

Neuropathology Newsletter
AMERICAN ASSOCIATION OF NEUROPATHOLOGISTS
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The 91st Annual meeting of the American Association of Neuropathologists will be held in Denver, Colorado at The Grand Hyatt Denver Hotel, June 11-14, 2015. Additional information will be posted on the AANP website as it becomes available. Abstracts may be submitted on-line starting in December, exact dates will follow.



IN THIS ISSUE

AANP Organization
2014 Meeting review
CME Statement
XVIII ICN Meeting review
2015 Meeting introduction
AANP Self-Assessment Modules
Announcements
New Members

AANP ORGANIZATION

Office of the Secretary-Treasurer

25373 Tyndall Falls Drive

Olmsted Falls, OH 44138

Phone: 440-793-6565; Fax: 440-793-6598 Email: aanpoffice@gmail.com

OFFICERS

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DIAGNOSTIC SLIDE SESSION

Caterina Giannini, Moderator
Rebecca D. Folkerth, Manager

COUNCILORS TO THE INTERNATIONAL SOCIETY OF NEUROPATHOLOGY

E. Tessa Hedley-Whyte
Alexander Judkins
Arnulf H. Koeppen
Arie Perry
George Perry

OFFICIAL JOURNAL

Journal of Neuropathology and Experimental Neurology

Raymond A. Sobel, Editor

Eileen S. Healy, Managing Editor

Email: jnen@pathology.wisc.edu

NEWSLETTER EDITORS

Mark L. Cohen
Peggy Harris

90TH ANNUAL MEETING OVERVIEW

The 90th Annual Meeting was held in Portland, Oregon on June 12-15, 2014 at The Nines Hotel.

SPECIAL COURSE

The special course was divided into two portions, titled Morning: PI3K-AKT-mTor and Brain Overgrowth: Too much of a Good Thing and the Afternoon: A Practical Approach to Pediatric Brain Tumors was organized by Dr. Anthony T. Yachnis and Dr. Robert Hevner.

The session included the following lectures:

Lhermitte-Duclos Disease: Circumscribed Cerebellar Cortical Overgrowth with Granule Cell Hypertrophy and Altered PTEN/mTOR signaling, Anthony T. Yachnis, MD; PI3k-AKT-mTOR in Gliomas, Craig Horbinski, MD, PhD; autism as a Sequence: From Heterochronic Germinal Cell Divisions to Abnormalities of Cell Migration and Cortical Dysplasias, Manuel F. Casanova, MD; Size Matters: The Genetic Basis of Megalencephaly and Segmental Cortical Dysplasias, William B. Dobyns, MD; Pathology of Hemimegalencephaly, Robert F. Hevner, MD, PhD; Focal Cortical Dysplasias: A Neuropathological and Molecular Perspective, Eleonora Aronica, MD; Tuberous Sclerosis Complex & Neurologic Disease, Harry V. Vinters, MD; Medulloblastomas and Other Embryonal Tumors: Current Classification and Diagnosis, Charles G. Eberhart, MD, PhD; Pediatric Gliomas: A Survival Guide for Neuropathologists, Tarik Tihan, MD, PhD; AT/RT and Related Tumors: Pathology and Diagnosis of SMARCB1-Deficient Neoplasms, Alexander Judkins, MD, FRCP.

TRAINEE LUNCHEON

The trainee luncheon was sponsored by the Journal of Neuropathology and Experimental Neurology and was exceptionally well attended with over 60 trainees attending. This was a great opportunity for trainees to interact with established Neuropathologists and discuss a variety of issues relevant to trainees in general. Michael Lawlor, Edward Lee, Craig Horbinski, Pavan Auluck, Matija Snuderl, Marie Rivera-Zengotita, Aaron Wagner and Raymond Sobel held informal presentations.

A "job fair" was also held during the luncheon allowing prospective employers and the trainees to interact.

PRESIDENTIAL SYMPOSIUM

State of the Art: Brain Tumor Diagnosis

The Presidential Symposium included the Matthew T. Moore Lecture, WHO's Next? Suggested Guidelines for the Next WHO Classification of Brain Tumors, presented by David N. Louis, MD. Other presenters included, Daniel Brat, MD, PhD, Comprehensive and Integrative Genomic Characterization of Diffuse Lower Grade Gliomas; Kenneth Aldape, MD, PhD, Glioblastoma: The TCGA Findings; and Arie Perry, MD, Meningioma Grading and Potential Biomarkers.

ABSTRACTS

Abstracts were published in the June 2014 issue of the Journal of Neuropathology and Experimental Neurology, and are available at the website <http://journals.lww.com/jneuropath>.

DIAGNOSTIC SLIDE SESSION

A total of 22 cases were submitted with 11 chosen to be presented. Nine cases were presented by trainees and were considered for the O.T. Bailey-Helena Riggs Award.

The O.T. Bailey-Helena Riggs Award in honor of the founding Moderator and Manager of the American Diagnostic Slide Session was presented to Matthew D. Cykowski, MD, for the best case presented by a trainee, case 2014-6.



THE SAUL R. KOREY LECTURE



The Saul R. Korey lecture was established by Dr. Robert D. Terry in honor of Dr. Saul R. Korey, the founder and first Chair of the Department of Neurology at Albert Einstein College of Medicine. Dr. Korey's vision of an interdisciplinary approach to the study of neurological diseases by basic and clinical scientists has inspired generations of colleagues and trainees.

This year Thomas J. Montine, MD, PhD presented Alzheimer's Disease and Related Dementias.

THE DEARMOND LECTURE

The DeArmond Lecture was established in honor of Stephen J. DeArmond's outstanding leadership and organization of the 2006 International Congress of Neuropathology's scientific program. The DeArmond Lecture was established to honor individuals making major advances in the field of neurodegeneration and aging.

This year Dale E. Bredesen, MD, presented Prionic Loops, Dependence Receptors, and a New Approach to Alzheimer's Disease.



THE PARISI LECTURE



The Parisi Lecture was established with a grant from Teva Neurosciences, a subsidiary of Teva Pharmaceuticals, which is devoted to the study and development of products that address the needs of individuals in the field of neurology. The lecture was named the Parisi Lecture in honor of Dr. Joseph E. Parisi, an exceptional member of the Society.

This year Clayton A. Wiley, MD, PhD presented Human Parechovirus Encephalitis?.

THE MATTHEW T. MOORE LECTURE



In 1988, Rachele Fishman, a former patient of Matthew Moore, bequeathed funds to establish the lectureship. The lectureship ultimately replaced the distinguished lectureship that was sponsored by the Association, and to this day honors a distinguished member within the field of Neuropathology.

This year David N. Louis, MD presented WHO's Next? Suggested Guidelines for the Next WHO Classification of Brain Tumors.

AWARDS

TRAVEL AWARDS

The American Association of Neuropathologists presented six \$1000.00 travel awards to the following recipients: Robert S. McNeill, Daniel Mordes, Guo Zhu, Lyndsey A. Emery, Maria-Magdalena Georgescu and Gerald F. Reis.

The success of this program is a direct result of the contributions made by AANP members, and makes it possible for AANP to support our youngest and most promising constituents.

MOORE AWARD

The Moore Award for the Best Paper on Clinico-Pathological Correlation was awarded, to Jennifer Cotter for Radial Glia Defects and the Pathogenesis of Germinal Matrix Hemorrhage.

LUCIEN J. RUBINSTEIN AWARD

The Lucien J. Rubinstein Award for the Best Paper on Neuro-oncology was presented to Sriram Venneti for Glutamine Based PET Imaging Facilitates Enhanced Metabolic Detection of Gliomas in Vivo.

WEIL AWARD

The Weil Award for the Best Paper on Experimental Neuropathology was awarded to Mario Suvá for Reprogramming Cell Circuits in Glioblastoma.

HIRANO AWARD

The Hirano Award for the Best Paper on Neurodegenerative Diseases was awarded to Peter Nelson for Association Between Hippocampal Sclerosis of Aging (HS-Aging) Pathology and Sulfonylurea Drug Exposure in NACC.

ROBERT TERRY AWARD

The Robert Terry Award for the Best Paper on Neurodegenerative Diseases was awarded to Elaine Liu for C9orf72 Hypermethylation Influences Repeat Expansion Associated Pathology in ALS/FTD.

AWARDS FOR MERITORIOUS CONTRIBUTIONS TO NEUROPATHOLOGY

The Award for Meritorious Contributions to Neuropathology recognizes a member who has made significant contributions to the advancement of knowledge in neuropathology and provided service to the American Association of Neuropathologists. Each recipient of the award is nominated by the president, in conjunction with the Nominating Committee and with the approval of the Executive Council. These qualities of outstanding scientific achievement and service are embodied in this year's recipients.

FLOYD GILLES, MD AND FRANCOISE GRAY, MD, PHD



View <http://neuropath.org/meetings/2014/Program.pdf> for the complete program. Presentations can be viewed by downloading them from the website at <http://neuropath.org/meetings/2014/presentations.zip>

CME STATEMENT

The American Association of Neuropathologists is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians and designated the following continuing medical education activities for credit hours in Category 1 of the Physician's Recognition Award of the American Medical Association.

Activity	CME Credit Hours
Special Course	7.25
Scientific Sessions	8
Korey Lecture	1
DeArmond Lecture	1
Parisi Lecture	1
Diagnostic Slide Session	3
Presidential Symposium	3.25
What Every Neuropathologist Needs to Know	1
Total	25.50

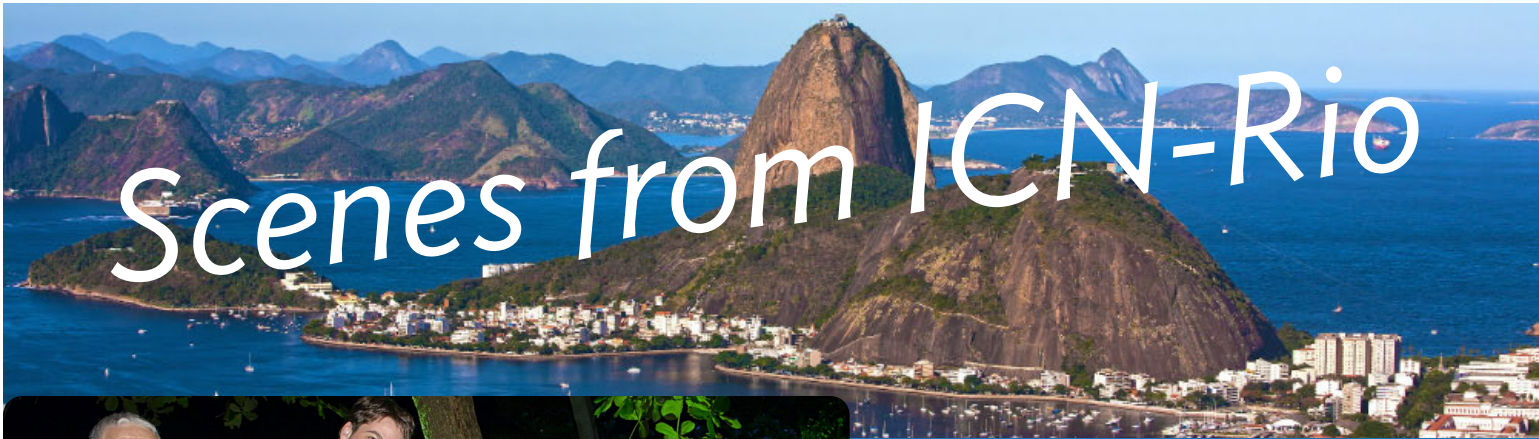
The XVIIIth International Congress of Neuropathology was held in Rio de Janeiro, Brazil, September 14-18, organized by Brazilian and Argentinian neuropathologists with the contribution of a highly qualified international scientific committee complemented by a lively and friendly atmosphere in the setting of a wonderful landscape with very pleasant social events. There were 434 participants from 36 countries (mostly from Brazil, followed by the USA/AANP delegation with about 70 members present, Japan, United Kingdom, France, Canada, Germany, Argentina, India, Australia, Mexico, Italy, China, Spain, Sweden, The Netherlands, Portugal, Czech Republic, Denmark, Switzerland, Hungary, Russia, Austria, Belgium, Chile, Jordan, Colombia, Finland, Israel, Jamaica, Malaysia, Mozambique, Pakistan, Poland, South Africa and Thailand) including 148 Speakers and 12 invited chairs.

The scientific program covered a full range of interests, promoting the exchange of expertise among neuropathologists and related disciplines, including neurologists, neurosurgeons, neuro-oncologists, neuroradiologists, and basic neuroscientists. A whole day pre-congress symposium entirely devoted to discussion of pediatric brain tumors, was organized by Drs. Torsten Pietsch and Felipe Andreiuolo. Social events included a spectacular dinner for speakers at a local restaurant, an evening where the Brazilian Symphony played the background music to a classic Charlie Chaplin silent film, the Kid, staged in one of the most beautiful Baroque buildings in Rio, and then a 5 course final Gala dinner—all planned almost single handedly by Leila Chimelli (with lots of help though from Bea—who spoke on multiple different topics on the platform, and assisted in selecting speakers).

The meeting started every day at 11:00 and ended around 7:00, so we all could enjoy an early morning run at the beach or swim in one of marvelous pools of the hotel before the meeting started. Morning conferences were followed by symposia, poster viewing, workshops, and short oral presentations of selected posters. The scientific sessions covered all aspects of Neuropathology including neurodegenerative disorders, neuro-oncology, metabolic and toxic disorders, peripheral neuromuscular disorders, cerebrovascular diseases, pituitary and ocular pathology, trauma, and forensic neuropathology. In addition, topics such as brain banking and neuropathology education were emphasized. Evening activities included an interactive quiz session, where men and women competed on various subjects (women won!!), and a diagnostic slide seminar. The last day was devoted to topic summaries in sessions entitled “Practice Changes Updates”, followed by a discussion about neuropathology training, a presentation by the winner of the Young Investigation Nissl Award, and the closing ceremony, when awards to the best oral presentations was announced.

The ISN and the ICN-Rio contributed with several grants for medical students, neuropathology trainees and neuropathologists from underprivileged regions of the world for attending the meeting. Abstracts are published online in Brain Pathology. A mobile phone applicative (ICN 2014) with full program and abstracts download function, was developed.

We are all looking forward to the next ICN meeting in Japan in 2018.



Scenes from ICN-Rio



Opening night cocktails facing the private beach of Sheraton Rio Hotel & Resort

Bea paying tribute to her first professor of Neuropathology in Brasil, Sergio Rosemberg



Gustavo Sevlever paying tribute to his first professor in Argentina, Ana Lia Taratuto



NISSL AWARD winner Melissa Murray with Leila Chimelli & Dennis Dickson

91st AANP ANNUAL MEETING
PRECISION MEDICINE
THE GRAND HYATT DENVER HOTEL
91ST ANNUAL MEETING
11-14 JUNE 2015
DENVER, COLORADO

Though we are still early in the planning stages for the 2015 AANP Annual Meeting, the theme will be *Precision Medicine*, with special attention to neurodegenerative diseases, especially Alzheimer Disease, and Neuro-Oncology. Beginning this year, the Special Course will be included in the meeting registration fee, and will, once again, be in two parts: 1. **SURGICAL NEUROPATHOLOGY: REVIEWS AND UPDATES**, including *Primary CNS Lymphoma and the so-called “pre-lymphomatous” conditions, Small vessels disease – classification and genetics implications, Ophthalmic pathology – what it is in the purview of neuropathologists, and New immunomarkers for the practical diagnosis in surgical neuropathology*; and 2. **RECRUITING AND TRAINING NEUROPATHOLOGISTS: ARE WE DOING A GOOD JOB?**, including *An overview of the International Society of Neuropathology experience, The American System - Review of the ACGME Neuropathology Program, and The professional market for Neuropathology trainees. **DON'T MISS IT!!***

Call for Abstracts:

We will begin soliciting abstract submissions for the 2014 meeting on December 3, 2013. We are allowing three first author submissions per member. Abstracts must be submitted electronically. The meeting link will take you to the instruction page – please follow the directions carefully. Authors will be sent an email to verify receipt of abstracts. Notification of acceptance and programming decisions regarding the abstracts will also be sent via email. If you have any questions please contact the Program Chair, Edward B. Lee at:

Edward B. Lee, MD
University of Pennsylvania
605B Stellar Chance Laboratories
422 Curie Blvd
Philadelphia, PA 19104
edward.lee@uphs.upenn.edu

ABSTRACT DEADLINE: MARCH 1, 2013 AT 11:59 PM EST.

DIAGNOSTIC SLIDE SESSION
OF THE AMERICAN ASSOCIATION OF NEUROPATHOLOGISTS

Caterina Giannini, Moderator Rebecca D. Folkerth, Manager
Giannini.Caterina@Mayo.edu rfolkerth@partners.org

The popular Diagnostic Slide Session, moderated by Dr. Caterina Giannini, will be held on Saturday June 13, 2015 at 8:00 pm. Members who have cases they would like to have considered for inclusion should contact:

Caterina Giannini
Pathology Department
200 First Street SW Mayo Clinic Rochester, MN 55905
Phone: 507-538-1181
Giannini.Caterina@Mayo.edu

Please provide a brief clinical summary and the key diagnostic points, e-mailed as a short PowerPoint or word document. A single representative H&E-stained slide should be sent by mail and if chosen for presentation contributors should be able to provide up to 150 slides from large specimens. Small biopsies of interesting entities are also welcome for consideration and will be posted using virtual microscopy. **THE DEADLINE FOR CONSIDERATION IS JANUARY 16TH, 2015.** Contributors will be notified of the decision by February 6th, 2015.

If selected for presentation, contributors should submit all slides having studies necessary for diagnosis indicating which ones should be made available for whole slide imaging before the session and which, by virtue of giving away the diagnosis, should be posted after the meeting. Whole slide images will be posted to the DSS web site along with the protocol.

A limited number of glass slide sets of the cases to be presented, reserved by February 27th, will be sold on a first-come first serve basis, limited to one per person. The protocols will be posted online and the slides sent from Minnesota in early May. Members are strongly encouraged to purchase sets using the 2015 meeting registration form at www.neuropath.org. Members may also send a check to the address below for \$60.00 made payable to "Diagnostic Slide Session"*. As this method runs parallel to the automatically updated registration database, we cannot guarantee fulfillment of requests made by check.

Rebecca D. Folkerth
Brigham & Womens Hospital Pathology/Neuropathology Department
75 Francis Street
Boston, MA 02115
Phone: 617 732-7532
rfolkerth@partners.org

* Foreign checks, including Canadian, must be issued through an American Bank with a proper routing number. If payment is made by an institutional check, please make certain that the recipient's name is listed on the check or the accompanying paperwork.

ANSWERS AND POWERPOINTS FROM LAST YEAR'S DSS ARE AVAILABLE ON THE AANP WEB SITE AS IS OUR VIRTUAL LIBRARY OF DSS CASES WITH WHOLE SLIDE IMAGES BACK TO 1959!!

ADDRESSING MAINTENANCE OF CERTIFICATION: AANP SELF-ASSESSMENT MODULES

To aid members in meeting Maintenance of Certification (MOC), Part II requirements set forth by the American Board of Pathology (ABP), the AANP Education Committee is committed to providing Self-Assessment Modules (SAMs), specific to the field of neuropathology, spanning various sub-specialty areas. The AANP Education Committee welcomes your feedback, as we strive to provide useful information that addresses your educational needs and advances your research and practice. As a part of the MOC process, individuals required to address MOC requirements, must obtain an average of 35 *AMA PRA Category 1 Credits™* per year for each two-year period in the MOC cycle. Ten of these credits must be obtained from completion of SAMs. Eighty percent of the CME focus must be directly related to an individual's practice. Self-Assessment Modules (SAMs) are a specific type of *AMA PRA Category 1 Credits™*. These activities may be used as Category 1 CME credits to meet CME requirements for licensure and educational requirements of other organizations. Several new journal-based SAMs will launch in the upcoming months, and below is a listing of SAMs currently available on the AANP website at: <http://www.neuropath.org/sam/v2/index.php>

HUMAN PRION DISEASES: \$25.00; Certified for 1.5 SAM-CME credits

EXAMINATION OF THE CLINICOPATHOLOGIC CONTINUUM OF ALZHEIMER DISEASE IN AUTOPSY COHORT OF THE NATIONAL ALZHEIMER COORDINATING CENTER: \$25.00; Certified for 1.0 SAM-CME credit

2014 PRESIDENTIAL SYMPOSIUM*: \$50.00; Certified for 3.25 SAM credits

2014 SPECIAL COURSE*: \$75.00; Certified for 7.25 SAM credits

2014 DIAGNOSTIC SLIDE SESSION*: \$50.00; Certified for 3.0 hours SAM credits

2014 PARISI LECTURE*: \$25.00; Certified for 1 SAM credit

2014 DEARMOND LECTURE*: \$25.00; Certified for 1 SAM credit

2014 KOREY LECTURE*: \$25.00; Certified for 1 SAM credit

***TO TAKE THESE SAM POST-TESTS, YOU MUST HAVE ATTENDED THIS ANNUAL MEETING SESSION.**

For questions or more information about the certified activities provided by the AANP, please feel free to contact:

Dr. Ross Reichard
Education Committee Chair
Reichard.robert@mayo.edu

Dr. Jack Lee
Education Committee Member/Past Chair
Jlee9@northshore.org

Courtney Riley
CME Coordinator
303-557-0859 Ext. 85
Criley@aoeconsulting.com

ANNOUNCEMENTS

MEMBERSHIP RENEWAL

This year we will be renewing all memberships online at www.neuropath.org. We invite you to help the AANP continue its mission to advance the science, practice, and teaching of neuropathology. As an AANP member you will receive an online subscription to the *Journal of Neuropathology and Experimental Neurology*, one of the premier neuroscience journals in the world, as well as a reduced rate to the Denver meeting. Thank you for your dedication to the society and our mission.

LWW will be mailing out a flyer including the option to receive print editions of the Journal for an additional \$50.

A PLEA FOR HELP FROM YOUR HUMBLE SECRETARY-TREASURER

PathologyOutlines.com is the world's most popular pathology website with 18,000+ visits each weekday. Their mission is to provide information of use or of interest to pathologists who are signing out cases, and other members of the pathology community. PathologyOutlines.com is seeking authors for parts of these neuropathology chapters: CNS nontumor, CNS tumor, Muscle pathology (nontumor). If interested, please contact Kristina Bird at editor.pathout@gmail.com, who will provide more information.

NEW MEMBERS/ STATUS CHANGES

ACTIVE MEMBERSHIP

Matthew Anderson

Ewa Borys

Liam Lucian Chen

Leslie Hamilto

Andrew Miller

Jocelyn Sutton Posthumus

Gerald Reis

Kathryn Belinda Urankar

AFFILIATE MEMBERS

Eng-Tat Ang

Matthew Daniel Cykowski

Grant R Kolar

Hope Richard

AFFILIATE TO ACTIVE STATUS

Miguel Guzman

Hiliary Nickols

SENIOR MEMBERS

Mamdouha Ahdab-Barmads

William Schlaepfer

David Schiffer