

PROGRAM

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

JUNE 9-12, 2005

**HYATT REGENCY CRYSTAL CITY
HOTEL**

ARLINGTON, VIRGINIA

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**AMERICAN ASSOCIATION OF
NEUROPATHOLOGISTS**

Office of Secretary-Treasurer
George Perry
Institute of Pathology
Case Western Reserve University
2095 Adelbert Rd
Cleveland, OH 44106
Phone: 216-368-2488
Fax: 216-368-8964
Email: aanp@cwru.edu
Home page <http://www.neuropath.org>

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Journal of Neuropathology and Experimental Neurology
Michael N. Hart, Editor
Eileen S. Healy, Managing Editor
E-mail jnen@pathology.wisc.edu
Home Page: <http://www.jneuropath.com>

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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, Corey 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	Tidewater Room and Cinnabar Restaurant	
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.

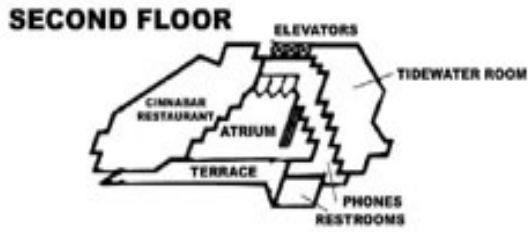
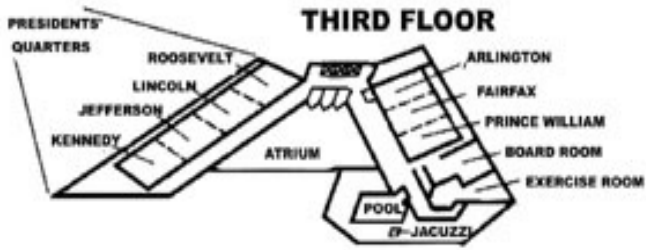
Location	Potomac Room – Section 6	
Time	Thursday, June 9	12:00 pm – 5:30 pm
	Friday, June 10	7:00 am - 5:30 pm
	Saturday June 11	7:00 am - 5:30 pm

MEETING SPONSORS

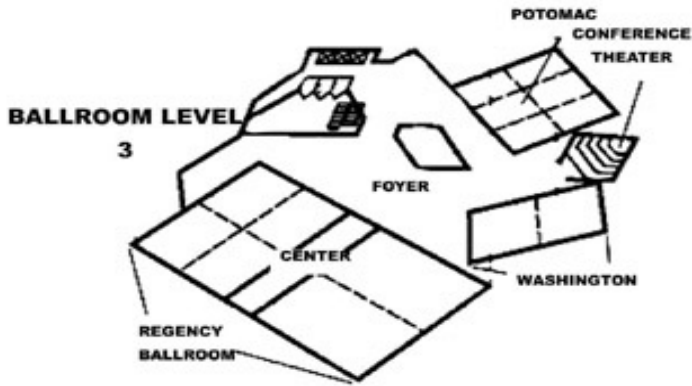
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PROGRAM and SCIENTIFIC SESSIONS**SPECIAL COURSE:**

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	
2:00 - 4:00 pm	Platform 5 Tumors-Biomarkers <i>#29 - 36</i>	Platform 6 Neurodegenerative - Pathogenesis <i>#37 - 44</i>	Peripheral Nerve/Muscle <i>#82-86</i>
4:00 - 4:30 pm	<i>REFRESHMENT BREAK</i>		Toxic/Metabolic Dis <i>#87-90</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>		Trauma <i>#91-92</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:*Tidewater Room and Cinnabar Restaurant*

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
Tidewater Room and Cinnabar Restaurant

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
Chairpersons:

Neurodegenerative, Non-AD – Models
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)

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