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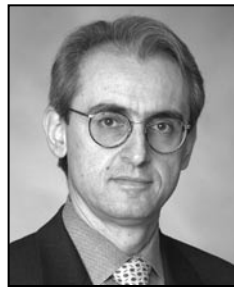
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Sixth Biennial Satellite Symposium

Tumor Section Leadership

Chairman's Message

So Much To Do, So Many Talents



Raymond Sawaya, MD

The AANS/CNS Section on Tumors is blessed with a wonderfully talented and committed group of executives who are hard at work advancing the causes of our section.

In addition to the regular activities of each subcommittee, several special projects are underway. These include a comprehensive bibliography on the history of brain tumor surgery, a survey on the use of anticonvulsants during craniotomy, guidelines for the management of malignant gliomas, a special issue of the *Journal of Neuro-Oncology* on state-of-the-art of neurosurgical oncology, and a survey on the workforce status of neurosurgical oncology in North American neurosurgical training programs. The completion of the accreditation process of neurosurgical oncology fellowship programs is imminent, and several codes relevant to neuro-oncology are being developed, as is a survey of the needs of our members that will assist in directing our efforts and resource allocations.

In line with the missions of our parent organizations, the American Association of Neurological Surgeons (AANS) and the Congress of Neurological Surgeons (CNS), the Section on Tumors is reaching out to our international colleagues. To that end, we are most fortunate to have among our ranks top leaders from the four corners of the globe: Reynaldo Brandt, MD, representing South America; Christian Tonn, MD, representing Northern Europe; Francisco DiMeco, MD, representing Southern Europe; and Fumio Yamaguchi, MD, representing Asia. All four members are established leaders in their countries and all four are

committed to the ambassadorship role that their positions imply. The Section on Tumors is indeed indebted to their commitment and efforts.

20th Anniversary Celebration

The year 2004 marks the 20th anniversary of the establishment of the Section on Tumors. It took the tenacious determination of Mark Rosenblum, MD, the section's founding chairman, and his vision and persistent guidance, followed by the wise stewardship of six additional chairmen, to bring us to this milestone. The celebration will take place in San Francisco during the Sixth Biennial Tumor Symposium, Oct. 21-22. Outstanding scientific and social programs are being developed for that occasion and the presence of each and every member of the section is highly encouraged. In the meantime, let's meet in Orlando, Fla., in May where an exciting Tumor Section program will take place.

World Federation of Neurological Surgeons (WFNS) Tumor Section Meeting

Jaipur, India: Oct. 11-13, 2004

Satellite Meeting:

Kolkata, India, Oct. 15-16, 2004

International Experts in Surgery, Radiation, Medical and Research in Neuro-Oncology

Organizers:

- Main Meeting: A. Guha and J. Rutka, Canada; S. Dharker, India; contacts: SandiAmaral@uhn.on.ca; dharker@sancharnet.in
- Satellite Meeting: R. Sengupta, United Kingdom; contact: R.Sengupta@nuth.northy.nhs.uk

Tumor Highlights at the 2004 AANS Annual Meeting

Ennio Antonio Chiocca, MD

The Special Symposium on Wednesday, May 5, at the 2004 AANS Annual Meeting in Orlando will illustrate the latest advances and current state of the art in adjuvant therapies for tumors of the central nervous system. Two topics related to controversies in the therapeutic management of central nervous system tumors will be highlighted.

For the first topic, Henry Brem, MD, chairman of neurosurgery at Johns Hopkins Hospital, will discuss the use of local intracavitary chemotherapy in the management of patients with malignant gliomas. Jeff Bruce, MD, from Columbia University will discuss delivery of therapies using another form of local application (convection-enhanced delivery). Gene Barnett, MD, from the Cleveland Clinic will summarize and moderate this session.

For the second topic, Donlin Long, MD, from Johns Hopkins Hospital will discuss the use of microsurgery in the treatment of vestibular schwannomas, while Doug Kondziolka, MD, from Pittsburgh will relate the use of radiosurgery. Fred G. Barker, MD, from Massachusetts General Hospital will summarize and moderate this session.

Meeting details are available at www.AANS.org/annual/2004.

Sunday, May 2, 2004

8:00 AM–5:00 PM

031 – Update on Tumors for the General Neurosurgeon

Director: Jeffrey N. Bruce

Faculty: Osama Al-Mefty, Raymond Sawaya, James T. Rutka, Corey Raffel, Joseph M. Piepmeyer, Thomas C. Origiano, Mitchel S. Berger, Michael W. McDermott, Jack P. Rock

1:00–5:00 PM

040 – Non-Invasive Preoperative and Intraoperative Brain Mapping

Director: Isabelle M. Germano

Faculty: Mitchell S. Berger, Peter McL. Black, Rudolph Fahlbusch, Charles Joseph Hodge, Michael Schulder, William D. Tobler

Monday, May 3, 2004

7:30 AM–9:30 AM

101 – How I Do It: Acoustic Tumors

Moderator: Madjid Samii

Panelists: Kalmon D. Post, L. Dade Lunsford, Howard M. Eisenberg

124 – Malignant Brain Tumors: State-of-the-Art Treatment

Moderator: Mitchel S. Berger

Panelists: Andrew T. Parsa, Manfred Westphal, Matthew G. Ewend

SCIENTIFIC SESSION I

2:45–3:15 PM

Moderator: Henry Brem

BITTNER AWARD WINNER

3:15–3:30 PM

707 – Changes in Myogenic Transcranial Motor Evoked Potential Responses During Intramedullary Spine Cord Tumor Resection Predicts Severity of Postoperative Motor Function

Authors: Alfred Quinones-Hinojosa, Russ Lyon, Gabriel Zada, Kathleen Lamborn, Nalin Gupta, Michael McDermott, Philip Weinstein

Discussant: Paul C. McCormick

3:30–3:45 PM

708 – Craniofacial Resections in the Elderly: An Outcome Study

Authors: Remi Nader, Stephen J. Henschel, Amer Dastgir, Dima Suki, David Callender, Franco DeMonte

Discussant: Isabelle M. Germano

3:45–4:00 PM

709 – Vaccination of Patients With Malignant Glioma With Tumor Lysate-Pulsed Dendritic Cells Elicits Antigen-Specific Cytotoxicity

Authors: John S. Yu, Christopher J. Wheeler, Gentao Liu, Han Ying, William H. Yong, Asha Das, Keith Black

Discussant: Maciej S. Lesniak

4:00–4:15 PM

710 – Safety of Convection Enhanced Drug Delivery in Functional Human Tissue: Experience From Phase I Studies

Authors: Sandeep Kunwar, Michael Prados, Susan Chang, Mitchel S. Berger

Discussant: Peter McL. Black

4:15–4:30 PM

711 – Inducible Anti-Excitotoxic Adenoviral Gene Therapy Improves Survival in a Nude Mouse Intracranial Human Glioma Model

Authors: Kyle Weaver, Kaleb Yohay, Raqeeb Haque, David Johns, Betty Tyler, Jeffrey D. Rothstein, Henry Brem

Discussant: Frederick F. Lang

4:30–4:45 PM

712 – Endocrine-Inactivity Pituitary Adenomas: Long-Term Outcomes Following Transsphenoidal Surgery

Authors: Edward F. Chang, Gabriel Zada, Charles B. Wilson, Sandeep Kunwar

Discussant: Kalmon D. Post

4:45–5:00 PM

713 – Have We Made Any Progress in the Treatment of Glioblastoma Multiforme? The Brigham and Women's Hospital Experience 1987–2001

Authors: Peter McL. Black, Thomas Picht, Elizabeth Blood, Ronghui Xu

Discussant: Raymond Sawaya

5:00–5:15 PM

714 – Craniotomy for Meningiomas in the United States, 1988–2000: Decreasing Mortality and the Effect of Hospital Volume

Authors: William T. Curry, Michael W. McDermott, Bob S. Carter, Fred G. Barker

Discussant: Beverly C. Walters

Tuesday, May 4, 2004

7:30–9:30 AM

209 – Advances in the Management of Pediatric Brain Tumors

Moderator: Corey Raffel

Panelists: Jeffrey H. Wisoff, Frederick A. Boop, Mark M. Souweidane

210 – Pituitary Tumors: State-of-the-Art

Moderator: Gail L. Rosseau

Panelists: William T. Couldwell, Rudolph Fahlbusch, Martin H. Weiss, Daniel F. Kelly

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Secretary-Treasurer's Report

Ron Warnick, MD

The Executive Committee of the AANS/CNS Section on Tumors held a productive meeting on Oct. 20 in Denver. The section remains in sound financial condition with net assets of \$262,786. Approximately 80 percent of section assets are maintained in a checking account or money market fund with interest ranging from 0.56 percent to 1.4 percent, whereas the remainder is held in long-term investments. We are investigating the possibility of transferring \$100,000 to an intermediate-term, fixed-interest investment that would accrue greater income for the section. With regard to the 20 percent of section assets that are in long-term pool investments, 50 percent of this money resides in domestic funds, 10 percent in international funds and 40 percent in fixed-interest holdings. Whereas the total gain from our long-term investments in fiscal 2003 was \$3,200, there already has been a gain of \$1,800 in the first quarter of fiscal 2004 that reflects the more favorable market.

The fiscal 2003 statement of activities has been finalized, and there was net revenue of \$1,268. Following the 2003 Annual Meeting of the American Association of Neurological Surgeons (AANS) in San Diego, a budget conference call took place involving Raymond Sawaya, MD, chair; Ron Warnick, MD, secretary-treasurer; Ronald Engelbreit, CPA, AANS deputy executive director; John McConvill, AANS section accountant, and Heather Monroe, AANS liaison to the Section on Tumors. The fiscal 2004 operational budget has now been completed, with projected net revenue of \$7,675. The major sources of revenue continue to be dues (\$39,000), contributions from national brain tumor organizations (\$23,000), and contributions from the parent organizations (\$8,500). The major expenses for fiscal 2004 include contributions to the Washington Committee (\$10,000) and Neurosurgeons to Preserve Health Care Access (\$10,000), honoraria and awards (\$25,000), and AANS staff coordination (\$10,300).

Neuro-Oncology Fellowship Accreditation: In Progress

By Franco DeMonte, MD

The pursuit of accreditation for fellowships in neurosurgical oncology continues. On Dec. 6, the Committee on Accreditation of Subspecialty Training (CAST) of The Society of Neurological Surgeons met and reviewed the documents that the AANS/CNS Section on Tumors had submitted. By report, all was found to be in order, and details about submission of applications for fellowship accreditation will be forthcoming.

The Subcommittee on Fellowship Training stands ready to assist those who are interested in pursuing accreditation of their programs. A request for program information recently was sent out by e-mail, but it elicited only a few responses. I urge the membership to forward information about their fellowship programs to me at fdemonte@mdanderson.org so that we can assist in your program's application for accreditation.

Membership in the AANS/CNS Section on Tumors

Gene Barnett, MD

Why join the AANS/CNS Section on Tumors? Consider the following benefits:

Formal acknowledgement of your special interest in tumors

- Enhanced credibility with tumor patients and in medicolegal activities

Semiannual newsletter

- Latest news on section activities
- Minutes of the Executive Committee meetings
- Announcement of clinical trials
- Interesting articles on advances in brain tumor management

50 percent discount on the *Journal of Neuro-Oncology* (the official journal of the AANS/CNS Section on Tumors)

- A multi-disciplinary journal encompassing basic, applied, and clinical investigations in all research areas as they relate to cancer and the central nervous system

Reduced registration at the section's Biennial Tumor Satellite Symposium

- Up-to-date clinical and basic research on nervous system tumors presented by leaders in the field

Access to colleagues with similar interests

- Neurosurgeons with interest in peripheral, primary and metastatic CNS, skull base and spinal tumors

Membership also helps support the activities of the section, which serves as the official voice of American Association of Neurological Surgeons (AANS) and the Congress of Neurological Surgeons (CNS) in matters related to tumors. The AANS/CNS Section on Tumors deals with a myriad of tumor-related issues including new Current Procedural Terminology codes, resident and fellowship education, and research initiatives, and it supports organized neurosurgery in areas pertinent to the scope of neurosurgical tumor practice and policy.

Active membership is available to members of the AANS and/or the CNS with an interest in tumors. International and Adjunct (non-neurosurgeon) memberships also are available (see details at www.neurosurgery.org/tumor/memberinfo.html)

How to Apply. Complete the form, available at www.neurosurgery.org/tumor/tumor%20application.pdf, and mail it to Gene Barnett, MD, Brain Tumor Institute—S80, The Cleveland Clinic, 9500 Euclid Avenue, Cleveland, OH 44195.

Immunotherapy Task Force

Roberta Glick, MD

Despite surgery, radiation and chemotherapy, the prognosis for most patients with malignant brain tumors remains poor. Thus, new therapies are urgently needed. In response to numerous inquiries by patients, medical physicians, and other neurosurgeons regarding the role of immunotherapy for malignant brain tumors, in October 2000 the Immunotherapy Task Force was organized. This group is an international, multidisciplinary research group dedicated to creating a "neural environment" that facilitates communication and research.

The task force members are both clinical physicians—including neurosurgeons, neurologists, pathologists, and radiation therapists—and basic scientists working in the field of neuro-oncology. The first meeting of the Immunotherapy Task Force, held on April 21 in Toronto, Ontario, in conjunction with the 2001 Annual Meeting of the American Association of Neurological Surgeons (AANS), was jointly sponsored by the AANS/CNS Section on Tumors and the National Institutes of Health. Based upon the success of and enthusiasm for the first meeting, two subsequent annual meetings have been held, one in conjunction with the 2002 AANS Annual Meeting in Chicago and the other, in conjunction with the 2003 Annual Meeting of the Congress of Neurological Surgeons in Denver. The meetings were organized in three parts: Invited Lecturer; Research Talks; and Round Table Discussion. The invited lecturers have been Darell Bigner, MD (2001), Edward Oldfield, MD (2002), and Karen Aboody (2003).

The goals of these meetings were threefold:

1. to present and evaluate the current laboratory and clinical research in the field of brain tumor immunotherapy in order to coordinate and disseminate current information and ongoing research in the field;
2. to come to a consensus regarding what clinical endpoints and immune system monitoring parameters should be evaluated in clinical studies; and
3. to evaluate the need and timing for an immunotherapy consortium for conducting multicenter trials.

As a result of the growing interest in this exciting and changing field, a special issue of the *Journal of Neuro-Oncology* has been dedicated to clinical and basic research in brain tumor immunotherapy. The articles in this issue are written by leading researchers in the field of brain tumor immunotherapy, and most of them are members of the Immunotherapy Task Force.

The participants this year included: Carol A. Kruse, PhD; Andrew Sloan, MD; William Chambers; Ennio Chiocca, MD; Habib Fakhrai; John Yu, MD; Keith Black, MD; Ian Pollack, MD; Greg Plautz; Robert Prins; Linda Liau, MD; Edward Neuwelt, MD; Ian Parney, MD; Andrew Parsa, MD; Terry Lichtor, MD; and Roberta Glick, MD. The topics ranged from cytokine gene therapy, dendritic cell vaccines, and viral therapy, to the basic science issue of immunosurveillance. We look forward to the next meeting of the task force, which will be held in conjunction with the 2005 AANS Annual Meeting.

Editor's Corner

Isabelle Germano, MD

In this issue of the newsletter, Raymond Sawaya, MD, reviews the accomplishments of the AANS/CNS Section on Tumors during the past six months. He stresses the importance of collaboration with our international colleagues. Finally, he reminds us of the Tumor Section's 20th anniversary celebration at the upcoming Sixth Biennial Satellite Symposium in San Francisco Oct. 21-22.

In other news, Ron Warnick, MD, summarizes the financial aspects of the section, while Ennio Chiocca, MD, highlights the special symposium on tumors during the upcoming 2004 AANS Annual Meeting in Orlando. Michael McDermott, MD, provides a detailed description of the recent awards. Our international colleagues from Japan, Fumio Yamaguchi, MD, and Italy, Francesco DiMeco, MD, offer their respective updates on developments in neuro-oncology in Asia and Europe. Gene Barnett, MD, stresses the benefits of membership in the Section on Tumors, while Franco DeMonte, MD, reports on the status of the neurosurgical oncology. Finally, this issue of *Tumor News* includes important announcements about upcoming meetings, such as the World Federation of Neurological Surgeons Tumor Section Meeting and the Sixth Biennial Satellite Symposium, as well as a call for submissions for the National Brain Tumor Foundation Award.

If you have content for the newsletter, please contact me. In particular we are interested in expanding the Residents' Corner. We also are planning on publishing a case discussion. Please send your most interesting case to me at:

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National Brain Tumor Foundation (NBTF) Translational Research Grant Award

Given to the best translational research grant proposal for those neurosurgeons within the first six years of practice who are members of the section. Award amount: \$15,000; Deadline: May 30, 2004.

Mail applications to: Raymond Sawaya, MD, M.D.
Anderson Cancer Center, 1515 Holcombe Blvd., Box 442,
Houston, TX 77030-4009.

Details are available at www.neurosurgery.org/tumor/awards.html.

Awards Committee Update

Michael McDermott, MD

The AANS/CNS Section on Tumors presents awards at the spring meeting of the American Association of Neurological Surgeons (AANS) and at the fall meeting of the Congress of Neurological Surgeons (CNS). This past October during the CNS meeting in Denver, the Mahaley, Preuss and Tumor Young Investigator awards were presented, and the winner of the National Brain Tumor Foundation Translational Research Grant Award was announced.

Honorees include Franco DeMonte, MD, Mahaley Award; John Y.K. Lee, MD, Preuss Award; Quingze Wu, MD, Young Investigator Award; and Andrew T. Parsa, MD, National Brain Tumor Foundation Translational Research Grant Award.

The awards are given to recognize excellence in basic neuroscience research and clinical research in the field of neuro-oncology. While the Executive Committee is reviewing with sponsoring agencies some of the specific wording associated with each award, descriptions of awards administered through the section are found on the section's Web page, www.neurosurgery.org/tumor/awards.html. At the Tumor Section's executive meeting during the CNS meeting, the Kluwer Award was renamed the "Journal of Neuro-Oncology Award." A review of all the awards that are supported by the section was recently published in the Fall 2003 issue of *Tumor News*.

Mahaley Award

Named in memory of Steven Mahaley, MD, a neurosurgeon long devoted to neuro-oncology, the Mahaley Clinical Research Award is given at each AANS and CNS annual meeting to a neurosurgery resident, fellow or attending neurosurgeon who submits the best clinical study in neuro-oncology. The applicant must be a member of the Section on Tumors. The award is given to a recipient only once. The National Brain Tumor Foundation sponsors the award.

Preuss Award

Established in 1987 by Peter Preuss, a long-time benefactor of the AANS-CNS Section on Tumors, the Preuss Award is given at each

AANS and CNS meeting to a young scientist investigating brain tumors, within 10 years of training, who has submitted the best basic science research paper. The award is given to a recipient only once.

Young Investigator Award

Sponsored by the American Brain Tumor Association, the Young Investigator Award is given at each AANS and CNS meeting to a young faculty member involved in neuro-oncology research who has demonstrated outstanding potential for basic science research. The applicant must be a member of the section who has been in practice for less than six years. The award is given only once to a recipient.

Farber Award

Sponsored by the Farber Foundation, the Farber Award is presented at the annual meeting of the respective societies in alternate years. The recipient is selected by a subcommittee from the AANS/CNS Section on Tumors and the Society of Neuro-Oncology. The award, which is given only once to a recipient, recognizes the most promising investigators who are achieving significant results early in their careers.

The Journal of Neuro-Oncology Award

Sponsored by Kluwer Publishing, the Journal of Neuro-Oncology Award recognizes the work of an investigator who has submitted a high ranking clinical or basic science paper to the AANS annual meeting. The applicant must be a member of the section. The award is given only once to a recipient.

National Brain Tumor Foundation Translational Research Grant Award

This award is given by the National Brain Tumor Foundation for the best translational research grant proposal submitted in the spring of each year. *The submission deadline is May 30, 2004*, so there still is plenty of time to prepare a proposal. Proposals that bring novel

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Tumor Section Awards at the 2003 CNS Annual Meeting



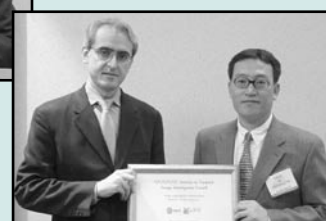
Franco DeMonte, MD (right), Mahaley Award. Presented by Michael McDermott, MD.



John Y.K. Lee, MD (right), Preuss Award. Presented by Michael McDermott, MD.



Andrew T. Parsa, MD (right), National Brain Tumor Foundation Translational Research Grant Award. Presented by Raymond Sawaya, MD.



Quingze Wu, MD (right), Young Investigator Award. Presented by Raymond Sawaya, MD.

International Reports

Update From Japan

Fumio Yamaguchi, MD, PhD

The 62nd Annual Meeting of the Japan Neurosurgical Society was held Oct. 1-3 in Sendai, Japan. Among many excellent abstracts, the presentation on intraoperative hypothalamic monitoring using microneurography was one of the most interesting. This technique is an effective monitoring method during hypothalamic tumor resection. Other topics discussed at the meeting were intensity modulated radiation therapy, or IMRT, and frameless stereotactic biopsy using neuronavigator and stereotactic guide devices. Another interesting presentation on intracerebral injection of bone marrow stromal cells to suppress growth of an existing tumor should be revealed as a new brain tumor therapy.

The 12th Annual Meeting of the Japan Society for Neuro-Oncology was held Nov. 16-18 in Awaji-shima, Japan. This meeting covered all aspects of clinical and research in brain tumors. Some of the reports stressed the importance of gross total removal of gliomas, and photodynamic diagnosis (PDD) using 5-aminolevulinic acid (5-ALA), which has become popular at many institutions and seems to be a promising therapy. However, the limitation of this method in recurrent cases—the irregularity of uptake of 5-ALA—has to be further investigated before this therapy is proven to be a reliable method.

In order to preserve the pyramidal tract in the resection of deep-seated gliomas, many institutions are trying to utilize a three-dimensional anisotropy contrast (3DAC) image made from diffusion-weighted magnetic resonance imaging (DWI) or tensor magnetic resonance imaging (DTI). It is useful to know the spatial relationship between the tumor and the tract to plan the operative strategy. Neuronavigation is still a powerful tool, especially to provide feedback—including functional images and 3DAC—that is useful for the preoperative analysis.

Many reports in basic sciences also were presented. Genomic DNA microarray has identified several genes that may be related to the genesis and growth of gliomas or meningiomas. Clinical applications for this technology are, however, still under development. Clinical trials of dendritic cell therapy in patients with recurrent glioma were put into clinical phase I and phase II study. No major side effects were seen in this study. A study using immunotherapy showed that vaccination by fusions of dendritic and glial cells and IL-12 prolonged the survival period.

We will have several meetings focusing on tumors of the central nervous system in the next few months. Forthcoming meetings in the Asia-Oceania area are:

- The Sixth Joint Conference of the American Association for Cancer Research and the Japanese Cancer Association “Advances in Cancer Research: Molecular and Cellular Biology, Genomics and Proteomics, Targeted Therapeutics, Novel Clinical Trials, Molecular and Genetic Epidemiology/Prevention” Jan. 25-29, 2004, Hilton Waikoloa Village, Waikoloa, Hawaii www.aacr.org/2004JCA.asp
- The Second American-Japanese Neurosurgical Symposium Oct. 5, 2004, Nagoya No Theater, Nagoya, Japan <http://ns.2004.jp>

Update From Italy

Francesco DiMeco, MD

The 52nd Annual Meeting of the Italian Neurosurgical Society was held in S. Giovanni Rotondo Nov. 9-12. Among other topics, the role of surgery in the treatment of low-grade gliomas was discussed. Conclusions supported the increasingly accepted trend that aggressive surgical approaches for such tumors may result in improved long-term outcomes. In addition, interesting presentations pointed out the crucial role played by functional magnetic resonance and computer-assisted navigational systems in helping to achieve the most extensive resection while minimizing the risks of postoperative neurological deficits for tumors involving eloquent areas of the brain. It is worth mentioning that a relatively high number of neurosurgical centers in Italy are now well equipped with such devices.

The meeting also facilitated the formation of the “Gruppo di Studio di Neurooncologia” (the Study Group of Neuro-Oncology). Similar to the AANS/CNS Section on Tumors, this committee will coordinate programs and activities related to the field of neuro-oncology within the Italian Neurosurgical Society.

In general, the Italian neuro-oncological community currently is participating in multiple collaborations with European and North American centers, planning and conducting clinical trials on the most promising agents tested in rigorous preclinical studies.

Meetings with emphasis on tumors scheduled in Italy for 2004 are as follows:

- The XIX Biennial Congress of European Society for Pediatric Neurosurgery, in conjunction with the Japanese Society of Pediatric Neurosurgery and the Korean Society of Pediatric Neurosurgery May 6-9, 2004, Rome, Italy www.ptstroma.it/espn2004
- The Fourth Endoscopic Pituitary Surgery—International Hands-on Workshop May 24-25, 2004, Naples, Italy www.neurochirurgia.unina.it/announcement/Pituitary_surgery_2004.pdf
- The 53rd Congress of the Italian Neurosurgical Society Nov. 21-24, 2004, Milan, Italy www.sinch.it

NEW CME Verification Policy

As of this spring, the American Association of Neurological Surgeons (AANS) is providing bar coded tickets to registrants of the AANS Annual Meeting and all AANS/CNS section meetings. In order to claim category 1 CME credit, the tickets must be turned in at the meeting. More information: (888) 566-AANS or www.AANS.org/CME%20flyer3.pdf.

213 – Comprehensive Approaches and Risks to the Treatment of Spinal Cord Tumors

Moderator: Paul C. McCormick

Panelists: Phyoo Kim, Barth A. Green, Neil Arthur Feldstein, Jacques Brotchi

219 – How I Do It: Skull Base Tumors

Moderator: Ossama Al-Mefty

Panelists: Jacques J. Morcos, Laligam N. Sekhar

Wednesday, May 5, 2004

TUMOR POSTER VIEWING SESSION

2:00–2:45 PM

AANS/CNS SECTION ON TUMORS

2:45–5:30 PM

Moderator: Ennio Antonio Chiocca

SPECIAL SYMPOSIUM

2:45–3:45 PM

Moderator: Gene Barnett

Speakers: Henry Brem, Jeffrey Bruce

Title: Controversies in Neurosurgical Oncology: Delivery of Therapy for Gliomas

Moderator: Fred G. Barker

Speakers: Donlin Long, Douglas S. Kondziolka

Title: Controversies in Neurosurgical Oncology: Microsurgery and/or Radiosurgery for Vestibular Schwannomas

Awards *continued from page 5*

laboratory research findings to clinical trials are preferred. The awardee must be a member of the section. The award is announced annually at the CNS meeting and is given only once to a recipient.

Bittner Awards

There are two other awards for excellence in clinical and basic science research in neuro-oncology that have been presented annually at the AANS meeting in the past three years. The Ronald Bittner Foundation sponsors two awards, one clinical and one basic science presentation. A subcommittee from the AANS Scientific Program Committee selects the awardees.

This is a special year for the AANS/CNS Section on Tumors as it marks its 20-year anniversary. The Awards Committee (Michael McDermott) and the History Committee (Fred Barker) plan to review the section's past award winners during the Sixth Biennial Satellite symposium, which follows the CNS meeting in San Francisco, to see where they are now. Award winners' names are well known in the field of neuro-oncology, and most of them have gone on to successful careers. It should be fun to see the award winners "then" and "now."

The award winners for the 2004 AANS Annual Meeting in Orlando May 1-6 already have been selected, and the names of recipients and their topics appear in the meeting's preliminary and onsite programs. These awards will be presented during the Section on Tumors session, as in the past. We look forward to seeing you there!

YOUNG INVESTIGATORS AWARD

3:45–4:00 PM

Presented By: Michael W. McDermott

Recipient: Makoto Furuta

3:45–4:00 PM

860 – Protein Patterns and Proteins That Identify Subtypes of Glioblastoma Multiforme

Authors: Makoto Furuta, Robert J. Weil, Alexander O. Vortmeyer, Youn-Soo Lee, Irina A. Lubensky, Edward H. Oldfield, Zhengping Zhuang

PREUSS AWARD

4:00–4:15 PM

Presented By: Michael W. McDermott

Recipient: Manish Aghi

4:00–4:15 PM

861 – Transplanted Bone Marrow Contributes to Glioma Vasculature

Authors: Manish Aghi, Kenneth Cohen, David T. Scadden, E. Antonio Chiocca

MAHALEY AWARD

4:15–4:30 PM

Presented By: Michael W. McDermott

Recipient: Ossama Al-Mefty

4:15–4:30 PM

862 – Radiation Induced Meningiomas: Clinical, Pathological, Cytogenetic and Cytogenetic Characteristics

Authors: Ossama Al-Mefty, Chide Topsakal, Svetlana Pravdenkova, Jeffrey R. Sawyer, Michael J. Harrison

4:30–4:45 PM

863 – Vascular Complications in Transsphenoidal Surgery

Authors: Rod J. Oskouian, Edward R. Laws Jr.

4:45–5:00 PM

864 – Improved Delineation of Gliomas by Image Guided MR Spectroscopy

Authors: Oliver Ganslandt, Christopher Nimsky, Rolf Buslei, Rudolph Faibilbusch, Andreas Stadlbauer

5:00–5:15 PM

865 – Atypical Teratoid Rhabdoid Tumors: A Malignant Pediatric Brain Tumor To Be Distinguished From Medulloblastoma (PNET)

Authors: Hidehiro Oka, Kiyotaka Fujii

JOURNAL OF NEURO-ONCOLOGY AWARD RECIPIENT

5:15–5:20 PM

Frame-Based Stereotactic Biopsy Remains in Important Diagnostic Tool With Distinct Advantages Over Frameless Stereotactic Biopsy (Presented in Plenary Session I)

Presented By: Raymond Sawaya

Recipient: Justin S. Smith

The Tumor Section's business meeting will immediately follow the section session.

Thursday, May 6, 2004

7:00–9:00 AM

403 - Tumor Case Presentations

Moderator: Isabelle M. Germano

Panelists: Michelle Berger, Maciej S. Lesniak, James T. Rutka, William T. Couldwell

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Awards Committee

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SAVE THE DATE!

AANS/CNS Section on Tumors Sixth Biennial Satellite Symposium

October 21-22, 2004
The Palace Hotel San Francisco
San Francisco, California

Meeting Highlights include:

- Conveniently held at the conclusion of the 2004 CNS Annual Meeting
- Special Dinner honoring the 20th Anniversary of the Tumor Section
Keynote Speaker: Charles B. Wilson, MD
- Special Symposium on exceptional educational topics presented by leaders in the field
 - Symposium I: Stem Cells and Brain Tumors: Biology and Therapeutic Applications
 - Symposium II: Molecular Imaging in Brain Tumors
 - Symposium III: Neurosurgical Oncology: Not Just Glioma Surgery
Presentations will cover Neuro-Oncology of the Spine, Skull Base, Peripheral Nerve Tumors and Pain Management.
- Seminar on the Neurosurgeon's Role in Clinical Trials of Brain Tumors

Further information, including a Call for Abstracts,
will be available at <http://www.neurosurgery.org/tumor/meetings>.
For further information contact:

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