychiatric Sequelae</td>
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<td>4:10</td>
<td>Jerrold Milstein</td>
<td>MD ADVERSE EFFECTS OF THERAPY</td>
<td>Postoperative Posterior Fossa Syndrome</td>
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4:30 Archie Bleyer, M.D. Roger Packer, M.D.

5:00 ADDUEN

6:00 PICNIC AT WATERFRONT ACTIVITIES CENTER, UNIVERSITY OF WASHINGTON
Program

FACULTY

PROGRAM COORDINATORS

W. Archie Bleyer, M.D.
American Cancer Society Professor of Clinical Oncology, University of Washington School of Medicine; Director, Jennifer Sacco CNS Research Laboratories, Children’s Hospital and Medical Center, Seattle

Roger J. Packer, M.D.
Associate Professor of Neurology and Pediatrics, University of Pennsylvania; Director, Neuro-Oncology Program, Children’s Hospital of Philadelphia, Philadelphia

COURSE CHAIRMEN

Mitchel Berger, M.D.
Assistant Professor of Neurosurgical Surgery, University of Washington School of Medicine; Northwest Neuro-Oncology Research Laboratory, Seattle

Luis Schut, M.D.
Professor of Neurosurgery, University of Pennsylvania School of Medicine; Head, Division of Neurosurgery, Children’s Hospital of Philadelphia, Philadelphia

GUEST FACULTY

Fred Epstein, M.D.
Professor of Neurosurgery, New York University, New York City

Naoki Kageyama, M.D.
Emeritus Professor, Nagoya University; Director, Kishiwada Hospital, Nagoya, Japan

Larry E. Kan, M.D.
Professor of Radiation Oncology, University of Tennessee School of Medicine; Department of Radiation Oncology, St. Jude Children’s Cancer Research Center, Memphis

UNIVERSITIES OF WASHINGTON AND UNIVERSITY OF PENNSYLVANIA FACULTIES

Francis Ali-Osman, Ph.D.
Assistant Professor of Neurosurgery, University of Washington School of Medicine; Director, Northwest Neuro-Oncology Research Laboratory, Seattle

David K. Brewer, M.D.
Associate Professor of Radiology, University of Washington School of Medicine

Lawrence Corey, M.D.
Professor of Laboratory Medicine and Microbiology; Adjunct Professor of Medicine and Pediatrics, University of Washington School of Medicine, Seattle

Beverly S. Emanuel, Ph.D.
Director, Cytogenetics Laboratory, Children’s Hospital of Philadelphia; Professor of Pediatrics and Human Genetics, University of Pennsylvania, Philadelphia

Jacqueline R. Farwell, M.D.
Associate Professor of Neurological Surgery and Pediatrics, University of Washington School of Medicine, Seattle

Jonathan L. Finlay, M.D.
Associate Professor of Pediatrics, University of Pennsylvania School of Medicine, Philadelphia

J. Russell Geyer, M.D.
Assistant Professor of Pediatrics, University of Washington School of Medicine, Seattle

Brian R. Griffin, M.D.
Assistant Professor of Radiation Oncology, University of Washington School of Medicine, Seattle

Kenneth A. Krohn, Ph.D.
Professor of Radiology, University of Washington School of Medicine, Seattle

Jon McClellan, M.D.
Assistant Professor of Psychiatry, University of Washington School of Medicine, Seattle

Jerold M. Mikstein, M.D.
Associate Professor of Pediatrics, Neurology, University of Washington School of Medicine; Head, Pediatric Neurology, Children’s Hospital and Medical Center, Seattle

Thomas W. Pendergrass, M.D.
Associate Professor of Pediatrics, University of Washington School of Medicine, Seattle

Lucy B. Rorke, M.D.
Professor of Neuropathology, University of Pennsylvania School of Medicine, Children’s Hospital of Philadelphia, Philadelphia

Alexander M. Spence, M.D.
Professor of Medicine, Neurology, and Pathology, University of Washington School of Medicine, Seattle
R. Grant Steen, Ph.D.
Assistant Professor of Radiology, University of Washington School of Medicine, Seattle

Stephen I. Sulzbacher, Ph.D.
Associate Professor of Psychiatry, Behavioral Sciences and Pediatrics, University of Washington School of Medicine, Seattle

Leslie N. Sutton, M.D.
Assistant Professor of Neurosurgery, University of Pennsylvania School of Medicine, Children’s Hospital of Philadelphia, Philadelphia

Robert A. Zimmerman, M.D.
Professor of Radiology, University of Pennsylvania School of Medicine, Philadelphia