

PROGRAM

**EIGHTY FIRST
ANNUAL MEETING
OF THE
AMERICAN
ASSOCIATION
OF
NEUROPATHOLOGISTS**

JUNE 9-12, 2005

**HYATT REGENCY CRYSTAL CITY
HOTEL**

ARLINGTON, VIRGINIA

CONTENTS

	<i>Page</i>
<i>AANP Organization</i>	
<i>Officers and Committees</i>	1-3
<i>General Information</i>	
<i>Hotel and Registration</i>	4
<i>Author/ Presenter Information</i>	5-7
<i>PowerPoint Presenters</i>	5-6
<i>Poster Presenters</i>	6
<i>Speaker Ready Room</i>	7
<i>Microscope Room</i>	7
<i>Business Meeting</i>	7
<i>Special Meetings</i>	7
<i>Published Abstracts</i>	8
<i>CME Information</i>	8
<i>Disclosures</i>	8
<i>Annual Reception</i>	9
<i>Meeting Sponsors and Donors</i>	9
<i>Hotel Floor Plan</i>	10
<i>Program and Scientific Sessions</i>	11-37
<i>MEETING AT A GLANCE</i>	12-13
<i>Special Course</i>	14
<i>Presidential Symposium</i>	15
<i>Scientific Sessions</i>	
<i>Platform Presentations</i>	
<i>Friday Morning (Abstracts 1-28)</i>	16-19
<i>Friday Afternoon (Abstracts 29-44)</i>	20-21
<i>Saturday Morning (Abstracts 139-153)</i>	31-33
<i>Saturday Afternoon (Abstracts 154-173)</i>	34-37
<i>Poster Presentations (Abstracts 45-138)</i>	22-30
<i>Author Index</i>	38-43

**AMERICAN ASSOCIATION OF
NEUROPATHOLOGISTS**

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GENERAL INFORMATION

Hotel: Hyatt Regency Crystal City At
Reagan National Airport
2799 Jefferson Davis Highway
Arlington, Virginia 22202

Phone: 703-418-1234

ALL MEETING SESSIONS WILL BE HELD IN THE HYATT REGENCY CRYSTAL CITY HOTEL.

All platform presentations and general sessions (Special Lectures, Korey Lecture, Business Meetings, Diagnostic Slide Session, and Presidential Symposium) will be held in the Regency Ballroom, on the **Ballroom Level (B)** of the hotel.

All poster sessions will be held in the Potomac Room, located on the **Ballroom Level (B)** of the hotel.

PRE-REGISTRATION PICK-UP

Attendees pre-registered and pre-paid for the Special Course and/or Meeting will have their name badge, course syllabus, program booklets, reception ticket(s) and registration receipt ready for pick-up at the AANP Registration Desk, located in the Regency Ballroom Foyer on the Ballroom Level of the hotel. On-site registration, additional tickets for the Annual Reception, and additional copies of the May 2005 JNEN will be available at the Desk.

REGISTRATION DESK

Location	Regency Ballroom Foyer, Ballroom Level	
Time	Wednesday, June 8	6:00 pm – 9:00 pm
	Thursday, June 9	6:30 am - 12 noon 6:30 pm – 9:00 pm
	Friday, June 10	7:00 am - 12 noon 5:30 pm – 6:00 pm
	Saturday, June 11	7:00 am - 12 noon

PLEASE, wear your name badge!

Your name badge is *required for admittance* to any function of the Association, including the Special Course, all Friday, Saturday and Sunday sessions, and the Friday evening reception.

NOTES to PRESENTERS

Platform Presenters (PowerPoint)

All platform presentations will be held in either the **Regency Ballroom E or Regency Ballroom F** on the **Ballroom Level (B)** of the hotel. All general sessions (Special Lecture, Korey Lecture, Business Meetings, Diagnostic Slide Session, and Presidential Symposium) will be held in the Regency Ballroom.

Presenters should use PowerPoint for their presentation.

All PowerPoint presentations will be transferred onto a show computer prior to the start time of each session. Each room will be equipped with a lectern, audience microphones, central computer (loaded with MS Office XP), LCD/Data projector, screens and a laser pointer.

Special Notes for PowerPoint presenters:

- Each speaker must bring his/her PowerPoint presentation on a disc (CD-ROM, or 100 MB Zip disc) or USB memory stick.
- Please title the presentation with your name (name.ppt).
- Macintosh users, be sure to save your presentation as .ppt (*your name.ppt*). If the ".ppt" extension is not present in the file name, the file will not be recognized by the PC computer.
- Label your disc with your name, session name, time, and day of presentation. Your presentation will be transferred onto the show computer for each session by the technician. Please make sure your presentation is in its final form, since once loaded onto the show computer, no changes can be made.
- Please take your disc or memory stick to the room in which you will be presenting, Regency Ballroom E or F, at one of the times indicated below. ***It is your responsibility to get your file to the AV staff prior to your presentation.***
- The AV staff will be available to load your file onto the computer during scheduled evening and morning times. **These will be the only times available to you to load and test your presentation.**

Notes for PowerPoint presenters (continued)**Schedule for Loading PowerPoint Presentations**

Load show computer in <i>Regency Ballroom E or F</i> on the Ballroom Level (B)	
Wednesday, June 8	5:30 pm - 6:30 pm
Thursday, June 9	6:45 am - 7:45 am 5:30 pm - 6:30 pm
Friday, June 10	6:45 am - 7:45 am 6:00 pm - 7:00 pm
Saturday, June 11	6:45 am - 7:45 am 6:30 pm - 7:45 pm
Sunday, June 12	6:45 am - 7:45 am

- **If you are presenting in a morning session, it is preferable to check in the previous day.** Same-day presentations may be loaded in the morning prior to session start time, but since this time necessarily is limited, you are encouraged to have your presentation loaded on the evening preceding your talk. Presenters at the evening Diagnostic Slide Session also will be able to submit their files on Saturday evening from 6:30-7:45 pm.
- To avoid time delays and potential problems with your presentation, you will **not** be allowed to use your own computer, although you may bring your laptop as a backup.

Notes to Poster Presenters

All poster sessions will be held in the **Potomac Room, located on the Ballroom Level (B) of the hotel.** Posters will be displayed during the entire Scientific Program, all day Friday and Saturday. Posters should be up by 8:00 am Friday and down by 5:30 pm Saturday. The poster board size is 6 ft wide x 4 ft high. Please plan your poster to be at least a few inches smaller in each direction. The poster board surface and construction should accommodate either Velcro or push pins.

To encourage interaction with interested attendees, authors are asked to be present at their posters for discussion/questions during morning or afternoon refreshment breaks, at the following designated times:

	Fri June 10	Sat June 11
	Authors Present at:	Authors Present at:
EVEN Numbered Poster	10:00 - 10:30 am	3:15 - 3:45 pm
ODD Numbered Poster	4:00 - 4:30 pm	10:00 - 10:30 am

SPEAKER READY ROOM

Electronic preview equipment will be available in the **Boardroom** Located on the Third Floor

Location	Boardroom	
Time	Wednesday, June 8	7:00 pm - 9:00 pm
	Thursday, June 9	7:00 am - 5:30 pm
	Friday, June 10	7:00 am - 5:30 pm
	Saturday June 11	7:00 am - 5:30 pm

MICROSCOPE VIEWING ROOM

Multi-headed microscopes will be available in the **Potomac Room (Section 5)**, located on the Ballroom Level (B).

Location	Potomac Room	
Time	Thursday, June 9	7:00 am - 5:30 pm
	Friday, June 10	7:00 am - 5:30 pm
	Saturday June 11	7:00 am - 5:30 pm

BUSINESS MEETING

Location	Regency Ballroom E (Ballroom Level)	
Time	Friday, June 10	12:10 pm - 1:00 pm
	Saturday June 11	11:45 am – 12:45 pm

The Award for **Meritorious Contributions to Neuropathology** will be presented on Friday, June 10.

SPECIAL MEETINGS

Date	Meeting	Time/Location
Wed June 8	Alzheimer Disease Center Neuropathology Core Leaders	6:00 pm Regency C Ballroom (Ballroom Level)
Thurs June 9	Executive Council	6:00 pm Roosevelt Room (Third Floor)
	Awards Committee	5:30 pm – 6:30 pm Arlington Room (Third Floor)
Fri June 10	Awards Committee	5:30 pm – 6:30 pm Roosevelt Room (Third Floor)
Sat June 11	Awards Committee	6:00 pm – 8:00 pm Fairfax Room (Third Floor)
	Professional Affairs	6:00 pm – 8:00 pm Prince William Room (Third Floor)

ABSTRACTS

Abstracts of the papers presented in the program are published in the May 2005 issue of the *Journal of Neuropathology and Experimental Neurology*. Separate abstract books are not printed. Members should take their copy of the JNEN to the meeting. Non-member registrants will receive a copy at registration. A limited number of copies of the JNEN will be available for purchase at the Registration Desk for \$5 each.

DISCLOSURE/CONFLICT OF INTEREST

Disclosures (if any) are the responsibility of **all** platform and poster presenters. Conflicts of interest must be duly noted during the platform presentation or displayed on the poster.

CME Credit

The American Association of Neuropathologists is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians. The annual meeting is approved for credit under Category 1 of the Physician's Recognition Award of the American Medical Association on an hour-to-hour basis of attendance.

The AANP certifies the *Special Course* as a continuing medical education activity and meets the criteria for 8 credit hours in Category 1 of the Physician's Recognition Award of the American Medical Association. Further, the AANP certifies the *Scientific Sessions*, the *Korey Lecture*, the *Diagnostic Slide Session* and the *Presidential Symposium* as continuing medical education activities that meet the criteria for 15, 1, 3, and 3 credit hours, respectively, in Category 1 of the Physician's Recognition Award of the American Medical Association.

Activity	CME Credit Hours
Special Course	8
Scientific Sessions	15
Korey Lecture	1
Dx Slide Session	3
Presidential Symposium	3
Total	30

Attendees should claim credit only for those activities attended. The official record of attendance form is included with your registration materials. Please fill in the number of hours attended, sign, and keep this form as your record of your attendance.

ANNUAL RECEPTION

The annual reception will be held 6:30 to 8:30 pm. Friday in the Tidewater Room and Cinnabar Restaurant, on the second floor of the hotel. Registrants and guests of the AANP are welcome to attend. A cash bar will be available and hors d'oeuvres will be served. Additional tickets are \$20 each for non-trainees, and \$10 each for residents, fellows, or students, and may be purchased at the registration desk or at the door. Several "prizes" will be awarded.

Location	Regency Ballroom E & F	
Time	Friday, June 10	6:30 pm – 8:30 pm

SPONSORS and DONORS

This meeting is sponsored in part by generous contributions from several sponsors and donors. Please visit their displays and exhibits in the Potomac Room Section 6.

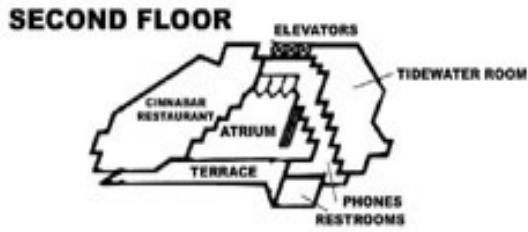
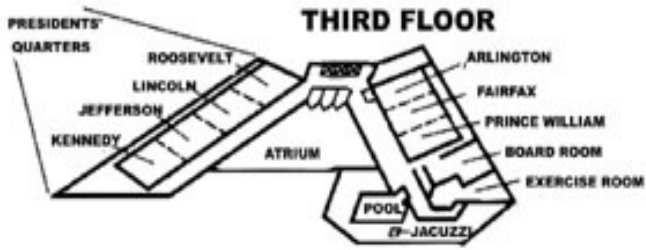
Location	Potomac Room – Section 6	
Time	Thursday, June 9	12:00 pm – 5:30 pm
	Friday, June 10	7:00 am - 5:30 pm
	Saturday June 11	7:00 am - 5:30 pm

MEETING SPONSORS

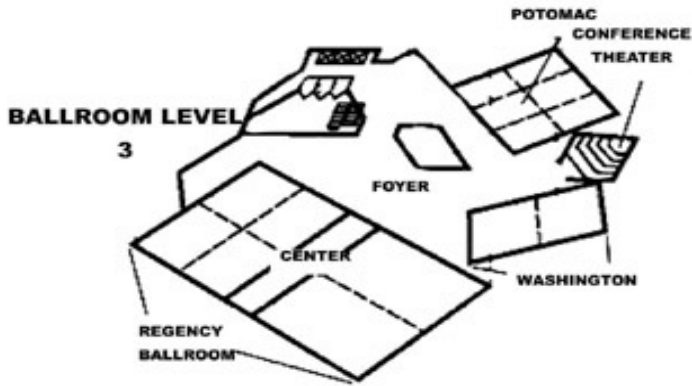
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RECEPTION PRIZE CONTRIBUTORS

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PROGRAM and SCIENTIFIC SESSIONS**SPECIAL COURSE:**

Location	Regency Ballroom E & F	
Date/Time	Thursday, June 9	8:00 am - 5:15 pm
	<i>Cellular & Molecular Pathology of the CNS in Epilepsy and Neuropsychiatric Disorders</i> Directors: Harry V. Vinters, MD And Leroy R. Sharer, MD	

PLATFORM PRESENTATIONS

Location	Regency Ballroom E or F	
Date/Time	Friday, June 10	8:00 am - 5:00 pm
	Saturday, June 11	8:00 am - 5:00 pm

POSTER PRESENTATIONS

Location	Potomac Room (Section 1 - 4)	
Date/Time	Friday, June 10	8:00 am - 5:00 pm
	Saturday, June 11	8:00 am - 5:00 pm

SAUL R. KOREY LECTURE

Location	Regency Ballroom E & F	
Date/Time	Saturday, June 11	10:45 am - 11:45 am
	<i>Deciphering Hereditary Presenile Dementias: Neuropathology at the Crossroads of Neuropsychiatry and Molecular Genetics</i> Bernardino Ghetti, MD	

SPECIAL LECTURE

Location	Regency Ballroom E & F	
Date/Time	Friday, June 10	4:30 pm - 5:00 pm
	<i>The Slow PTAH Stain – Fifty Years of Neuropathology at the Armed Forces Institute of Pathology</i> James M. Henry, MD	

DIAGNOSTIC SLIDE SESSION

Location	Regency Ballroom E & F	
Date/Time	Saturday, June 11	8:00 pm - 11:00 pm

PRESIDENTIAL SYMPOSIUM

Location	Regency Ballroom E & F	
Date/Time	Sunday, June 12	8:00 am – 12 noon
	<i>Cerebral Microvascular Disease & CNS Amyloid</i>	

MEETING AT A GLANCE

THURSDAY June 9, 2005		
	Regency Ballroom E and F	Potomac Room
8:00 am - 5:15 pm	<i>SPECIAL COURSE</i> Cellular & Molecular Pathology of the CNS in Epilepsy and Neuropsychiatric Disorders	

(Abstract Numbers in Italics)

FRIDAY June 10, 2005			
	Regency Ballroom E	Regency Ballroom F	Potomac Room
8:00 - 10:00 am	Platform 1 Tumors – Cell Biology/Experimental Models <i>#1 - 8</i>	Platform 2 Neurodegenerative - Neuropathology <i>#9 - 16</i>	All Posters Alzheimer's Disease <i>#45-53</i>
10:00 - 10:30 am	<i>REFRESHMENT BREAK</i>		Demyelinating Disease <i>#54-55</i>
10:30 - 12:00 pm	Platform 3 Demyelination/ Neuroinflammation <i>#17 - 22</i>	Platform 4 Other/Stroke <i>#23 - 28</i>	Dev Disorders/Pediatric <i>#56-63</i>
12:10 - 1:00 pm	<i>BUSINESS MEETING I</i> <i>Regency Ballroom E</i>		Infectious Disease <i>#64-65</i>
1:00 - 2:00 pm	<i>LUNCH</i>		Neurodegenerative (non-AD) <i>#66-81</i>
	Regency Ballroom E	Regency Ballroom F	Peripheral Nerve/Muscle <i>#82-86</i>
2:00 - 4:00 pm	Platform 5 Tumors-Biomarkers <i>#29 - 36</i>	Platform 6 Neurodegenerative - Pathogenesis <i>#37 - 44</i>	Toxic/Metabolic Dis <i>#87-90</i>
4:00 - 4:30 pm	<i>REFRESHMENT BREAK</i>		Trauma <i>#91-92</i>
4:30 - 5:00 pm	<i>SPECIAL LECTURE</i> The Slow PTAH Stain –Fifty Years of Neuropathology at the Armed Forces Institute of Pathology <i>James M. Henry, MD</i>		Tumors - Glial <i>#93-114</i> Tumors -Nonglial <i>#115-133</i> Vascular Dis/Stroke <i>#134-136</i> Other <i>#137-138</i>

6:30 - 8:30 pm

ANNUAL RECEPTION:
Regency Ballroom E & F

MEETING AT A GLANCE

(Abstract Numbers in Italics)

SATURDAY June 11, 2005			
	Regency Ballroom E	Regency Ballroom F	Potomac Room
8:00 - 10:00 am	Platform 7 Devel Disorders/Pediatric <i>#139-146</i>	Platform 8 AD – Inflammation/ Vascular <i>#147-153</i>	All Posters Alzheimer's Disease <i>#45-53</i>
10:00 - 10:30 am	REFRESHMENT BREAK		Demyelinating Disease <i>#54-55</i>
10:30 - 11:30 am	SAUL R. KOREY LECTURE <i>Deciphering Hereditary Presenile Dementias: Neuropathology at the Crossroads of Neuropsychiatry and Molecular Genetics</i> Bernardino Ghetti, MD		Dev Disorders/Pediatric <i>#56-63</i> Infectious Disease <i>#64-65</i>
11:45 - 12:45 pm	BUSINESS MEETING II <i>Regency Ballroom E & F</i>		Neurodegenerative (non-AD) <i>#66-81</i>
12:45 - 2:00pm	LUNCH		Peripheral Nerve/Muscle <i>#82-86</i>
	Regency Ballroom E	Regency Ballroom F	
2:00 - 3:15 pm	Platform 9 Tumors –Clinical Studies <i>#154-158</i>	Platform 10 Neurodegen, non-AD Models <i>#159-163</i>	Toxic/Metabolic Dis <i>#87-90</i> Trauma <i>#91-92</i>
3:15 - 3:45 pm	REFRESHMENT BREAK		Tumors - Glial <i>#93-114</i>
3:45 - 5:00 pm	Platform 11 Infectious Disease <i># 164-168</i>	Platform 12 Muscle Disease Neurotoxic Disorders <i># 169-173</i>	Tumors -Nonglial <i>#115-133</i> Vascular Dis/Stroke <i>#134-136</i> Other <i>#137-138</i>
8:00 - 11:00 pm	DIAGNOSTIC SLIDE SESSION Regency Ballroom E & F		

SUNDAY June 12, 2005	
	Regency Ballroom E and F
8:00 am - 12:00 pm	PRESIDENTIAL SYMPOSIUM <i>Cerebral Microvascular Disease and CNS Amyloid</i>

THURSDAY, June 9, 2005

SPECIAL COURSE

**CELLULAR & MOLECULAR PATHOLOGY OF THE CNS
IN EPILEPSY AND NEUROPSYCHIATRIC DISORDERS**

**Directors: Harry V. Vinters, MD and Leroy R. Sharer, MD
Regency Ballroom E & F**

8:00 - 8:10 am	Introduction Harry V. Vinters, MD, <i>UCLA, Los Angeles, CA</i>
8:10 - 8:50 am	Surgical Treatment of Seizure Disorders – Past, Present & Future Jerome Engel, MD, PhD <i>UCLA, Los Angeles, CA</i>
8:50 - 9:30 am	Structural & Functional Imaging In Epilepsy + Neuropsychiatric Disorders John S. Duncan, MA, DM, FRCP <i>ION, London, UK</i>
9:30 - 10:00 am	REFRESHMENT BREAK
10:00 - 10:40 am	Neuropathologic Substrates of Epilepsy Otmar D. Wiestler, MD, PhD <i>Heidelberg, Germany</i>
10:40 - 11:30 am	Molecular Pathogenesis of Seizure- generating Lesions Peter B. Crino, MD, PhD <i>Univ of Pennsylvania, Philadelphia, PA</i>
11:30 - 12:10 pm	Mechanisms of Epileptogenesis in Pediatric Cortical Dysplasia Gary W. Mathern, MD <i>UCLA, Los Angeles, CA</i>
12:10 - 1:30 pm	LUNCH
1:30 - 2:10 pm	Structural and Cytologic Correlates of Neuropsychiatric Disorders in the Human Brain David Cotter, MB, BCh, PhD, MRCPsych <i>Dublin, Ireland</i>
2:10 - 2:50 pm	Use of Human Postmortem Brain and Rodent Models to Study Schizophrenia and Bipolar Disorder Francine Benes, MD, PhD <i>McLean Hospital, Belmont, MA</i>
2:50 - 3:20 pm	REFRESHMENT BREAK
3:20 - 4:00 pm	Lives of a Synapse – Basic Neurobiology of a Structure Crucial to Understanding Normal and Abnormal Brain Function Mary B. Kennedy, PhD <i>Caltech, Pasadena, CA</i>
4:00 - 4:50 pm	Abnormal CNS Development Contributing to Neuropsychiatric Disorders Jeffrey A. Golden, MD <i>Children's Hospital, Philadelphia, PA</i>
4:50 - 5:15 pm	Summary/Panel Discussion Speakers

SUNDAY, JUNE 12, 2005

**PRESIDENTIAL SYMPOSIUM
CEREBRAL MICROVASCULAR DISEASE & CNS
AMYLOID**

Regency Ballroom E & F

8:00 – 8:05 am	Introduction Harry V. Vinters, MD <i>UCLA, Los Angeles, CA</i>
8:05 - 8:55 am	CADASIL – Genetic, Clinical & Pathologic Aspects Hannu Kalimo, MD <i>Univ. Helsinki, Helsinki, Finland</i>
8:55 - 9:45 am	Experimental Insights into the Pathogenesis of Cerebral Amyloid Beta-Protein Angiopathies William Van Nostrand, PhD <i>Stony Brook Univ, Stony Brook, NY</i>
9:45 - 9:55 am	<i>AWARDS CEREMONY</i>
9:55 - 10:25 am	<i>REFRESHMENT BREAK</i>
10:25 - 11:15 am	<i>Matthew T. Moore Distinguished Lecture</i> Molecular Genetics and Biology of Alzheimer Disease Generate Clues for Therapeutics Peter St. George Hyslop, MD <i>Center for Research in Neurodegenerative Diseases, Univ Toronto, Toronto, Canada</i>
11:15 - 11:45 am	<i>Presidential Address</i> Approaches to Studying Neurovascular Pathology – Alternatives to Examining ‘One Stroke at a Time’ Harry V. Vinters, MD <i>UCLA, Los Angeles, CA</i>
11:45 - 12:00 pm	<i>INSTALLATION OF NEW OFFICERS</i>
12:00 pm	<i>ADJOURNMENT</i>

FRIDAY, JUNE 10, 2005

Regency Ballroom E

8:00– 10:00 a.m.

Platform 1 Tumors – Cell Biology/Experimental Models

Chairpersons: Johan Kros and David Zagzag

8:00-8:15	1	THE HGF/MET MOTOGENIC SYSTEM IS ACTIVE IN PSEUDOPODIA OF GLIOMA CELLS. Marie E. Beckner, Naomi R. Agostino, Ian F. Pollack
8:15-8:30	2	EGR-1 REGULATES HYPOXIA-INDUCED TISSUE FACTOR EXPRESSION BY GLIOBLASTOMA. Yuan Rong, Ruo Pan Huang, Donald L. Durden, Erwin G. Van Meir, Daniel J. Brat
8:30-8:45	3	IDENTIFICATION OF PHENOTYPICAL CHARACTERISTICS OF INVASIVE ENDOTHELIAL CELLS IN GLIOMA NEOVASCULARIZATION. Ping-Pin Zheng, Marcel van der Weiden, Johan M Kros
8:45-9:00	4	VASCULAR ENDOTHELIAL GROWTH FACTOR UPREGULATES CXCR4 IN GLIOMAS: IMPLICATIONS FOR GLIOMA ASSOCIATED ANGIOGENESIS. Li Lan, Elizabeth Newcomb, M. Aktar Ali, Eugene Lukyanov, David Zagzag
9:00-9:15	5	NESTIN EXPRESSION IN GLIOMAS AND THE CONCEPT OF TUMOR STEM CELLS. Davide Schiffer, Valentina Fiano, Chiara Ghimentì
9:15-9:30	6	NOTCH3 SIGNALING INITIATES CHOROID PLEXUS TUMOR FORMATION. Charles Eberhart, Louis Dang, Xing Fan, Anneka Chaudhry, Nicholas Gaiano
9:30-9:45	7	CONSTITUTIVE SIGNALING BY NEUREGULIN-1 AND ERBB KINASES PROMOTES MITOGENESIS IN A TRANSGENIC MOUSE MODEL OF MALIGNANT PERIPHERAL NERVE SHEATH TUMORIGENESIS. Steven Lewis Carroll, Mark S. Stonecypher, Stephanie J. Byer
9:45-10:00	8	INTERACTION BETWEEN ALPHA9BETA1 INTEGRIN AND TENASCIN-C CONTRIBUTES TO LEPTOMENINGEAL ADHERENCE OF MEDULLOBLASTOMA CELLS. Sidney Croul, Izabela Staniszewska, Krzysztof Reiss, Kamel Khalili, Cezary Marcinkiewicz

10:00 - 10:30 am REFRESHMENT BREAK

FRIDAY, June 10, 2005
Regency Ballroom F
8:00 - 10:00 am

Platform 2 Neurodegenerative - Neuropathology

Chairpersons: Eileen Bigio and Dennis Dickson

8:00-8:15	9	GERSTMANN-STRAUSSLER-SCHEINKER DISEASE ASSOCIATED WITH THE PRNP A117V-129V MUTATION: NEUROPATHOLOGY OF AN ASYMPTOMATIC GENE CARRIER AND FIVE CLINICALLY AFFECTED INDIVIDUALS FROM A FAMILY. Masaki Takao, Piccardo Pedro, Martin R. Farlow, Jill R. Murrell, Frederick W. Unverzagt, Keiji Yamaguchi, Bradley S. Glazier, Francine Epperson, Eileen Bigio, Charles DeCarli, Bernardino Ghetti
8:15-8:30	10	COULD AXONAL DEGENERATION ASSOCIATED WITH HIV INFECTION LEAD TO AD-LIKE PATHOLOGY? Cristian L. Achim
8:30-8:45	11	CONCOMITANT ALZHEIMER'S DISEASE AND FRONTOTEMPORAL DEMENTIA-MOTOR NEURON DISEASE SUBTYPE: A COMMON NEUROPATHOLOGIC PHENOMENON. Marla Gearing, James J. Lah, Allan I. Levey
8:45-9:00	12	NOVEL UBIQUITIN BRAIN PATHOLOGY IN FRONTOTEMPORAL DEMENTIA WITH INCLUSION BODY MYOPATHY AND PAGET'S DISEASE. Mark S. Forman, Ian R. Mackenzie, William R. Markesbery, Eric Swanson, Nigel J. Cairns, Philip J. Boyer, Bharvati S. Jhaveri, Jason H. Karlawish, Daniel W. McKeel, Alan Pestronk, Giles D.J. Watts, Charles D. Smith, Virginia E. Kimonis
9:00-9:15	13	SEVERE FRONTOTEMPORAL GLIAL PATHOLOGY AND MILD HIPPOCAMPAL DEGENERATION ASSOCIATED WITH THE P301L MAPT MUTATION: STUDY OF A PREVIOUSLY UNREPORTED FAMILY. Salvatore Spina, Jill R. Murrell, Marla Gearing, Allan I. Levey, Suzanne S. Mirra, Keiji Yamaguchi, Bernardino Ghetti, James J. Lah
9:15-9:30	14	MESIAL TEMPORAL SCLEROSIS IS ASSOCIATED WITH LEWY BODIES IN ALZHEIMER'S DISEASE. Amy Y. Yen, Ronald L. Hamilton, Oscar L. Lopez, James T. Becker
9:30-9:45	15	OCCURRENCE OF ALPHA-SYNUCLEIN DEPOSITION IN FOUR-REPEAT TAUOPATHIES VERSUS ALZHEIMER DISEASE. Salvatore Spina, Pedro Piccardo, Masaki Takao, Keiji Yamaguchi, Tatiana Foroud, Bernardino Ghetti
9:45-10:00	16	NEUROPATHOLOGY OF FAMILIAL PARKINSON'S DISEASE DUE TO LRRK2 MUTATIONS. Dennis W. Dickson, Owen A. Ross, Matthew J. Farrer

10:00 - 10:30 am REFRESHMENT BREAK

FRIDAY, JUNE 10, 2005
Regency Ballroom E
10:30 a.m. – 12:00 p.m

Platform 3 *Demyelination/Neuroinflammation*
Chairpersons: *Katerina Dorovini-Zis and Raymond Sobel*

10:30-10:45	17	UPREGULATION OF THE SIGNALING ADAPTOR PROTEIN SHCA IN ACTIVATED MICROGLIA OF MULTIPLE SCLEROSIS PLAQUES Brett S. Stetka, James W. Mandell
10:45-11:00	18	MONOCLONAL ANTIBODIES (mAbs) TO DISTINCT REGIONS OF MYELIN PROTEOLIPID PROTEIN (PLP) CROSS-REACT WITH NEURONS OF MANY VERTEBRATE SPECIES: POTENTIAL IMPLICATIONS FOR MULTIPLE SCLEROSIS (MS) Raymond Sobel, Jayagopala Reddy, Vijay K. Kuchroo, Marjorie B. Lees, Edward Greenfield
11:00-11:15	19	MYOINOSITOL ADMINISTRATION REDUCES DEMYELINATION AFTER RAPID CORRECTION OF HYPONATREMIA Stephen M. Silver, Barbara Schroeder, Richard H. Sterns, Aryn M. Rojani
11:15-11:30	20	THE CONCURRENCE OF INFLAMMATORY DEMYELINATION AND ANAPLASTIC ASTROCYTOMA IN A SINGLE BRAIN BIOPSY Shanu Faerch Roemer, Bernd W. Scheithauer, Bradley Erickson, Claudia F. Lucchinetti
11:30-11:45	21	PRESENCE AND DISTRIBUTION OF DENDRITIC CELLS IN INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYSTEM Billy B. Teng, Katerina Dorovini-Zis
11:45-12:00	22	MONOCYTE ADHESION TO BRAIN MICROVESSEL ENDOTHELIAL CELLS: REGULATION BY ADHESION MOLECULES AND BETA-CHEMOKINES Kenneth Liu, Rukmini Prameya, Réza Shahidi, Vivian Wu, Katerina Dorovini-Zis

12:10 pm *BUSINESS MEETING I (Regency Ballroom E)*

1:00 pm *LUNCH*

FRIDAY, JUNE 10, 2005
Regency Ballroom F
10:30 a.m.– 12:00 pm

Platform 4 Other/Stroke
Chairpersons: Sukriti Nag and Douglas Miller

10:30-10:45	23	MRI-PATHOLOGY CORRELATIONS IN SPINAL DISC DISEASE. Douglas C. Miller, Paul Pevsner, Codrin Lacob
10:45-11:00	24	HISTOLOGICALLY UNREMARKABLE DORSAL PREFRONTAL WHITE MATTER IN SCHIZOPHRENIA. Andrew J. Dwork, Boro Iliovski, Branislav Mancevski, Matthew Kurzon, Tereza Serafimova, Iskra Trencavska, Gorazd Rosoklija, John Keilp
11:00-11:15	25	EXPRESSION LEVELS AND CELLULAR LOCALIZATION OF ERBB RECEPTORS mRNAs IN THE DORSOLATERAL PREFRONTAL CORTEX IN SCHIZOPHRENIA. Senda Beltaifa, Amanda J. Law, Thomas M. Hyde, Benjamin McClintock, Mary M. Herman, Paul J. Harrison, Joel E. Kleinman, Cynthia Shannon-Weickert
11:15-11:30	26	CONSISTENT LOSS OF SUBICULAR DENDRITIC SPINES IN SCHIZOPHRENIA AND MOOD DISORDERS. Andrew J. Dwork, Branislav Mancevski, Snezana Rauski, Tereza Serafimova, Natasa Davceva, Matthew Kurzon, Aleksej Duma, J. John Mann, Gorazd Rosoklija
11:30-11:45	27	HUMAN NEURAL STEM CELLS TRANSPLANTED INTO THE BRAIN OF RAT INTRACEREBRAL HEMORRHAGE STROKE MODEL PROMOTE FUNCTIONAL RECOVERY. Seung U. Kim, Kwang S. Kim, Hong J. Lee, Eun J. Kim, Dong H. Hwang, In H. Park, Sang W. Jeong
11:45-12:00	28	MOLECULAR MECHANISMS IN BLOOD-BRAIN BARRIER BREAKDOWN FOLLOWING BRAIN INJURY. Sukriti Nag, Roopa Venugopalan, Duncan J. Stewart

12:10 pm BUSINESS MEETING I (Regency Ballroom E)

1:00 pm LUNCH

FRIDAY, JUNE 10, 2005

Regency Ballroom E

2:00 - 4:00 pm

Platform 5 Tumors - Biomarkers**Chairpersons: Daniel Brat and Werner Paulus**

2:00-2:15	29	LOW LEVELS OF HEXOKINASE II IN MALIGNANT GLIOMAS WITH 1p19q DELETIONS. Mark T. Curtis, John Pastorino, D. Craig Hooper
2:15-2:30	30	OLIGODENDROGLIAL NEOPLASMS WITH PSEUDOPALISADING NECROSIS: A CLINICOPATHOLOGIC AND FISH STUDY OF 44 CASES C. Ryan Miller, Arie Perry
2:30-2:45	31	QUANTITATIVE PROTEOMIC ANALYSIS OF OLIGODENDROGLIOMAS WITH AND WITHOUT 1p/19q DELETION. Robert C. Rostomily, Donald E. Born, Ellsworth C. Alvord, Catherine Pan, Jinghua Jin, Thomas J. Montine, Jing Zhang
2:45-3:00	32	GENETIC ANALYSIS OF CONGENITAL GLIOBLASTOMA. Amilcar A. Castellano-Sanchez, Bahig Shehata, Azita Djalilvand, Cynthia Hawkins, Robert B. Yost, Claudia Greco, Hiroko Ohgaki, Arie Perry, Daniel J. Brat
3:00-3:15	33	PARTICULAR MICRORNAS (miRNAs) HELP TO DISCRIMINATE BRAIN TUMOR FROM NORMAL BRAIN TISSUE. Peter T. Nelson, Zissimos Mourelatos
3:15-3:30	34	EVALUATION OF RB GENE AND CYCLIN-DEPENDENT KINASE INHIBITORS p21 AND p27 IN PLEOMORPHIC XANTHOASTROCYTOMA. Elisabeth Rushing, Martha Quezado, Regia Evangelista, Mariarita Santi
3:30-3:45	35	EVALUATION OF NUCLEIC ACID INDEX IN BRAIN TUMORS. Martha Quezado, Elisabeth Rushing, Mariarita Santi, Stephen Wincovitch, Susan Garfield, David Berman
3:45-4:00	36	MICROARRAY-BASED IDENTIFICATION OF DIAGNOSTIC MARKERS FOR CHOROID PLEXUS TUMORS. Werner Paulus, Martin Hasselblatt, Christine Böhm, Vinzenz Dinh, Lars Tatenhorst, Shigehisa Hirose, Christian H. Rickert

4:00 - 4:30 pm REFRESHMENT BREAK**4:30 - 5:00 pm SPECIAL LECTURE****James Henry, MD****The Slow PTAH Stain –Fifty Years of Neuropathology at the Armed Forces Institute of Pathology****6:30 - 8:30 pm ANNUAL RECEPTION****Regency Ballroom E & F**

FRIDAY, JUNE 10, 2005
Regency Ballroom F
2:00 - 4:00 pm

Platform 6 Neurodegenerative - Pathogenesis

Chairpersons: Bernardino Ghetti and Seth Love

2:00-2:15	37	ABETA OLIGOMERS IN AGING AND ALZHEIMER DISEASE. Eileen H. Bigio, Mary P. Lambert, Pamela Shaw, Pascale N. Lacor, Kirsten Viola, William L. Klein
2:15-2:30	38	DEGRADATION OF PERINEURONAL NET AROUND PARVALBUMIN-POSITIVE NEURONS IN ALZHEIMER'S DISEASE: POSSIBLE INVOLVEMENT OF MATRIX METALLOPROTEASES. Seth Love, Shabnam Baig, Gordon K. Wilcock
2:30-2:45	39	ACTIVATION OF NEUROGENESIS GENES AND SYNAPTIC TERMINAL REGENERATION IN AD. Cheryl Lin, Celia Williams, Li Zhou, Joshua Sonnen, Carol McCleary, Bryan M. Spann, Carol A. Miller
2:45-3:00	40	ISOPEPTIDE CORRELATES WITH NEUROPSYCHOLOGICAL STATUS BETTER THAN TISSUE TRANSGLUTAMINASE PROTEIN OR ENZYME ACTIVITY LEVEL. Deng-Shun Wang, David A. Bennett, Elliott J. Mufson, Dennis W. Dickson
3:00-3:15	41	NOTCH-1 CLEAVAGE IN PRION DISEASES CORRELATES WITH PERTURBATIONS OF γ -SECRETASE COMPONENTS. Jared L. Clever, Nako Ishikura, Eric Huang, Stephen DeArmond
3:15-3:30	42	SINGLE MOLECULE ANALYSIS OF PROTEIN AGGREGATION AND PRIONS BY SIFT. Hans A. Kretzschmar, Uwe Bertsch, Konstanze F. Winklhofer, Thomas Hirschberger, Jan Bieschke, Petra Weber, Ulrich Hartl, Paul Tavan, Jörg Tatzelt, Armin Giese
3:30-3:45	43	KINASE REGULATION OF AUTOPHAGY DURING MPP+ TOXICITY. Charleen T. Chu, Yasuo Uchiyama, Jian-hui Zhu
3:45-4:00	44	AMINO-TERMINALLY TRUNCATED A β PEPTIDE SPECIES ARE THE MAIN CONSTITUENT OF COTTON WOOL PLAQUES. Leticia Miravalle, Miguel Calero, Masaki Takao, Bernardino Ghetti, Ruben Vidal

4:00 - 4:30 pm REFRESHMENT BREAK

4:30 - 5:00 pm SPECIAL LECTURE
James Henry, MD
The Slow PTAH Stain –Fifty Years of
Neuropathology at the Armed Forces Institute of
Pathology

6:30 - 8:30 pm ANNUAL RECEPTION
Regency Ballroom E & F

POSTER PRESENTATIONS**FRIDAY JUNE 10, 8:00 am - 5:00 pm****SATURDAY JUNE 11, 8:00 am - 5:00 pm****Potomac Room, Ballroom Level****Posters will be displayed all day Friday & Saturday**

Poster Sessions: Alzheimer's Disease (#45-53), Demyelinating Disease (#54-55), Developmental Disorders/Pediatrics (#56-63), Infectious Disease (#64-65), Neurodegenerative (Non-Alzheimer's) (#66-81), Peripheral Nerve/Muscle (#82-86), Toxic/Metabolic Disease (#87-90), Trauma (#91-92), Glial Tumors (#93-114), Non-glial Tumors (#115-133), Vascular Disease/Stroke (#134-136), Other (#137-138)

	<i>Alzheimer's Disease</i>
45	PROTEIN KINASE Mzeta COAGGREGATES WITH GLUTAMATE AMPA RECEPTORS IN PERISOMATIC GRANULES IN ALZHEIMER'S DISEASE. Charles Y. Shao, John F. Crary, William Oxberry, Todd C. Sacktor, Suzanne S. Mirra
46	ALZHEIMER AND PARKINSON CHANGE IN HUMAN AGING BRAIN. Yuko Saito, Hiroshi Yamanouchi, Tomio Arai, Motoji Sawabe, Shigeo Murayama
47	A β 42 SUPPRESSES THE ANTI-INFLAMMATORY ALTERNATIVE ACTIVATION STATE IN MICROGLIA: A POTENTIAL ROLE FOR ALZHEIMER'S DISEASE. Ryan T. Mott, Christine M. Hulette, Michael P. Vitek, Carol A. Colton
48	X-RAY FLUORESCENCE SPECTROSCOPY IN SITU QUANTIFICATION OF METALS/ELEMENTS IN ALZHEIMER DISEASE. Eileen H. Bigio, Tatjana Paunesku, Manjari Mishra, Stefan Vogt, Barry Lai, Jörg Maser, Gayle E. Woloschak
49	OREXIN-CONTAINING NEURONS AND SLEEP-WAKE DISTURBANCES IN ALZHEIMER'S DISEASE. Edward G. Stopa, Edward Stopa, Soscia Stephanie, Tavares Rose, Ann McKee, David G. Harper
50	FACTORS INFLUENCING POST-MORTEM RNA INTEGRITY IN HUMAN BRAIN. C.R. Vanderburg, R. Pfannl, D. Tian, T.-R. Kiehl, T. Hsi, E.T. Hedley-Whyte, Matthew P. Frosch
51	ALZHEIMER'S NEUROPATHOLOGY IN AFRICAN-AMERICANS AND WHITES. Miguel A. Riudavets, Ana Rubio, David Fowler, Gay Rudow, Christopher Cox, Juan C. Troncoso
52	NUCLEOCYTOPLASMIC TRANSPORT IN ALZHEIMER'S DISEASE: A STUDY OF KARYOPHERIN α AND IMPORTIN β 1 IN RAT BRAIN. Lynette G. Sheffield, Suzanne S. Mirra
53	ALTERATIONS IN NEURONAL CALCIPRESSIN PROTEIN EXPRESSION IN AGING AND ALZHEIMER'S DISEASE. John Lee, Henry G. Brown, Susan O. McGuire, Casey Cook

FRIDAY JUNE 10, 8:00 am - 5:00 pm
 SATURDAY JUNE 11, 8:00 am - 5:00 pm
 Potomac Room

Posters (continued):

<i>Demyelinating Disease</i>	
54	UNUSUAL FINDING OF BRAIN CRYSTALS IN A MULTIPLE SCLEROSIS PATIENT: A CASE REPORT. Vassil Kaimaktchiev, Theodore J. Lowenkopf, Kay Larkin, Oisin R. O'Neill, Randal R. Nixon
55	CAUSES OF UNEXPECTED DEATH IN PATIENTS WITH MULTIPLE SCLEROSIS: A FORENSIC STUDY OF 50 CASES. Miguel A. Riudavets, Ana Rubio, David Fowler, Carlos Pardo, Juan C. Troncoso
<i>Developmental Disorders/Pediatrics</i>	
56	SOLITARY JUVENILE XANTHOGRANULOMA IN THE MIDBRAIN- REPORT OF A CASE. Chimène Kesserwan, Cheng Z. Liu, Paul C. Francel, Kar-Ming Fung
57	NEUROPATHOLOGY OF CORNELIA DE LANGE SYNDROME; A CASE REPORT. Irina Mikolaenko, Brad Randall, Hannah Kinney
58	ENCEPHALOCELE WITH GIANT CELL FIBROBLASTOMA LIKE LESION. Veena Rajaram, Tord Alden, Pauline M. Chou
59	PARASAGITTAL CRANIAL FASCITIS IN A TODDLER WITH INFRATEMPORAL FOSSA RHABDOMYOSARCOMA: ROLE OF RADIATION THERAPY. Eyas M. Hattab, Joel C. Boaz, Thomas M. Ulbright, Annette C. Douglas-Akinwande
60	ATYPICAL HIPPOCAMPAL HISTOLOGY DOES NOT CORRELATE WITH PRION PROTEIN POLYMORPHISM N171S IN TEMPORAL LOBE EPILEPSY PATIENTS. Linda Buckleair, Dawna D. Armstrong, Daniel Yoshor, Eli M. Mizrahi, G. Jackson Snipes
61	ABNORMAL CEREBRAL HISTOGENESIS FOLLOWING DELETION OF DYSTROGLYCAN. Adam Ostendorf, Jakob Satz, Steven Westra, Susan E. Ross-Barta, Kevin P. Campbell, Steven A. Moore
62	WITHDRAWN
63	EVIDENCE OF INCREASED CELL PROLIFERATION IN THE HIPPOCAMPUS IN EPILEPSY. Hidehiro Takei, Angus Wilfong, Daniel Yoshor, Dawna L. Armstrong, Meenakshi B. Bhattacharjee

FRIDAY JUNE 10, 8:00 am - 5:00 pm

SATURDAY JUNE 11, 8:00am - 5:00 pm

Potomac Room

Posters (continued):

<i>Infectious Disease</i>	
64	WEST NILE VIRUS ENCEPHALOMYELITIS IN THE SETTING OF HUMAN IMMUNODEFICIENCY VIRUS (HIV) INFECTION. Kymberly A. Gyure
65	VARICELLA ZOSTER(VZV)ENCEPHALITIS: THE SPECTRUM OF CHANGES IN THREE BIOPSY SPECIMENS. Meenakshi Gupta, Mauricio Zapata, Stephen Hunter, Wun-Ju Shieh, Sherif R. Zaki
<i>Neurodegenerative (Non-Alzheimer's)</i>	
66	ROLE OF THE APOE GENOTYPE ON THE PHENOTYPIC EXPRESSION AND PARENCHYMAL AMYLOID- β PEPTIDE DEPOSITION IN GERSTMANN-STRÄUSSLER-SCHEINKER DISEASE ASSOCIATED WITH THE PRNP F198S MUTATION. Leticia Miravalle, Pedro Piccardo, Keiji Yamaguchi, Tony Perkins, Siu Hui, Ruben Vidal, Bernardino Ghetti
67	CHARACTERIZATION OF UBIQUITINATED INCLUSIONS IN FTD-MND-TYPE. Manjari Mishra, Tatjana Paunesku, Gayle E. Woloschak, Thomas Lukas, Teepu Siddique, Eileen H. Bigio
68	ADULT ONSET LEUKODYSTROPHY WITH NEUROAXONAL SPHEROIDS (AOLNAS), REPORT OF THREE CASES. Stefanie Freeman, Di Tian, Matthew P. Frosch, E. Tessa Hedley-Whyte
69	PROLONGED FORMALIN FIXATION IMPAIRS IMMUNOHISTOCHEMICAL STAINING FOR ALPHA-SYNUCLEIN IN BRAINS OF PATIENTS WITH LEWY BODY DISEASE. Tiffany M. Bauer, Christa L. Hladik, Chan C. Foong, Charles White
70	FINE STRUCTURE OF INTRANUCLEAR INCLUSIONS IN NEURONAL INTERMEDIATE FILAMENT INCLUSION DISEASE. Sabrina Mosaheb, Lily Hashemzadeh-Bo, Stuart L. Rulten, John E. Kay, Julian R. Thorpe, Nigel J. Cairns
71	DISTINCTIVE 4R TAUOPATHIES IN TWO SIBLINGS. Keith A. Josephs, Joseph E. Parisi, Bradley F. Boeve, Dennis W. Dickson
72	MULTIPLE SYSTEM ATROPHY WITH PICK-LIKE BODIES PRESENTING AS FRONTOTEMPORAL DEGENERATION: TWO CASES ILLUSTRATING THE CRITICAL DIAGNOSTIC ROLE OF ALPHA-SYNUCLEIN IMMUNOHISTOCHEMISTRY. Cheryl Lund, James M. Powers, Philip J. Boyer, Myron F. Weiner, Anne M. Lipton, Charles L. White, Dennis W. Dickson
73	MULTIPLE SYSTEM TAUOPATHY WITH PRESENILE DEMENTIA (MSTD): DOES THE MAPT HAPLOTYPE INFLUENCE THE CLINICAL PHENOTYPE? Salvatore Spina, Martin R. Farlow, Frederick W. Unverzagt, Bernardino Ghetti, Jill R. Murrell

FRIDAY JUNE 10, 8:00 am - 5:00 pm
 SATURDAY JUNE 11, 8:00am - 5:00 pm
 Potomac Room

Posters (continued):

74	PARKINSONIAN TAUOPATHY WITH UNILATERAL ALZHEIMER'S DISEASE-LIKE NEUROFIBRILLARY DEGENERATION OF THE RIGHT MEDIAL TEMPORAL LOBE. Rudolph J. Castellani, Chris Vincent
75	NEUROPATHOLOGIC HETEROGENEITY OF PICK'S DISEASE. Masaki Takao, Jill R. Murrell, Keiji Yamaguchi, Frederick W. Unverzagt, Bradley S. Glazier, Martin R. Farlow, Jordan Grafman
76	IDENTIFICATION OF AGGREGATE-INTERACTING PROTEINS AND PROTEASOME INVOLVEMENT IN TRANSGENIC MICE EXPRESSING A C-TERMINAL MUTANT OF THE FERRITIN LIGHT POLYPEPTIDE GENE. Ruben Vidal, Yingbin Su, Xiaoying Gao, Rose M. Richardson, Leticia Miravalle, Bernardino Ghetti
77	FAMILIAL FRONTO-TEMPORAL LOBAR DEGENERATION WITH UBIQUITIN POSITIVE, TAU NEGATIVE INCLUSIONS (FTD-U), WITH MARKED NEURONAL LOSS IN THE STRIATUM, THALAMUS AND SUBSTANTIA NIGRA, AND EXTENSIVE HIPPOCAMPAL SCLEROSIS. Ada Baisre, Manuel A. Cruz, Leroy R. Sharer, Eun-Sook Cho
78	CALRETININ IMMUNOHISTOCHEMISTRY IN NEURODEGENERATIVE DISORDERS ASSESSED USING TISSUE MICROARRAYS. Linda Buckleair, Suzanne Z. Powell
79	PRESENCE OF LEWY BODIES IN PROGRESSIVE SUPRANUCLEAR PALSY REPRESENTS AN INDEPENDENT DISEASE PROCESS. Hirotake Uchikado, Dennis W. Dickson
80	ULTRASTRUCTURAL STUDIES OF HEREDITARY DIFFUSE LEUKOENCEPHALOPATHY WITH SPHEROIDS (HDLS). Wen-Lang Lin, Yasuhiko Baba, Zbigniew K. Wszolek, Michael S. Handler, Dennis W. Dickson
81	COEXISTENCE OF PSP AND MSA. Hirotake Uchikado, Dennis W. Dickson
Peripheral Nerve/Muscle	
82	PROTEIN AGGREGATION IN MUSCLE FIBERS AND THEIR DISEASES. Hans H. Goebel
83	NERVE DEGENERATION AND ITS ASSOCIATION WITH PERINEURAL INVASION AND INFLAMMATION IN SQUAMOUS CELL CARCINOMA OF THE HEAD AND NECK REGION. Ghousia Rizvi, Jahanara Zahid, Cunfeng Pu
84	PAINLESS LUMBOSACRAL PLEXOPATHY: A CASE OF NEUROMUSCULAR CHORISTOMA. Brian H. Le, Sharon Rivas, Zachary Simmons, Kimberly Harbaugh, Javad Towfighi, Cunfeng Pu

FRIDAY JUNE 10, 8:00 am - 5:00 pm
 SATURDAY JUNE 11, 8:00am - 5:00 pm
 Potomac Room

Posters (continued):

85	SKELETAL MUSCLE INVOLVEMENT IN NEPHROGENIC FIBROSING DERMOPATHY Philip. J. Boyer, Cherise Cortese, Matthew Kershisnik, Brian H. Le, Mark C. Tekrony, Charles Joseph, Shawn E. Cowper
86	EXTENSIVE MACROPHAGIC MYOSITIS IN DELTOID AND TRABECULAR MYOPATHY IN QUADRICEPS IN A PATIENT WITHOUT ANTECEDENT VACCINATION. Eun-Sook Cho, Ada Baisre, Manuel A. Cruz, Steven Rosner, Amyn Rojjani
Toxic/Metabolic Disease	
87	SEVERE CEREBRAL MICROANGIOPATHY ASSOCIATED WITH POSTERIOR LEUKOENCEPHALOPATHY SYNDROME (PRES): A CASE WITH PATHOGENIC IMPLICATIONS. Meenakshi Gupta, Jacqueline M. Garonzik, Sonal Hazariwala, Randolph A. Hennigar, Stephen B. Hunter, Daniel J. Brat
88	NEUROPATHOLOGIC FINDINGS IN FABRY'S DISEASE PATIENT AFTER ENZYME REPLACEMENT THERAPY WITH AGALSIDASE BETA. Amy Rapkiewicz, Mones Abu-Asab, Maria Tsokos, Raphael Schiffman, Martha Quezado
89	EXTENSIVE CALCIFICATION IN A CEREBRAL BIOPSY OF A PATIENT WITH HYPOPARATHYROIDISM. Wen-Lang Lin, Elizabeth A. Shuster, Hector Robles, Murli Krishna, Robert E. Wharen, Jr., Dennis W. Dickson
90	PRIMARY INTRACRANIAL HEMORRHAGE AND DRUG ABUSE: AN AUTOPSY STUDY. Iren Horkayne-Szakaly, Elisabeth J. Rushing, David R. Fowler, Miguel Riudavets, Juan C. Troncoso, Ana Rubio
Trauma	
91	VERTEBRAL ARTERY THROMBOSIS DIAGNOSED 3 MONTHS AFTER DEATH AT EXHUMATION AUTOPSY. Kathy Newell
92	NEUROPATHOLOGY OF CHILDHOOD HOMICIDES IN THE STATE OF MARYLAND: 1994-2005. Ana Rubio, Miguel A. Riudavets, Ling Li, Christopher Cox, David Reisz, Iren Horkayne-Szakaly, David R. Fowler, Juan C. Troncoso
Tumors – Glial	
93	ASTROCYTE ATYPIA ASSOCIATED WITH GAMMA KNIFE AND WHOLE BRAIN RADIATION THERAPY. Howard T. Chang, Robert L. Schelper
94	IMMUNOHISTOCHEMICAL EXPRESSION OF TAU PROTEIN KINASES IN GANGLIOGLIOMA WITH NEUROFIBRILLARY TANGLES. Hajime Miyata, Yoshie Matsuo, Masamichi Kurosaki, Hideki Kamitani, Eisaku Ohama

FRIDAY JUNE 10, 8:00 am - 5:00 pm
 SATURDAY JUNE 11, 8:00am - 5:00 pm
 Potomac Room

Posters (continued):

95	PRIMARY LEPTOMENINGEAL OLIGODENDROGLIOMA WITH CHROMOSOME 1p DELETION: A CASE REPORT AND REVIEW OF THE LITERATURE. T. David Bourne, James W. Mandell, Julie A. Matsumoto, Maria B.S. Lopes
96	DYNAMIC GENOMIC DELETION EXPANSION: A MOLECULAR MARKER OF HIGH GRADE GLIOMAS. Sydney D. Finkelstein, Patricia A. Swalsky, Matthew M. Wilson
97	THE METHYLOME IN GLIOBLASTOMA. Wolf C. Mueller, Markus J. Riemenschneider, Catherine L. Nutt, David N. Louis
98	METHYLATION OF THE PROMOTER OF TP53 GENE IN GLIOBLASTOMA. Sung-Hye Park, Yu-Jung Lee, Bo-Mi Kim
99	ASTROCYTOMA OF THE THORACIC SPINAL CORD WITH CLEAR CELL COMPONENT AND DISSEMINATION- REPORT OF A CASE WITH IMMUNOHISTOCHEMICAL AND ULTRASTRUCTURAL STUDY. Zhongxin Yu, Rhonda Shuey-Drake, Kalliopi Petropoulou, Johnnie Honeycutt, Kar-Ming Fung
100	GLIOBLASTOMA WITH REMOTE SUBCUTANEOUS METASTASES. Lisa L. Pate, Terri L. Haddix, Hannes Vogel
101	OVEREXPRESSION OF OSTEOPONTIN (OPN) IN GLIOBLASTOMA MULTIFORME (GBM). Terri L. Haddix, Lawrence D. Recht, Timothy Myles, Lawrence L.K. Leung, Hannes Vogel
102	PEDIATRIC CEREBELLAR OLIGODENDROGLIOMA: REPORT OF A RARE CASE AND REVIEW OF THE LITERATURE. Sejal S. Shah, Robert L. Schelper, Howard T. Chang
103	MICROVASCULAR MORPHOLOGY AND IMMUNOLocalIZATION OF BLOOD BRAIN BARRIER MARKERS AND VEGF DURING EXPERIMENTAL GLIOMA DEVELOPMENT. Jose V. Lafuente, Susana Bulnes, Harkaitz Bengoetxea, Enrike Argandoña
104	HIGH PROLIFERATIVE ACTIVITY IN ANAPLASTIC PLEOMORPHIC XANTHOASTROCYTOMA ASSOCIATED WITH MULTIPLE RECURRENCE S IN A 2-YEAR PERIOD. Nketi Forbang, Kathy Newell, Steven B. Wilkinson
105	1p/19q CHROMOSOMAL DELETIONS IN METASTATIC OLIGODENDROGLIOMA. Cheryl A. Palmer, Ryan Merrell, Louis B. Nabors, Arie Perry

FRIDAY JUNE 10, 8:00 am - 5:00 pm
 SATURDAY JUNE 11, 8:00am - 5:00 pm
 Potomac Room

Posters (continued):

106	MULTIPLEX LIGATION-DEPENDENT PROBE AMPLIFICATION (MLPA) TO DETECT LOSS OF CHROMOSOME 1p AND 19q IN OLIGODENDROGLIAL TUMORS : SETTING THE GROUND RULES. Judith W.M. Jeuken, Sandra J.B. Cornelissen, Sandra H.E. Boots-Sprenger, Pieter Wesseling
107	ANAPLASTIC PROGRESSION OF PILOCYTIC ASTROCYTOMA OF THE MEDULLA. Irina Mikolaenko, Christian Roth, Shetty Rajit, Susan Chi, R. Michael Scott, Rebecca D. Folkert
108	SEMIQUANTITATIVE APPROACH TO THE VEGF IMMUNOPOSITIVITY IN HUMAN GLIOMAS AND ITS CORRELATION WITH PROLIFERATION RATE, OEDEMA SPREADING AND CLINICAL BEHAVIOUR. Alex Carrasco, Iñigo Pomposa, Jesus M. Garibi, Jose V. Lafuente
109	OLIGODENDROGLIAL LINEAGE MARKER EXPRESSION IN EPENDYMAL TUMORS. Matija Snuderl, Jennifer A. Chan, Susan N. Chi, Mark A. Rubin, Mark W. Kieran, Keith L. Ligon
110	TRANSGENIC MICE OVEREXPRESSING PLATELET DERIVED GROWTH FACTOR B (PDGF-B) DEVELOP SCHWANNOSIS AND ASTROCYTOMAS: A POSSIBLE ANIMAL MODEL FOR NEUROFIBROMATOSIS. Yasuyuki Hitoshi, Mark A. Israel, Brent T. Harris
111	IN SITU ANALYSIS OF THE INTEGRIN SIGNALING PATHWAY IN HUMAN GLIOBLASTOMAS. Markus J. Riemenschneider, Wolf Mueller, Rebecca A. Betensky, Gayatry Mohapatra, David N. Louis
112	CYTONECTIN "A DO NOT ATTACK MOLECULE" IS OVEREXPRESSED IN GLIOBLASTOMA MULTIFORME. Martha Quezado, Elsa Li Ning Tapia, Elisabeth Rushing, Kevin Camphausen, Soni J. Anderson
113	NESTIN EXPRESSION IN NEOPLASTIC AND NON-NEOPLASTIC BRAIN. Jeffrey Sosnowski, Charles Eberhart, Wolfram Kleeburger
114	PILOMYXOID MORPHOLOGY IN GLIONEURONAL TUMORS. S. Humayun Gultekin, Marjorie Grafe, Nathan R. Selden, G. Alexander West
Tumors –Nonglial	
115	CENTRAL NERVOUS SYSTEM NEOPLASIA IN 1990-1991 GULF WAR VETERANS. Charles S. Specht, Michael R. Lewin-Smith, Linda A. Murakata, Elisabeth J. Rushing, Glenn D. Sandberg, Victor F. Kalasinsky, Albin L. Moroz, Florabel G. Mullick

FRIDAY JUNE 10, 8:00 am - 5:00 pm
 SATURDAY JUNE 11, 8:00 am - 5:00 pm
 Potomac Room

Posters (continued):

116	A RARE CASE OF MESENTERIC PLEXIFORM NEUROFIBROMA ASSOCIATED WITH GOBLET CELL CARCINOID AND GANGLIONEUROMA OF THE SMALL BOWEL. Qing Li, Xiaohe Yang, Robert Ambros, Jiang Qian
117	PRIMARY LEPTOMENINGEAL SARCOMATOSIS (PLS). Naiel Hafez, N.R. Ghatak
118	CASE REPORT: A TRUE MALIGNANT SCHWANNOMA OF THE EIGHTH CRANIAL NERVE. Jennifer M. Eschbacher, Sara I. Estrada, Fernando Gonzales, Gregory P. Lekovic, Stephen W. Coons
119	CYTOKERATIN CK20 AS A MARKER FOR CROOKE'S CELLS IN PITUITARY GLANDS OF PATIENTS WITH HYPERCORTISOLISM. Jennifer M. Eschbacher, Stephen W. Coons
120	CO-EXPRESSION OF ERYTHROPOIETIN AND ERYTHROPOIETIN RECEPTOR IN VON HIPPEL-LINDAU DISEASE-ASSOCIATED TUMORS. Youn-Soo Lee, Alexander O. Vortmeyer, Zhengping Zhuang
121	A PILOT STUDY FOR BRAIN METASTASIS IN MICE WITH IN VIVO, REAL-TIME IMAGING OF TUMOR GROWTH. Melike Mut, Maria B.S. Lopes, Joan E. Carpenter, Gerald T. Redpath, David W. Mullins, Craig L. Singluff, Bijoy Kundu, Isa M. Hussaini, Mark E. Shaffrey
122	HISTIOCYTIC SARCOMA OF THE CNS: CASE REPORT OF A RARE HEMATOPOIETIC MALIGNANCY. Dimitri G. Trembath, John W. Turner, Thomas J. Cummings, Louis R. DiBernardo, Arie Perry, Christine M. Hulette
123	UNUSUAL PRESENTATIONS OF HEMATOLYMPHOID PROCESSES AS PRIMARY CENTRAL NERVOUS SYSTEM (CNS) TUMORS. Stephen Hughes, Kenneth Fallon, Faruk Aydin, Tom O'Brien, Murat Gokden
124	PAPILLARY TUMOR OF THE PINEAL REGION. A CASE REPORT AND REVIEW. Barbara I. Germin, Robert S. Bakos, Anthony L. Petraglia, James M. Powers
125	PAPILLARY TUMOUR OF THE PINEAL REGION IN AN ADULT WITH A PRIOR HISTORY OF EPENDYMOMA. Peter Gould, Katrine Grondin, Luc Grondin, Marc Duplessis
126	GENE-EXPRESSION PROFILING OF LUNG CARCINOMA FOLLOWING TRANSFECTION WITH TIMP-1 OVEREXPRESSION VECTOR. Aryn M. Rojiani, Steven Brem, Marguerite Wotoczek-Obadia, Mumtaz V. Rojiani
127	ROSETTED GLIONEURONAL TUMORS OF THE SPINAL CORD. Massimo M. D'Apuzzo, Hannes Vogel

FRIDAY JUNE 10, 8:00 am - 5:00 pm

SATURDAY JUNE 11, 8:00 am - 5:00 pm

Potomac Room

Posters (continued):

128	EARLY PATTERN OF BRAIN ENTRY FOR VISUALIZABLE, BLOOD-BORNE MICRO-METASTASES. Lois A. Lampson, Dennis S. Meredith, Cara A. Tripp
129	ACQUIRED CHIARI I-TYPE DEFORMITY SECONDARY TO PACHYMENINGEAL PROLIFERATION MIXED WITH MULTIFOCAL MENINGIOMA; REPORT OF A CASE. Mila Blaivas, Stephen S. Gebarski
130	EXPRESSION OF APOPTOSIS-RELATED MOLECULES SURVIVIN, CASPASE-3, BCL-2 AND BAX IN MENINGIOMAS. Donna Vincenti, Wendy Lavezzi, Christine Sheehan, Jeffrey Ross, Jiang Qian
131	RHABDOID MENINGIOMA WITH DIFFUSE EXPRESSION OF GLIAL FIBRILLARY ACIDIC PROTEIN (GFAP): A CASE REPORT. Geraldine Owor, Xiaohu Yang, Arnulf Koeppen, Eric Deshaies, Alan Boulos, Jiang Qian
132	UNUSUAL SPINDLE CELL NEOPLASM OF SPINAL CORD WITH GIANT COLLAGEN ROSETTES. Karen Weidenheim, Juan C. Alzate, Josefina F. Llana, Jacqueline Bello, Rick Abbott
133	AGGRUS EXPRESSION IN PRIMARY INTRACRANIAL GERMINOMA. Eyas M. Hattab, Beamon Agarwal, Romil Saxena, Sunil Badve
<i>Vascular Disease/Stroke</i>	
134	A FATAL CASE OF POSTPARTUM CEREBRAL ANGIOPATHY WITH REVIEW OF THE LITERATURE. Timothy L. Williams, Timothy G. Lukovits, Brent T. Harris, C. Harker Rhodes
135	NEURONAL EXPRESSION OF α B CRYSTALLIN (α BC) IN THE PSEUDOHYPERTROPHY OF THE INFERIOR OLIVES. Katsuhiko Ogawa, Tomohiko Mizutani, Kenji Uehara, Yoshio Suzuki, Masayuki Minami
136	BRAIN TRANSPLANTATION OF IMMORTALIZED HUMAN BONE MARROW MESENCHYMAL STEM CELLS IN RATS WITH INTRACEREBRAL HEMORRHAGE STROKE. Seung U. Kim, Woo K. Kim, Atsushi Nagai, Hong J. Lee, Kwang S. Kim, Seok H. Hong, In H. Park, Sang W. Jeong
<i>Other</i>	
137	BRAINNET EUROPE - A CONSORTIUM OF EUROPEAN BRAIN BANKS SERVING THE NEUROSCIENCE RESEARCH COMMUNITY. Jeanne Bell, Kretzschmar Hans
138	A CASE REPORT OF RHEUMATOID LEPTOMENINGITIS AND PACHYMENINGITIS. Di Tian

END OF POSTER PRESENTATIONS

SATURDAY JUNE 11, 2005
Regency Ballroom E
8:00 am – 10:00 am

Platform 7 *Developmental Disorders/Pediatrics*
Chairpersons: *Robert Hevner and Keith Ligon*

8:00-8:15	139	OLIG2 FUNCTION IS REQUIRED FOR NG2 CELL DEVELOPMENT. Keith L. Ligon, Tao Sun, Heather A. Arnett, Massaki Kitada, John A. Alberta, Charles D. Stiles, David H. Rowitch
8:15-8:30	140	A SONIC HEDGEHOG GLYCINE RESIDUE MUTATED IN HUMAN HOLOPROSENCEPHALY IS REQUIRED FOR LIGAND MULTIMERIZATION AND LONG-RANGE SIGNALING. Jennifer Ai-wen Chan, Rosalind A. Segal
8:30-8:45	141	GENOTYPICALLY DEFINED LISSENCEPHALIES SHOW DISTINCT PATHOLOGIES. Mark S. Forman, Marian Squier, William B. Dobyns, Jeffrey A. Golden
8:45-9:00	142	p53 AND PUMA REGULATION OF NEURAL PRECURSOR CELL DEATH. Kevin A. Roth, Ying Geng, Rizwan S. Akhtar
9:00-9:15	143	UNIPOLAR BRUSH CELLS OF THE CEREBELLUM ORIGINATE FROM THE RHOMBIC LIP/GERMINAL TRIGONE AND MIGRATE THROUGH CEREBELLAR WHITE MATTER. Robert F. Hevner, Chris Englund, Andrew J. Fink, Ray A. M. Daza, Diane Pham
9:15-9:30	144	THE SCOTTISH PERINATAL NEUROPATHOLOGY STUDY: APOE POLYMORPHISM, PERINATAL MORTALITY AND BRAIN INJURY. Jeanne Bell, Julie-Clare Becher, Jean W. Keeling, Neil McIntosh
9:30-9:45	145	DANDY-WALKER MALFORMATION: CORRELATION OF DIAGNOSIS ON PRENATAL ULTRASOUND AND ON PATHOLOGY REVIEW AT AUTOPSY. Joanna Phillips, Barry Mahony, Joseph R. Siebert, Tasneem Lalani, Corinne Fligner, Raj Kapur
9:45-10:00	146	THREE DISTINCT POPULATIONS OF GIANT CELLS IN TUBEROUS SCLEROSIS AND FOCAL CORTICAL DYSPLASIA. Mary Fowkes, Douglas C. Miller, Luis Chiriboga

10:00 - 10:30 am *REFRESHMENT BREAK*

10:30 am *SAUL R. KOREY LECTURE (Regency Ballroom)*
Deciphering Hereditary Presenile Dementias:
Neuropathology at the Crossroads of Neuropsychiatry
and Molecular Genetics
Bernardino Ghetti, MD

11:30 am *BUSINESS MEETING II (Regency Ballroom E & F)*
12:30 pm *LUNCH*

SATURDAY, JUNE 11, 2005

Regency Ballroom F

8:00 am – 9:45 am

Platform 8 Alzheimer's Disease – Inflammation/Vascular**Chairpersons: Robert Mraz and Miguel Pappolla**

8:00-8:15	147	HIPPOCAMPAL MICROVASCULATURE ATTRITION AND COGNITIVE DECLINE IN ALZHEIMER'S DISEASE. Thomasina Bailey, Claire B. Rivara, Daniel P. Perl, Vahram Haroutunian, Constantin Bouras, Panteleimon Giannakopoulos, Patrick R. Hof
8:15-8:30	148	CEREBROVASCULAR SMOOTH MUSCLE ACTIN IS INCREASED IN POSSIBLE ALZHEIMER DISEASE BRAIN TISSUE: A CONTROLLED AUTOPSY STUDY. Christine Hulette, John F. Ervin, Yvette Edmonds, Nicolas Stewart, Kathleen Welsh-Bohmer, Carl F. Pieper, Mari H. Szymanski, Donald E. Schmechel
8:30-8:45	149	HYPERHOMOCYSTEINEMIC TRIPLE TRANSGENIC ALZHEIMER'S MOUSE MODEL SHOWS INCREASED BRAIN AMYLOID BETA PEPTIDE LEVELS AND INCREASED BETA-SECRETASE ACTIVITY. Javier Pacheco-Quinto, Elena Rodriguez de Turco, Lorenzo M. Refolo, Nicolas G. Bazan, Altovise Howard, Felix Cruz-Sanchez, Steven De Rosa, Suzana Petanceska, Miguel A. Pappolla
8:45-9:00	150	NEUROTOXICITY FROM MURINE GLIAL INNATE IMMUNE RESPONSE IS GREATEST FOLLOWING TARGETED REPLACEMENT WITH HUMAN $\epsilon 4$ ALLELE OF THE APOLIPOPROTEIN E GENE AND IS MEDIATED BY MICROGLIAL p38MAPK ACTIVITY. Thomas Montine, Izumi Maezawa
9:00-9:15	151	PASSIVE IMMUNIZATION WITH MONOCLONAL ANTIBODY A β 1-11 IN TRANSGENIC MOUSE MODELS OF ALZHEIMER'S DISEASE. Esther S. Oh, Stina M. Tucker, Gay L. Rudow, Joanna L. Jankowsky, David R. Borchelt, Juan C. Troncoso
9:15-9:30	152	A β -IMMUNOTHERAPY IN A PRIMATE MODEL OF CEREBRAL β -AMYLOID ANGIOPATHY. Lary C. Walker, Chris Ibegbu, Ron DeMattos, Yoland Smith, Hanie Elfenbein, Stephanie Stephens, Rebecca Rosen, Rolf Warzok, Mathias Jucker, Sam Gandy, Harry LeVine
9:30-9:45	153	INVESTIGATION OF FC-RECEPTOR MEDIATED PHAGOCYTOSIS ON A β CLEARANCE EX VIVO. Stina M. Tucker, Esther S. Oh, Eduardo D. Zamora, Olga Pletnikova, Gay L. Rudow, David R. Borchelt, Juan C. Troncoso

10:00 - 10:30 am REFRESHMENT BREAK

SATURDAY, JUNE 11, 2005

10:30 am SAUL R. KOREY LECTURE (Regency Ballroom)
***Deciphering Hereditary Presenile Dementias:
Neuropathology at the Crossroads of Neuropsychiatry
and Molecular Genetics***

Bernardino Ghetti, MD

11:30 am BUSINESS MEETING II (Regency Ballroom E)

12:30 pm LUNCH

SATURDAY, JUNE 11, 2005**Regency Ballroom E****2:00pm – 3:15 pm****Platform 9 Tumors – Clinical Studies****Chairpersons: Caterina Giannini and Arie Perry**

2:00-2:15	154	CENTRAL NEUROCYTOMA (CN): A SERIES OF 45 PATIENTS BETWEEN 1971 AND 2003. Rodriguez J. Fausto, James L. Leenstra, Paul D. Brown, Hilary Blair, Bernd W. Scheithauer, Robert B. Jenkins, Steven E. Schild, Caterina Giannini
2:15-2:30	155	PRIMARY CENTRAL NERVOUS SYSTEM LYMPHOMAS HAVE AN IMMUNOPHENOTYPE TYPICAL OF THE CLINICALLY MORE AGGRESSIVE NON-GERMINAL CENTER DIFFUSE LARGE B CELL LYMPHOMA SUBTYPE. Amilcar A. Castellano-Sanchez, Arie Perry, Richard Burack
2:30-2:45	156	CEREBRAL ERDHEIM-CHESTER DISEASE: THE CLINICOPATHOLOGIC SPECTRUM OF 5 CASES. Glenn D. Sandberg, Elisabeth J. Rushing, Iren Horkayne-Szakaly, Kelly K. Koeller, Metin Ozdermirli, Charles S. Specht
2:45-3:00	157	PRIMARY INTRACRANIAL GERMINOMA: A RETROSPECTIVE CLINICOPATHOLOGIC AND RADIOGRAPHIC STUDY OF 27 CASES WITH EMPHASIS ON CLINICAL OUTCOME. Eyas M. Hattab, Kamnesh Pradhan, Annette C. Douglas-Akinwande
3:00-3:15	158	SCHWANNOMA HISTOLOGY REVISITED: CORRELATION OF HISTOLOGICAL FEATURES TO CLINICAL DIAGNOSIS OF SCHWANNOMATOSIS. Anat O. Stemmer-Rachamimov, P. Luigi Poliani, Stacia DeSantis, Rebecca A. Betensky, Edward Hurwitz, Catherine L. Nutt, Mia MacCollin

3:15 -3:45 pm REFRESHMENT BREAK

SATURDAY, JUNE 11, 2005
Regency Ballroom F
2:00 pm – 3:15 pm

Platform 10 **Neurodegenerative, Non-AD – Models**
Chairpersons: **Jill Murrell and William Schlaepfer**

2:00 2:15	159	AGE-DEPENDENT COGNITIVE IMPAIRMENT CORRELATES WITH CORTICAL ALPHA-SYNUCLEINOPATHY IN TRANSGENIC MICE. Manuela Neumann, Christan Freichel, Theresa Ballard, Laurence Ozmen, Edilio Borroni, Will Spooren, Philipp J. Kahle, Hans A. Kretzschmar
2:15- 2:30	160	INTRANUCLEAR INCLUSIONS AND CYTOPLASMIC AGGREGATES IN TRANSGENIC MICE EXPRESSING A C-TERMINAL MUTANT OF THE FERRITIN LIGHT POLYPEPTIDE GENE. Ruben Vidal, Yingbin Su, Rose M. Richardson, Mario Widel, Leticia Miravalle, Bernardino Ghetti
2:30- 2:45	161	CHARACTERIZATION OF A TRANSGENIC MOUSE EXPRESSING HUMAN P301S TAU. Anita G. Gnezda, Alexis Behm, John M. Grealley, Nicholas Grahame, Bernardino Ghetti, Jill Murrell
2:45- 3:00	162	RNA-BINDING PROTEIN REGULATES EXPRESSION, ASSEMBLY AND AGGREGATION OF THE LIGHT NEUROFILAMENT (NF-L) SUBUNIT AND MAY HAVE A ROLE IN MEDIATING THE NEUROTOXIC EFFECTS OF UNTRANSLATED NF-L RNA ON MOTOR NEURONS OF TRANSGENIC MICE. William Schlaepfer, Hong Lin, Jinbin Zhai, Rafaela Cañete-Soler
3:00- 3:15	163	F-ACTIN CAPPING PROTEIN BETA SUBUNIT RNA INTERFERENCE CAUSES LOSS OF PROCESSES IN THE MAMMALIAN NEURONAL CELLS. Ivana Delalle, Zhigang Zhou, Li-Huei Tsai

3:15 – 3:45 pm REFRESHMENT BREAK

SATURDAY, JUNE 11, 2005**Regency Ballroom E****3:45 – 5:00 pm****Platform 11****Infectious Disease****Chairpersons:****Sidney Croul and Ben Gelman**

3:45-4:00	164	A NOVEL SPIROPLASMA SP. RECOVERED IN CELL-FREE BROTH FROM SCRAPIE- AND CWD-INFECTED BRAINS VIA PASSAGE THROUGH EMBRYONATED EGGS. Frank O. Bastian, Anthony S. Perry, Michael E. McDermott, Robert F. Garry
4:00-4:15	165	EXPERIMENTAL TRANSMISSION OF AN ATYPICAL FORM OF BOVINE SPONGIFORM ENCEPHALOPATHY. Fabrizio Tagliavini, Raffaella Capobianco, Cristina Casalone, Claudia Miccolo, Silvia Suardi, Michela Mangieri, Lucia Limido, Maria G. Bruzzone, Cristiano Corona, Gianluigi Zanusso, Salvatore Monaco, Maria Caramelli
4:15-4:30	166	EXPRESSION OF HERPES SIMPLEX VIRUS ENTRY RECEPTOR NECTIN-1 IN NORMAL AND NEOPLASTIC HUMAN NERVOUS SYSTEM TISSUES. Tibor Valyi-Nagy, Grace Guzman, Stephen Oh, Herbert H. Engelhard, Deepak Shukla
4:30-4:45	167	CHRONIC ACTIVE HERPES SIMPLEX ENCEPHALITIS IN AN ASYMPTOMATIC PEDIATRIC PATIENT: CASE REPORT. John E. Donahue, Cynthia Jackson, Qian Wu, William D. Brown
4:45-5:00	168	BALAMUTHIA ENCEPHALITIS: AN EMERGING PATHOGEN IN IMMUNOCOMPETENT INDIVIDUALS? Abdelhalim Fouad, David Michelson, Fred Schuster, Carol Glaser, Nathaniel D. Wycliffe, Ravi Raghavan

8:00 - 11:00 pm **DIAGNOSTIC SLIDE SESSION**
(Regency Ballroom E & F)

SATURDAY, JUNE 11, 2005
Regency Ballroom F
3:45 – 5:00 pm

Platform 12 **Muscle Disease/Neurotoxic Disorders**
Chairpersons: **Philip Boyer and Hans Goebel**

3:45-4:00	169	MYOFIBER GROWTH AFTER REINNERVATION. Antje Bornemann, Zhe Zhou
4:00-4:15	170	LOBULATED / TRABECULAR CHANGE IN MYOFIBERS: A CRITICAL FINDING IN SOME FORMS OF DYSTROPHY. Philip J. Boyer, Charlece S. Hughes, Sharon P. Nations, Gil I. Wolfe, Dennis K. Burns, Jaya R. Trivedi
4:15-4:30	171	VESSEL CHANGES IN MALIGNANT HYPERTHERMIA SUSCEPTIBLE INDIVIDUALS. Marie-Magdeleine J. Ruchoux, Catherine Godfraind, Michel Franck, Thierry Depret
4:30-4:45	172	AXONAL DYSTROPHY AS A COMPONENT OF MULTI-EXPOSURE ORGANOPHOSPHATE-INDUCED DELAYED NEUROTOXICITY. Bernard S. Jortner, Sandra Hancock, Jonathan Hinckley, Jeff Carter, Marion Ehrich
4:45-5:00	173	NEUROPATHOLOGY OF LEUKOENCEPHALOPATHY FROM INHALATION OF HEROIN: REPORT OF THREE CASES. Stephen Yip, George Medvedev, Sian Spacey, Wayne G.R. Moore, Katerina Dorovini-Zis

8:00 - 11:00 pm **DIAGNOSTIC SLIDE SESSION**
(Regency Ballroom E & F)

Author Index.

Abbott, Rick	132	Brown, William D.	167
Abu-Asab, Mones	88	Bruzzone, Maria G.	165
Achim, Cristian L.	10	Buckleair, Linda	60, 78
Agarwal, Beamon	133	Bulnes, Susana	103
Agostino, Naomi R.	1	Burack, Richard	155
Akhtar, Rizwan S.	142	Burns, Dennis K.	170
Alberta, John A.	139	Byer, Stephanie J.	7
Alden, Tord	58	Cairns, Nigel J.	12, 70
Ali, M. Aktar	4	Calero, Miguel	44
Alvord, Ellsworth C.	31	Campbell, Kevin P.	61
Alzate, Juan C.	132	Camphausen, Kevin	112
Ambros, Robert	116	Cañete-Soler, Rafaela	162
Anderson, Soni J.	112	Capobianco, Raffaella	165
Arai, Tomio	46	Caramelli, Maria	165
Argandona, Enrike	103	Carpenter, Joan E.	121
Armstrong, Dawna D.	60	Carrasco, Alex	108
Armstrong, Dawna L.	63	Carroll, Steven L.	7
Arnett, Heather A.	139	Carter, Jeff	172
Aydin, Faruk	123	Casalone, Cristina	165
Baba, Yasuhiko	80	Castellani, Rudolph J.	74
Badve, Sunil	133	Castellano-Sanchez, Amilcar	32,155
Baig, Shabnam	38	Chan, Jennifer A.	109,140
Bailey, Thomasina	147	Chang, Howard T.	93,102
Baisre, Ada	77, 86	Chaudhry, Anneka	6
Bakos, Robert S.	124	Chi, Susan N.	107, 109
Ballard, Theresa	159	Chiriboga, Luis	146
Bastian, Frank O.	164	Cho, Eun-Sook	77, 86
Bauer, Tiffany M.	69	Chou, Pauline M.	58
Bazan, Nicolas G.	149	Chu, Charleen T.	43
Becher, Julie-Clare	144	Clever, Jared L.	41
Becker, James T.	14	Colton, Carol A.	47
Beckner, Marie E.	1	Cook, Casey	53
Behm, Alexis	161	Coons, Stephen W.	118,119
Bell, Jeanne	137,144	Cornelissen, Sandra J.B.	106
Bello, Jacqueline	132	Corona, Cristiano	165
Beltaifa, Senda	25	Cortese, Cherise	85
Bengoetxea, Harkaitz	103	Cowper, Sharon E.	85
Bennett, David A.	40	Cox, Christopher	51, 92
Berman, David	35	Crary, John F.	45
Bertsch, Uwe	42	Croul, Sidney	8
Betensky, Rebecca A.	111,158	Cruz, Manuel A.	77, 86
Bhattacharjee, Meenakshi B.	63	Cruz-Sanchez, Felix	149
Bieschke, Jan	42	Cummings, Thomas J.	122
Bigio, Eileen H.	9, 37, 48,	Curtis, Mark T.	29
	67	Dang, Louis	6
Blair, Hiliary	154	D'Apuzzo, Massimo M.	127
Blaivas, Mila	129	Davcevam, Natasa	26
Boaz, Joel C.	59	Daza, Ray A.M.	143
Boeve, Bradley F.	71	De Rosa, Steven	149
Böhm, Christine	36	DeArmond, Stephen	41
Boots-Sprenger, Sandra H.E.	106	DeCarli, Charles	9
Borchelt, David R.	151,153	Delalle, Ivana	163
Born, Donald E.	31	DeMattos, Ron	152
Bornemann, Antje	169	Depret, Thierry	171
Borroni, Edilio	159	DeSantis, Stacia	158
Boulos, Alan	131	Deshaiies, Eric	131
Bouras, Constantin	147	DiBernardo, Louis R.	122
Bourne, T. David	95	Dickson, Dennis W.	16, 40, 71,
Boyer, Philip J.	12, 72, 85,		72, 79
	170		80, 81, 89
Brat, Daniel J.	2, 32, 87	Dinh, Vinzenz	36
Brem, Steven	126	Djalilvand, Azita	32
Brown, Henry G.	53	Dobyns, Williams B.	141
Brown, Paul D.	157		

Donahue, John E.	167	Goebel, Hans H.	82
Dorovini-Zis, Katerina	21, 22, 173	Gokden, Murat	123
Douglas-Akinwande, Annette	59,157	Golden, Jeffrey A.	141
Duma, Aleksej	26	Gonzales, Fernando	118
Duplessis, Marc	125	Gould, Peter	125
Durden, Donald L.	2	Grafe, Marjorie	114
Dwork, Andrew J.	24, 26	Grafman, Jordan	75
Eberhart, Charles	6, 113	Grahame, Nicholas	161
Edmonds, Yvette	148	Greally, John M.	161
Ehrich, Marion	172	Greco, Claudia	32
Elfenbein, Hanie	152	Greenfield, Edward	18
Engelhard, Herbert H.	166	Grondin, Katrine	125
Englund, Chris	143	Grondin, Luc	125
Epperson, Francine	9	Gullekin, S. Humayun	114
Erickson, Bradley	20	Gupta, Meenakshi	65, 87
Ervin, John F.	148	Guzman, Grace	166
Eschbacher, Jennifer M.	118,119	Gyure, Kymberly A.	64
Estrada, Sara I.	118	Haddix, Terri L.	100,101
Evangelista, Regia	34	Hafez, Naiel	117
Fallon, Kenneth	123	Hamilton, Ronald L.	14
Fan, Xing	6	Hancock, Sandra	172
Farlow, Martin R.	9, 73, 75	Handler, Michael S.	80
Farrer, Matthew J.	16	Hans, Kretzschmar	137
Fausto, Rodriquez J.	154	Harbaugh, Kimberly	84
Fiano, Valentina	5	Haroutunian, Vahram	147
Fink, Andrew J.	143	Harper, David G.	49
Finkelstein, Sydney D.	96	Harris, Brent T.	110,134
Fligner, Corinne	145	Harrison, Paul J.	25
Folkerth, Rebecca D.	107	Hartl, Ulrich	42
Foong, Chan C.	69	Hashemzadeh-Bo, Lily	70
Forbang, Nketi	104	Hasselblatt, Martin	36
Forman, Mark S.	12,141	Hattab, Eyas M.	59,133, 157
Foroud, Tatiana	15	Hawkins, Cynthia	32
Fouad, Abdelhalim	168	Hazariwala, Sonal	87
Fowkes, Mary	146	Hedley-Whyte, E. Tessa	50, 68
Fowler, David R.	51, 55, 90	Hennigar, Randolph A.	87
Francel, Paul C.	56	Herman, Mary M.	25
Franck, Michel	171	Hevner, Robert F.	143
Freeman, Stefanie	68	Hinckley, Jonathan	172
Freichel, Christian	159	Hirose, Shigehisa	36
Frosch, Matthew P.	50, 68	Hirschberger, Thomas	42
Fung, Kar-Ming	56, 99	Hitoshi, Yasuyuki	110
Gaiano, Nicholas	6	Hladik, Christa L.	69
Gandy, Sam	152	Hof, Patrick R.	147
Gao, Xiaoying	76	Honeycutt, Johnnie	99
Garfield, Susan	35	Hong, Seok H.	136
Garibi, Jesus M.	108	Hooper, D. Craig	29
Garonzik, Jacqueline M.	87	Horkayne-Szakaly, Iren	90, 92, 156
Garry, Robert F.	164	Howard, Altovise	149
Gearing, Marla	11, 13	Hsi, T.	50
Gebarski, Stephen S.	129	Huang, Eric	41
Geng, Ying	142	Huang, Ruo Pan	2
Germin, Barbara I.	124	Hughes, Charlece S.	170
Ghatak, N.R.	117	Hughes, Stephen	123
Ghetti, Bernardino	9,13,15, 44, 66, 73, 76, 160, 161	Hui, Siu	66
Ghimenti, Chiara	5	Hulette, Christine M.	47,122, 148
Giannakopoulos, Panteleimon	147	Hunter, Stephen B.	65, 87
Giannini, Caterina	154	Hurwitz, Edward	158
Giese, Armin	42	Hussaini, Isa M.	121
Glaser, Carol	168	Hwang, Dong H.	27
Glazier, Bradley S.	9,75	Hyde, Thomas M.	25
Gnezda, Anita G.	161	Ibegbu, Chris	152
Godfraind, Catherine	171	Ilievski, Boro	24

Ishikura, Nako	41	Lekovic, Gregory P.	118
Israel, Mark A.	110	Leung, Lawrence L.K.	101
Jackson, Cynthia	167	Levey, Allan I.	11, 13
Jankowsky, Joanna L.	151	LeVine, Harry	152
Jenkins, Robert B.	154	Lewin-Smith, Michael R.	115
Jeong, Sang W.	27,136	Li, Ling	92
Jeuken, Judith W.M.	106	Li, Qing	116
Jhaveri, Bharvati S.	12	Ligon, Keith L.	109,139
Jin, Jinghua	31	Limido, Lucia	165
Jortner, Bernard S.	172	Lin, Cheryl	39
Joseph, Charles	85	Lin, Hong	162
Josephs, Keith A.	71	Lin, Wen-Lang	80, 89
Jucker, Mathias	152	Lipton, Anne M.	72
Kahle, Philipp J.	159	Liu, Cheng Z.	56
Kaimaktchiev, Vassil	54	Liu, Kenneth	22
Kalasinsky, Victor F.	115	Llena, Josefina F.	132
Kamitani, Hideki	94	Lopes, Maria B.S.	95,121
Kapur, Raj	145	Lopez, Oscar L.	14
Karlawish, Jason H.	12	Louis, David N.	97,111
Kay, John E.	70	Love, Seth	38
Keeling, Jean W.	144	Lowenkopf, Theodore J.	54
Keilp, John	24	Lucchinetti, Claudia F.	20
Kershnik, Matthew	85	Lukas, Thomas	67
Kesserwan, Chimène	56	Lukovits, Timothy G.	134
Khalili, Kamel	8	Lukyanov, Eugene	4
Kiehl, T.-R.	50	Lund, Cheryl	72
Kieran, Mark W.	109	MacCollin, Mia	158
Kim, Bo-Mi	98	Mackenzie, Ian R.	12
Kim, Eun J.	27	Maezawa, Izumi	150
Kim, Kwang S.	27,136	Mahony, Barry	145
Kim, Seung U.	27,136	Mancevski, Branislav	24, 26
Kim, Woo K.	136	Mandell, James W.	17, 95
Kimonis, Virginia E.	12	Mangieri, Michela	165
Kinney, Hannah	57	Mann, J. John	26
Kitada, Massaki	139	Marcinkiewicz, Cezary	8
Kleeburger, Wolfram	113	Markesbery, William R.	12
Klein, William L.	37	Maser, Jörg	48
Kleinman, Joel E.	25	Matsumoto, Julie A.	95
Koeller, Kelly K.	156	Matsuo, Yoshie	94
Koeppe, Arnulf	131	McCleary, Carol	39
Kretzschmar, Hans A.	42,159	McClintock, Benjamin	25
Krishna, Murli	89	McDermott, Michael E.	164
Kros, Johan M.	3	McGuire, Susan O.	53
Kuchroo, Vijay K.	18	McIntosh, Neil	144
Kundu, Bijoy	121	McKee, Ann	49
Kurosaki, Masamichi	94	McKeel, Daniel W.	12
Kurzton, Matthew	24, 26	Medvedev, George	173
Lacob, Codrin	23	Meredith, Dennis S.	128
Lacor, Pascale N.	37	Merrell, Ryan	105
Lafuente, Jose V.	103,108	Miccolo, Claudia	165
Lah, James J.	11, 13	Michelson, David	168
Lai, Barry	48	Mikolaenko, Irina	57,107
Lalani, Tasneem	145	Miller, C. Ryan	30
Lambert, Mary P.	37	Miller, Carol A.	39
Lampson, Lois A.	128	Miller, Douglas C.	23,146
Lan, Li	4	Minami, Masayuki	135
Larkin, Kay	54	Miravalle, Leticia	44, 66, 76,160
Lavezzi, Wendy	130		
Law, Amanda J.	25	Mirra, Suzanne S.	13, 45, 52
Le, Brian H.	84, 85	Mishra, Manjari	48, 67
Lee, Hong J.	27,136	Miyata, Hajime	94
Lee, John	53	Mizrachi, Eli M.	60
Lee, Youn-Soo	120	Mizutani, Tomohiko	135
Lee, Yu-Jung	98	Mohapatra, Gayatry	111
Leenstra, James L.	154	Monaco, Salvatore	165
Lees, Marjorie B.	18	Montine, Thomas J.	31,150

Moore, Steven A.	61	Pieper, Carl F.	148
Moore, Wayne G.R.	173	Pletnikova, Olga	153
Moroz, Albin L.	115	Poliani, P. Luigi	158
Mosaheb, Sabrina	70	Pollack, Ian F.	1
Mott, Ryan T.	47	Pomposo, Inigo	108
Mourelatos, Zissimos	33	Powell, Suzanne Z.	78
Mueller, Wolf C.	97,111	Powers, James M.	72,124
Mufson, Elliott J.	40	Pradhan, Kamnesh	157
Mullick, Florabel G.	115	Prameya, Rukmini	22
Mullins, David W.	121	Pu, Cunfeng	83, 84
Murakata, Linda A.	115	Qian, Jiang	116,130, 131
Murayama, Shigeo	46	Quezado, Martha	34, 35, 88, 112
Murrell, Jill R.	9,13,73, 75,161	Raghavan, Ravi	168
Mut, Melike	121	Rajaram, Veena	58
Myles, Timothy	101	Rajit, Shetty	107
Nabors, Louis B.	105	Randall, Brad	57
Nag, Sukriti	28	Rapkiewicz, Amy	88
Nagai, Atsushi	136	Rauski, Snezana	26
Nations, Sharon P.	170	Recht, Lawrence D.	101
Nelson, Peter T.	33	Reddy, Jayagopala	18
Neumann, Manuela	159	Redpath, Gerald T.	121
Newcomb, Elizabeth	4	Refolo, Lorenzo M.	149
Newell, Kathy	91,104	Reiss, Krzysztof	8
Nixon, Randal R.	54	Rhodes, C. Harker	134
Nutt, Catherine L.	97,158	Richardson, Rose M.	76,160
O'Brien, Tom	123	Rickert, Christian H.	36
Ogawa, Katsuhiko	135	Riemenschneider, Markus J.	97,111
Oh, Esther S.	151,153	Reisz, David	92
Oh, Stephen	166	Riudavets, Miguel A.	51, 55, 90, 92
Ohama, Eisaku	94	Rivara, Claire B.	147
Ohgaki, Hiroko	32	Rivas, Sharon	84
O'Neill, Oisín R.	54	Rizvi, Ghousia	83
Ostendorf, Adam	61	Robles, Hector	89
Owor, Gerladine	131	Rodríguez de Turco, Elena	149
Oxberry, William	45	Roemer, Shanu Faerch	20
Ozdermirli, Metin	156	Rojjani, Aryn M.	19, 86, 126
Ozmen, Laurence	159	Rojjani, Mumtaz V.	126
Pacheco-Quinto, Javier	149	Rong, Yuan	2
Palmer, Cheryl A.	105	Rose, Tavares	49
Pan, Catherine	31	Rosen, Rebecca	152
Pappolla, Miguel A.	149	Rosner, Steven	86
Pardo, Carlos	55	Rosoklija, Gorazd	24, 26
Parisi, Joseph E.	71	Ross, Jeffrey	130
Park, In H.	27,136	Ross, Owen A.	16
Park, Sung-Hye	98	Ross-Barta, Susan E.	61
Pastorino, John	29	Rostomily, Robert C.	31
Pate, Lisa L.	100	Roth, Christian	107
Paulus, Werner	36	Roth, Kevin A.	142
Paunesku, Tatjana	48, 67	Rowitch, David H.	139
Pedro, Piccardo	9	Rubin, Mark A.	109
Perkins, Tony	66	Rubio, Ana	51,55, 90,92
Perl, Daniel P.	147	Ruchoux, Marie-Magdeleine J.	171
Perry, Anthony S.	164	Rudow, Gay L.	51,151, 153
Perry, Arie	30, 32, 105, 122, 155	Rulten, Stuart L.	70
Pestronk, Alan	12	Rushing, Elisabeth J.	34, 35, 90,112, 115, 156
Petanceska, Suzana	149	Sacktor, Todd C.	45
Petraglia, Anthony L.	124	Saito, Yuko	46
Petropoulou, Kalliopi	99	Sandberg, Glenn D.	115,156
Pevsner, Paul	23		
Pfannl, R.	50		
Pham, Diane	143		
Phillips, Joanna	145		
Piccardo, Pedro	15, 66		

Santi, Mariarita	34, 35	Szymanski, Mari H.	148
Satz, Jakob	61	Tagliavini, Fabrizio	165
Sawabe, Motoji	46	Takao, Masaki	9,15, 44,75
Saxena, Romil	133		
Scheithauer, Bernd W.	20,154	Takei, Hidehiro	63
Schelper, Robert L.	93,102	Tapia, Elsa Li Ning	112
Schiffer, Davide	5	Tatenhorst, Lars	36
Schiffman, Raphael	88	Tatzelt, Jörg	42
Schild, Steven E.	154	Tavan, Paul	42
Schlaepfer, William	162	Tekrony, Mark C.	85
Schmechel, Donald E.	148	Teng, Billy B.	21
Schroeder, Barbara	19	Thorpe, Julian R.	70
Schuster, Fred	168	Tian, Di	50, 68, 138
Scott, R. Michael	107		
Segal, Rosalind A.	140	Towfighi, Javad	84
Selden, Nathan R.	114	Trembath, Dimitri G.	122
Serafimova, Tereza	24, 26	Trencevska, Iskra	24
Shaffrey, Mark E.	121	Tripp, Cara A.	128
Shah, Sejal S.	102	Trivedi, Jaya R.	170
Shahidi, Réza	22	Troncoso, Juan C.	51, 55, 90, 92,151, 153
Shannon-Weickert, Cynthia	25		
Shao, Charles Y.	45		
Sharer, Leroy R.	77	Tsai, Li-Huei	163
Shaw, Pamela	37	Tsokos, Maria	88
Sheehan, Christine	130	Tucker, Stina M.	151,153
Sheffield, Lynette G.	52	Turner, John W.	122
Shehata, Bahig	32	Uchikado, Hirotake	79, 81
Shieh, Wun-Ju	65	Uchiyama, Yasuo	43
Shuey-Drake, Rhonda	99	Uehara, Kenji	135
Shukla, Deepak	166	Ulbricht, Thomas M.	59
Shuster, Elizabeth A.	89	Unvergazgt, Frederick W.	9, 73, 75
Siddique, Teepu	67	Valyi-Nagy, Tibor	166
Siebert, Joseph R.	145	van der Weiden, Marcel	3
Silver, Stephen M.	19	Van Meir, Erwin G.	2
Simmons, Zachary	84	Vanderburg, C.R.	50
Singluff, Criag L.	121	Venugopalan, Roopa	28
Smith, Charles D.	12	Vidal, Ruben	44, 66, 76,160
Smith, Yoland	152		
Snipes, G. Jackson	60	Vincent, Chris	74
Snuderl, Majija	109	Vincenti, Donna	130
Sobel, Raymond	18	Viola, Kirsten	37
Sonnen, Joshua	39	Vitek, Michael P.	47
Sosnowski, Jeffrey	113	Vogel, Hannes	100,101, 127
Spacey, Sian	173		
Spann, Bryan M.	39	Vogt, Stefan	48
Specht, Charles S.	115,156	Vortmeyer, Alexander O.	120
Spina, Salvatore	13, 15, 73	Walker, Lary C.	152
Spooren, Will	159	Wang, Deng-Shun	40
Squier, Marian	141	Warzok, Rolf	152
Staniszewska, Izabela	8	Watts, Giles D.J.	12
Stemmer-Rachamimov, Anat O.	158	Weber, Petra	42
Stephanie, Soscia	49	Weidenheim, Karen	132
Stephens, Stephanie	152	Weiner, Myron F.	72
Sterns, Richard H.	19	Welsh-Bohmer, Kathleen	148
Stetka, Brett S.	17	Wesseling, Pieter	106
Stewart, Duncan J.	28	West, G. Alexander	114
Stewart, Nicolas	148	Westra, Steven	61
Stiles, Charles D.	139	Wharen, Robert E., Jr.	89
Stonecypher, Mark S.	7	White, Charles	69, 72
Stopa, Edward G.	49	Widel, Mario	160
Su, Yingbin	76,160	Wilcock, Gordon K.	38
Suardi, Silvia	165	Wilfong, Angus	63
Sun, Tao	139	Wilkinson, Steven B.	104
Suzuki, Yoshio	135	Williams, Celia	39
Swalsky, Patricia A.	96	Williams, Timothy L.	134
Swanson, Eric	12	Wilson, Matthew M.	96

Wincovitch, Stephen	35
Winklhofer, Konstanze F.	42
Wolfe, Gil I.	170
Woloschak, Gayle E.	48, 67
Wotoczek-Obadia, Marguerite	126
Wszolek, Zbigniew K.	80
Wu, Qian	167
Wu, Vivan	22
Wycliffe, Nathaniel D.	168
Yamaguchi, Keiji	9, 13, 15, 66, 75
Yamanouchi, Hiroshi	46
Yang, Xiaohe	116,131
Yen, Amy Y.	14
Yip, Stephen	173
Yoshor, Daniel	60, 63
Yost, Robert B.	32
Yu, Zhongxin	99
Zagzag, David	4
Zahid, Jahanara	83
Zaki, Sherif R.	65
Zamora, Eduardo D.	153
Zanusso, Gianluigi	165
Zapata, Mauricio	65
Zhai, Jinbin	162
Zhang, Jing	31
Zheng, Ping-Pin	3
Zhou, Li	39
Zhou, Zhe	169
Zhou, Zhigang	163
Zhu, Jian-Hui	43
Zhuang, Zhengping	120