

TEMA 14



LA NEUROPATHOLOGÍA EN LA WEB

DR. IVÁN FERNÁNDEZ VEGA MD,PHD

DEPARTAMENTO DE CIRUGÍA Y ESPECIALIDADES MÉDICO QUIRÚRGICAS

FACULTAD DE MEDICINA

UNIVERSIDAD DE OVIEDO

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SIEMPRE BUSCANDO FINANCIACIÓN



<http://www.elcomercio.es/asturias/banco-cerebros-persigue-20171217005225-ntvo.html>

HAY QUE BUSCAR EL TALENTO EN LOS JÓVENES



http://www.rtpa.es/asturias:--Los-estudiantes-de-Medicina-en-Asturias-podran-estudiar-Neuropatologia-_111517137147.html

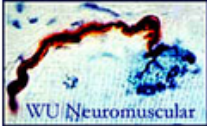
IMPRESCINDIBLE EL SOPORTE DE FINANCIACIÓN PÚBLICA



http://www.rtpa.es/asturias:El-Banco-de-Cerebros-pasara-a-formar-parte-de-Sanidad-en-febrero_111517127279.html

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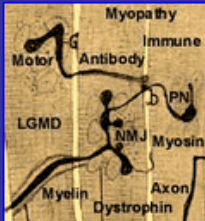
RECURSOS WEB DE INTERES EN NEUROPATOLOGÍA: WEBS



NEUROMUSCULAR DISEASE CENTER

Washington University, St. Louis, MO USA

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Neuromuscular Medicine
Accreditation
ACGME: NM Medicine
UCNS: NM Pathology
Start date: July 2019

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<http://neuromuscular.wustl.edu/>

NEUROPATHOLOGY
*An illustrated interactive course
for medical students and residents*
DIMITRI P. AGAMANOLIS, M.D.

NEUROPATHOLOGY TESTS M2 COURSE HOME

SEARCH: Google Custom Search

NEUROPATHOLOGY

The main component of this site, **Neuropathology**, is an illustrated, interactive course, designed to teach neuropathology to medical students and residents. This course was developed by **Dimitri Agamanolis, M. D.**, staff pathologist at **Akron Children's Hospital**, and professor of pathology (neuropathology) at **Northeast Ohio Medical University (NEOMED)**. The material in Neuropathology is organized in 14 chapters and includes sections about stroke, multiple sclerosis, brain tumors, Alzheimer's disease, cerebral palsy, brain malformations, and many other topics. Each chapter includes text and small illustrations which, upon clicking, reveal larger, more detailed pictures. Text and illustrations are updated from time to time by Dimitri Agamanolis.

The **Tests** consist of interactive multiple choice questions based on the material presented in Neuropathology. Some questions contain pictures. Presently, there are tests for chapters 2-Hypoxia and Stroke, 3-Perinatal Disorders, 4-Traumatic Brain Injury, 5-CNS Infections, 6-Demyelinative Diseases, 7-Brain Tumors, 8-Nutritional Disorders, 9-Neurodegenerative Disorders, 10-Metabolic disorders, 11-CNS Malformations, and 12-13-Neuromuscular disorders.

The **M2 COURSE** contains Neuropathology coursework for M2 students, including laboratories. This can be offered as part of medical school M2 Systemic Pathology curriculum and integrated with Clinical Medicine content.

The M2 Course includes videos (pocasts) of 9 lectures (Cerebral Hypoxia and Stroke, Perinatal Disorders, CNS Infections, Demyelinative Diseases, Brain Tumors, Neurodegenerative Diseases, Inherited Metabolic Disorders, Peripheral Neuropathy, and Myopathology). Podcasts of the lectures and of all lab quizzes in the M2 Course are embedded in the corresponding pages and are also available on Vimeo.

<http://neuropathology-web.org/>

Neurociencia médica

Dictado por: Universidad Duke

Contenido: este curso explora la organización funcional y la neurofisiología del sistema nervioso central humano, mientras que proporciona un marco neurobiológico para entender el comportamiento humano.

Drogas y el cerebro

Dictado por: Instituto de Tecnología de California

Contenido: perspectivas de nuevas generaciones de medicamentos en neurología, psiquiatría, envejecimiento y tratamiento del abuso de sustancias.

The addicted Brain

Dictado por: Emory University

Contenido: This is a course about addiction to drugs and other behaviors. It will describe what happens in the brain and how this information helps us deal with and overcome addiction. It will also discuss other topics such as government policy and our vulnerability to take drugs.

El abordaje multidisciplinar en las demencias

Dictado por: Universidad de Cantabria

Contenido: Las Unidades de Deterioro Cognitivo están integradas por profesionales de la salud de diversas disciplinas que trabajan de forma coordinada para dar una atención integral a los pacientes y sus familias. Estas Unidades son el eje para la detección precoz, el tratamiento y la rehabilitación, donde el tandem cuidador- paciente es la unidad de intervención.

Ética en la investigación universitaria

Dictado por: Universidad del País Vasco

Contenido: Normas y reglas de la investigación científica

RECURSOS WEB DE INTERES EN NEUROPATOLOGÍA: APPS

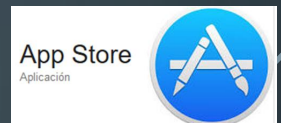
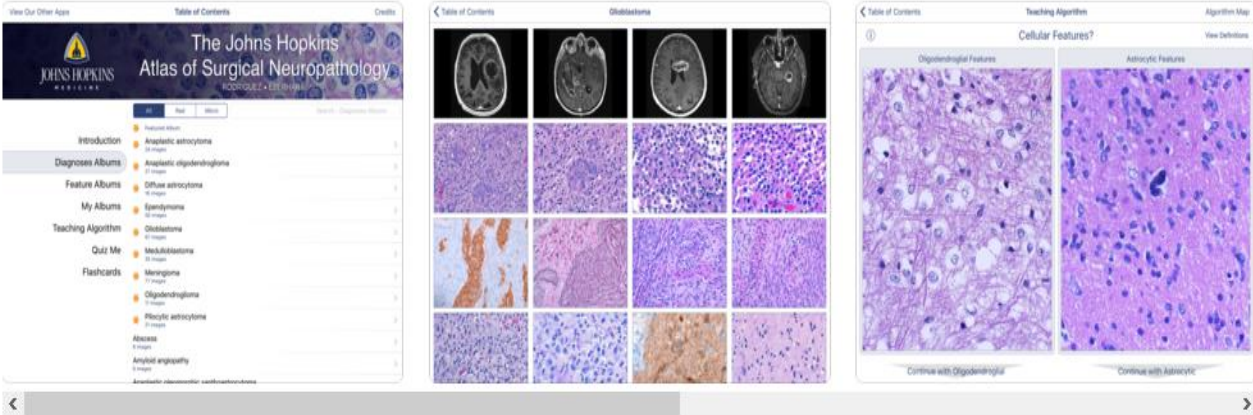
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Johns Hopkins Mobile medicine

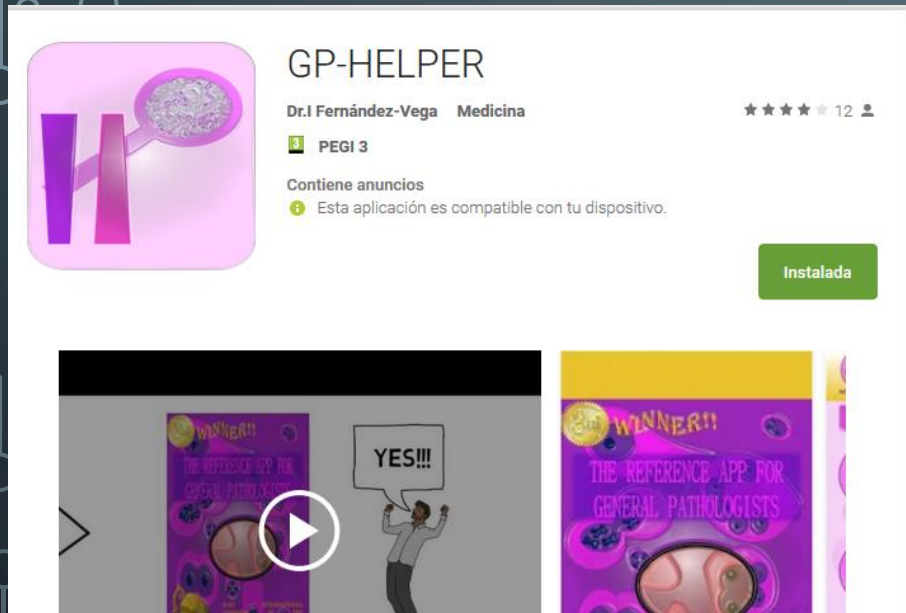
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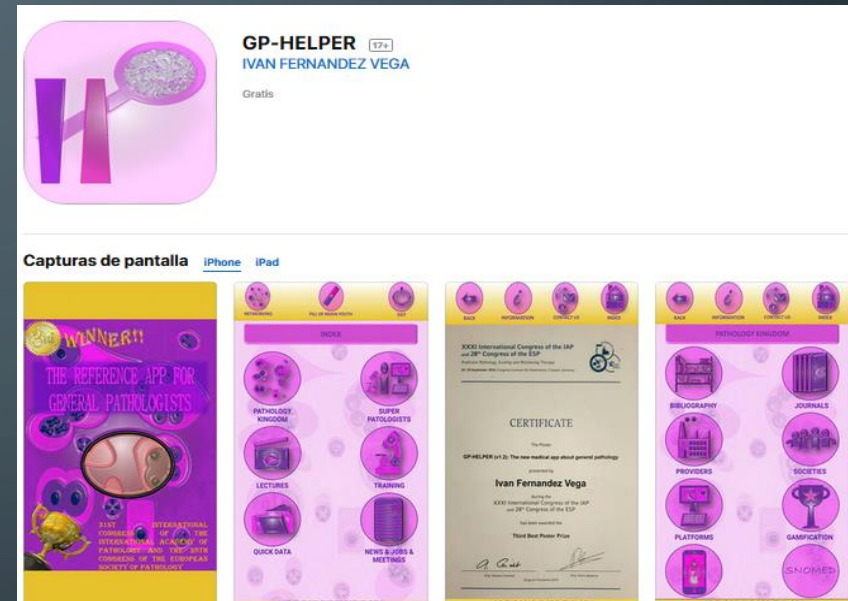
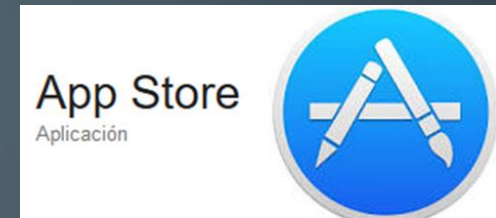


<https://itunes.apple.com/us/app/johns-hopkins-atlas-of-surgical-neuropathology/id1210848613?mt=8>

RECURSOS WEB DE INTERES EN NEUROPATOLOGÍA: APPS



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<https://itunes.apple.com/es/app/gp-helper/id1063335727?mt=8>

SOCIEDADES CIENTÍFICAS



THE INTERNATIONAL SOCIETY OF NEUROPATHOLOGY



Search for: Search

- Home
- Society News
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- Publications ▶
- Cases of the Month
- Membership
- Links to other Societies

Society News

View a compiled list of information and announcements from National Neuropathology Societies and a schedule of upcoming events.

cIMPACT-NOW

The ISN has agreed to support the Consortium to Inform Molecular and Practical Approaches to CNS Tumour taxonomy - Not Official WHO. This international initiative is led by David Louis and Andreas von Deimling and aims to provide the neuropathology community with unofficial updates on CNS tumour classification, between editions of the official WHO classification.

[Read more...](#)

XIXth International Congress of Neuropathology, Tokyo, 23-27 September 2018

The next congress will be hosted by the Japanese Society of Neuropathology with the theme 'a gateway to modern neuroscience'. The congress will be held at the central Keio Plaza Hotel in Tokyo, close to Shinjuku Station, and promises to be an exciting programme covering all important areas of neuropathology. The meeting will be held in conjunction with the Asian Congress of Neuropathology and the Japanese Societies of Neuropathology and Brain Tumour Pathology. A short promotional video is [available](#) and the programme will appear [shortly](#).

About the ISN

View the mission statement and constitution of the Society. Also, contact details of the Society officers and councillors, and learn about the history and goals of the Society.

Cases of the Month

Every issue of Brain Pathology features a selection of Cases of the Month - these are cases that are of greater than normal clinical interest, have unusual symptoms and/or diagnostic findings, or involve rare diseases or conditions. They are collected and edited by Ronald L Hamilton, MD, Department of Pathology at the University of Pittsburgh and the full version of the cases can be found [here](#).

Membership

The International Society welcomes membership of any person (pathologist, clinician, scientist, veterinarian) who has a significant interest in Neuropathology. There is both corporate membership and individual membership. Find out more [here](#).

A GATEWAY TO MODERN NEUROSCIENCE

ICN2018 TOKYO

19th International Congress of Neuropathology
59th Annual Meeting of the Japanese Society of Neuropathology
 36th Annual Meeting of the Japan Society of Brain Tumor Pathology

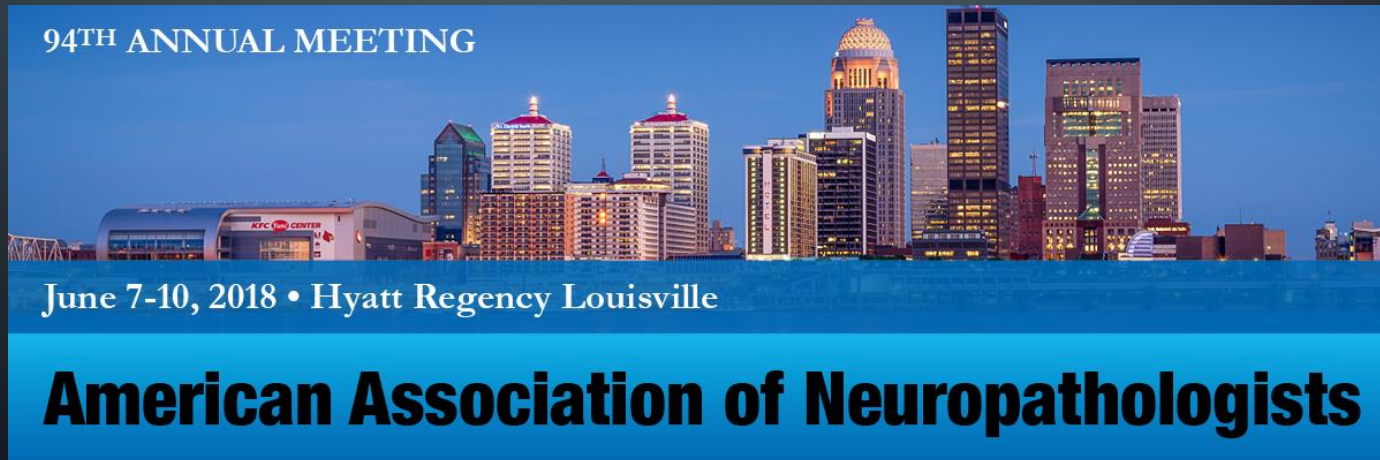
**September
 23(Sun) - 27(Thu), 2018**

Venue : Keio Plaza Hotel Tokyo, Japan

<http://icn2018.umin.jp/>

Secretariat : c/o Convex Inc.
 kn2018@convex.co.jp

<http://www.intsocneuropathol.com/>



<http://www.neuropath.org/>



The screenshot shows the Euro-CNS website with a blue header. The Euro-CNS logo is in the top left. The navigation menu includes 'Home', 'About us', 'Events', 'National Societies', 'Journal', 'Exam/EFN', 'Fellowship program', 'Other activities', 'Job posts', and 'Contact'. The 'Exam/EFN' and 'Fellowship program' links are highlighted with a green box. The 'News' section features a green 'VACANCIES' sign graphic. Below it, a news item from France mentions a neuromuscular pathologist position. Another news item mentions new European fellows in neuropathology. A 'Euro-CNS Courses' section is also highlighted with a green box, listing a basic course in neuropathology in Aachen, Germany, with an announcement date of 12/12/2017.

Euro-CNS

Home About us Events National Societies Journal **Exam/EFN** **Fellowship program** Other activities Job posts Contact

News

VACANCIES

FRANCE: Neuromuscular Pathologist, Creteil, Paris region
The Henri Mondor Neuromuscular Reference Center is recruiting a neuromuscular pathologist. The proposed position is a full-time job with both diagnostic and academic (research / teaching) activity. Diagnostic activity focuses on adult and pediatric neuromuscular pathology (nerve and muscle biopsies, electronic microscopy, skin biopsy for intraepidermal nerve fiber investigations) and on amyloidosis diagnosis. For details please visit our '[job posts](#)' section on this website.

New European Fellows in Neuropathology: The Examination Committee and Executive Committee of Euro-CNS are happy to announce that the following three candidates successfully passed the European Board Examination that was held from 4-5 November 2017 : Drs. Se Hoon Kim (South Korea), Stefanie Brendecke (Norway) and Simin Laiq (Oman). The EFN examination constitutes an assessment of candidates' knowledge of diagnostic neuropathology and their ability to apply that knowledge in the clinical practice. For detailed information, please [click here](#).

Euro-CNS Courses

Euro-CNS Basic Course in Neuropathology
13-16 March 2018, Aachen, Germany

Announcement 12/12/2017: This course is fully booked. Please inquire about the waiting list with the [Course Administrator](#). The (updated) basic course is intended for trainees in general pathology, neuropathology, neurology or neurosurgery but also for neurobiologists and PhD students in neurology sciences. Specifically for those who, in the course of their PhD research, will be involved with the neuropathology of, for example, neurodegenerative diseases, developmental diseases, brain tumors or white matter diseases. The program consists of



The banner features a blue wireframe brain on the left. On the right, the text reads '12th European Congress of Neuropathology' in large blue letters. Below this, it says '3-6 June 2020, Odense, Denmark'. Logos for the Scandinavian Neuropathological Society and Euro-CNS are at the bottom.

12th European Congress of Neuropathology

3-6 June 2020, Odense, Denmark

Scandinavian Neuropathological Society Euro-CNS

• <http://www.euro-cns.org/>

**BNS**
British Neuropathological Society

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British Neuropathological Society

Welcome to the British Neuropathological Society website. The BNS celebrates its 68th anniversary in 2018 and continues to provide a friendly and active forum for both clinical and experimental neuropathology. Our membership is not geographically restricted and we welcome members from all continents. Through our regular meetings, the Journal, and educational activities we are bringing people together to understand diseases of the nervous system. **Paul Ince (President)**

Website Update

The BNS has had a review of its IT needs and later in 2018 is moving to use of a commercial platform for its website and related support for members. This website is not being updated during the transition period.

For those with a nostalgic leaning, have a look at the [Internet Archive](#) for how things started

Training update

Please note information about [Training in Diagnostic neuropathology and information on Training Centres](#)

Updates

- [UK Neuropathology departments](#)
- [Next Meeting](#)
- [Training in Diagnostic Neuropathology](#)
- [Neuropathology as a specialty in the UK](#)

Scientific Meeting

Details of the the Annual Scientific Meeting of

**BNS**
British Neuropathological Society

119th Meeting of the British Neuropathological Society

Institute of Child Health, London

The next Winter Meeting of the Society will be held on **28th February** and **1-2nd March 2018** at the Institute of Child Health, in London that provides excellent facilities and a convenient central location.

<http://www.bns.org.uk/>



BRAINnet

Brain Research And Integrative Neuroscience Network

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[Home](#) > About BRAINnet

About BRAINnet

The goal of BRAINnet is to expand our knowledge on what constitutes healthy development of the brain across all ages and what goes awry when brain disorders occur. To accomplish this goal BRAINnet has formed a global consortium of investigators, and provides them with access to multiple types of data acquired from the same individuals. The immediate goal of access to each set of data is to write a specific paper for peer-reviewed publication. The topic of this paper is approved by the BRAINnet membership working in the same or related areas.

BRAINnet was established in 2003 as a global linkage of scientists, based in five founding sites. Since 2003, the member network has grown substantially. Publication output has reached an average of one paper per week, with many published in leading scientific journals such as *Molecular Psychiatry*, *Journal of Neuroscience*, *Neuropsychopharmacology*, *American Journal of Psychiatry* and *Biological Psychiatry*.

BRAINnet Foundation was set up in 2011 as a result of the global growth in membership and outcomes and the need to fully understand the brain. The goal of the BRAINnet Foundation is to accommodate the growth of BRAINnet as a transparent and independent network that facilitates scientific outcomes and their benefits to the wider community. The BRAINnet Foundation is an independent, non-profit entity providing the stewardship and governance of BRAINnet operating via this website.



<http://www.brainnet.net/about/>

SEAP-IAP Sociedad Española de Anatomía Patológica

División española de la International Academy of Pathology

INICIO LA SEAP CURSOS Y CONGRESOS FORMACIÓN PUBLICACIONES PACIENTES EMPLEO

La SEAP / Clubes / Neuropatología /

Club de Neuropatología

Coordinador del Club de Neuropatología:

Miguel Ángel Idoate (maidoate@unav.es)

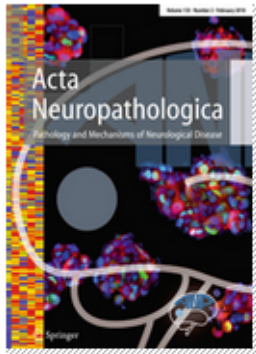
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<https://www.seap.es//>

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Acta Neuropathologica

Pathology and Mechanisms of Neurological Disease

Editor-in-Chief: Werner Paulus

ISSN: 0001-6322 (print version)

ISSN: 1432-0533 (electronic version)

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BRAIN PATHOLOGY



Brain Pathology

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Impact Factor: 6.624

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Online ISSN: 1750-3639

SEARCH

In this journal

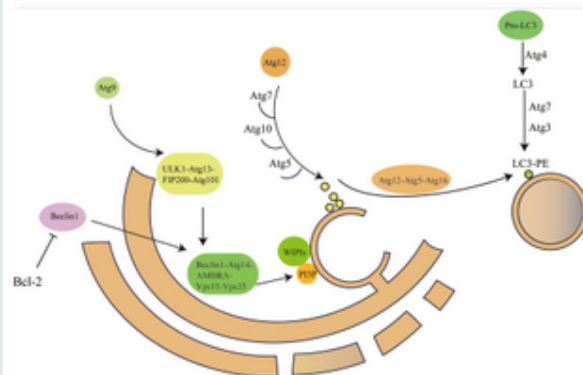
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The Official Journal of the International Society of Neuropathology



AUTOPHAGY

Autophagy in neurodegenerative diseases: pathogenesis and therapy



Autophagy induction and autophagosome formation. This diagram shows the process of autophagy induction and roles of Atg related proteins in autophagosome formation.

[Abstract](#) | [Full Article \(HTML\)](#) | [PDF](#)



[http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1750-3639](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1750-3639)

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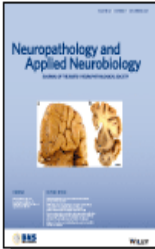
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Neuropathology and Applied Neurobiology

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Edited By: Prof Janice Holton
Impact Factor: 5.347
ISI Journal Citation Reports © Ranking: 2016: 8/79 (Pathology); 22/194 (Clinical Neurology); 35/259 (Neurosciences)
Online ISSN: 1365-2990

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October 2017
Volume 43, Issue 6

August 2017
Volume 43, Issue 5

June 2017
Volume 43, Issue 4

April 2017
Volume 43, Issue 3

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Neuropathology and Applied Neurobiology is pleased to announce its new Impact Factor is 5.347!

2017 Release of Journal Citation Reports®. Source: Thomson Reuters 2016 Citation Data

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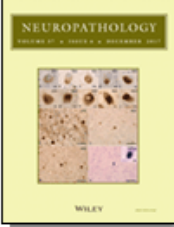
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NEUROPATHOLOGY

Neuropathology

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Edited By: Noriyuki Shibata
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“NEUROPATÓLOGO EXCÉNTRICO”

“NEUROPATÓLOGO EXCÉNTRICO”

DR. ARIE PERRY: EEUU

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Arie Perry, MD

Professor of Pathology and Neurological Surgery; Director of Neuropathology; Director of Neuropathology Fellowship Training Program
Pathology
Neuropathology



Research and Clinical Interests

My clinical interests focus most heavily on surgical neuropathology, especially in terms of its application towards neuro-oncology. As a diagnostic neuropathologist with a focus on CNS tumors, I am primarily involved in translational research with the primary goal of developing new diagnostic and prognostic markers, which can be utilized in the clinical management of brain tumor patients. In order to achieve this goal, my lab has applied immunohistochemical, molecular cytogenetic, and genomic screening techniques primarily towards the study of gliomas, meningiomas, and primitive pediatric malignancies. I have been particularly interested in improved classification and grading schemes as well as the identification of molecular genetic markers associated with tumorigenesis, malignant progression, and/or biologic behavior. I collaborate with a number of clinical and scientific researchers both within and outside UCSF and it is our hope that the markers we identify will improve patient management and lead to the development of novel

Specialty Area
Surgical Neuropathology

Contact Information
See [UCSF Directory](#)

Mailing/Shipping Address:
UCSF
Arie Perry, MD
Pathology, Box 0102
505 Parnassus Avenue, Room M-551
San Francisco, CA 94143

<http://www.neuropathsongs.com/samples-1.htm>

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DR. ARIE PERRY: EEUU

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Surriento

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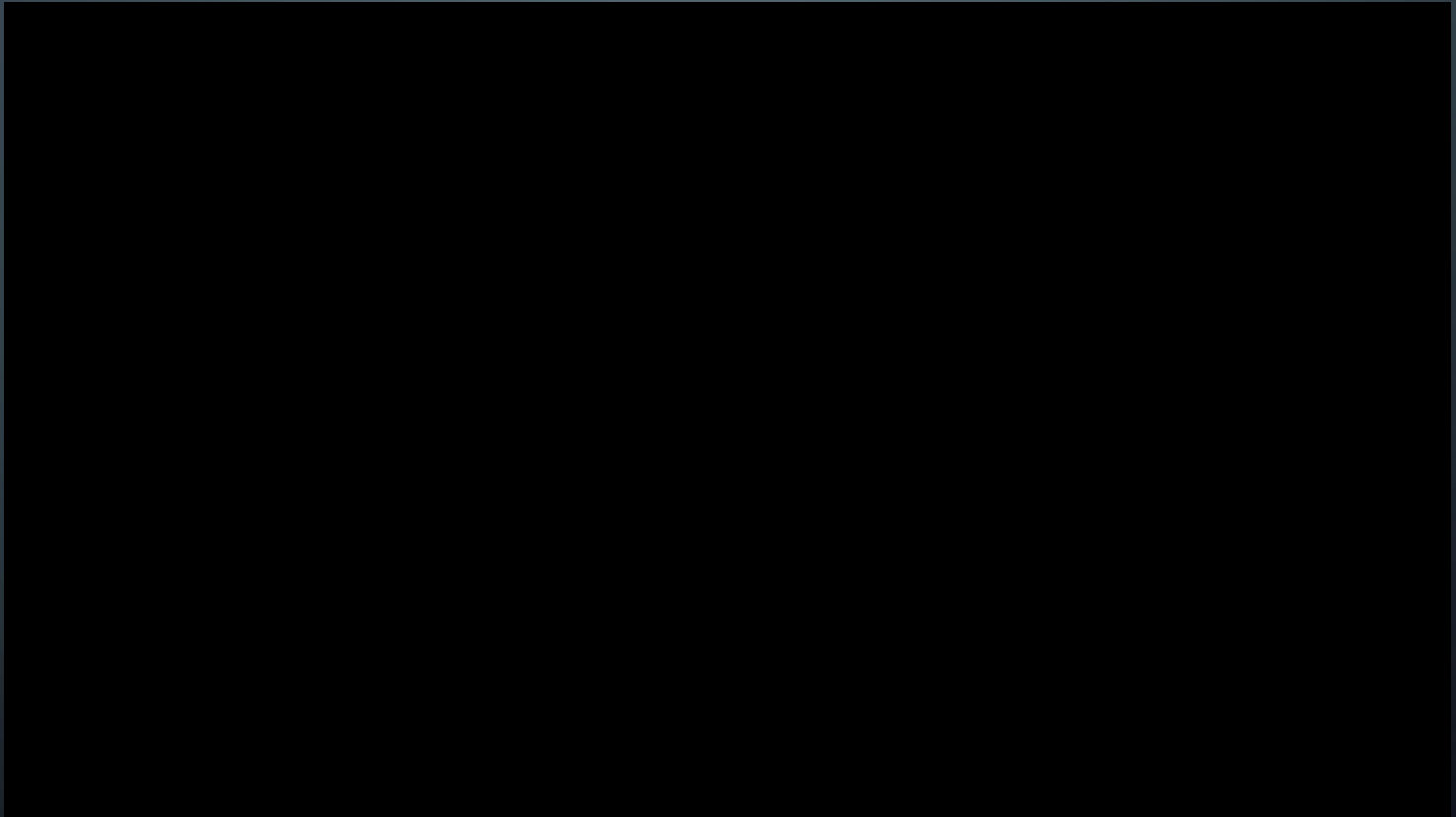
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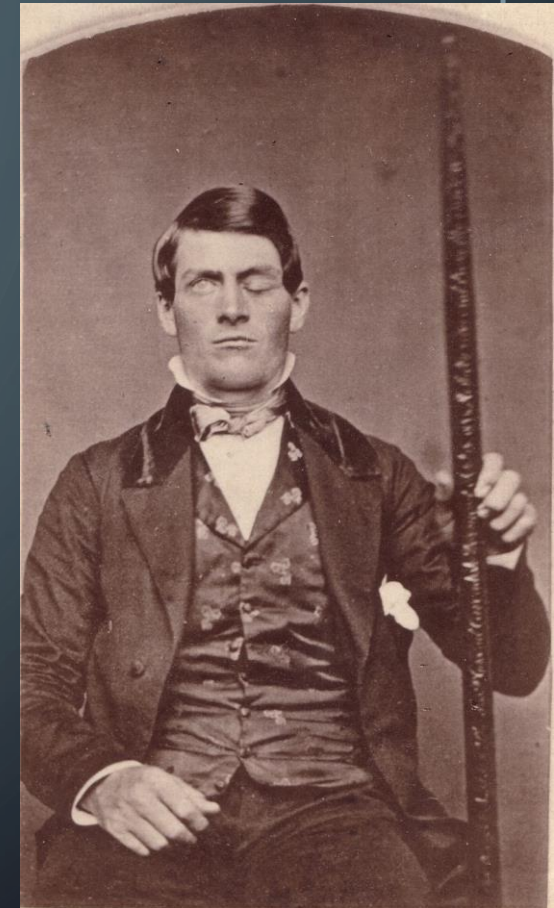
DR. ARIE PERRY: EEUU



<https://www.youtube.com/watch?v=-4ObEGVzeHs>

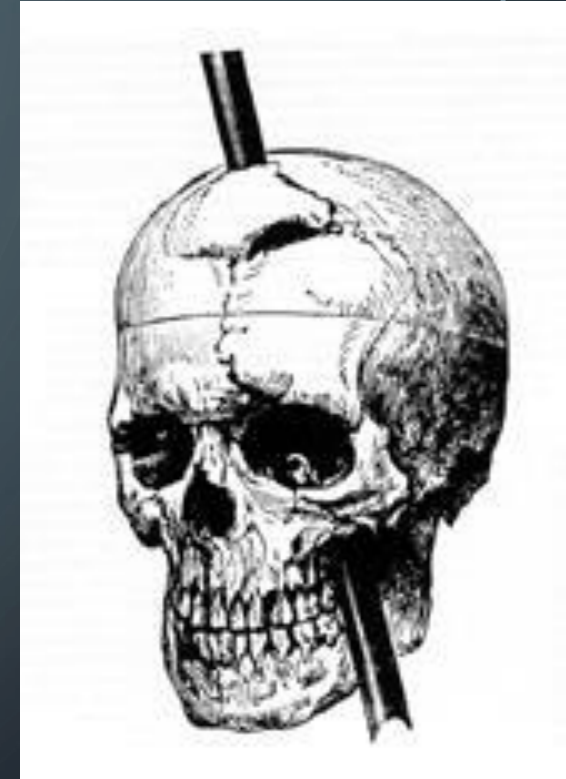
DESDE PHINEAS GAGE HASTA LOS PREMIOS NOBEL EN NEUROCIENCIAS

- Phineas P. Gage (1823 - 21 de mayo de 1861):
- Obrero estadounidense de ferrocarriles
- Sufrió un accidente (13 de septiembre de 1848) con daños severos en el cerebro específicamente en parte del lóbulo frontal.
- Desarrolló cambios notorios en su personalidad y temperamento, lo que se consideró prueba de que los lóbulos frontales eran los encargados de procesos relacionados con las emociones, la personalidad y las funciones ejecutivas en general.



LA BARRA HABÍA AFECTADO LA ZONA MEDIAL DE AMBOS LÓBULOS FRONTALES.

- Considerado como una de las primeras pruebas científicas que sugerían que una lesión del lóbulo frontal podía alterar aspectos de la personalidad, la emoción y la interacción social. (los lóbulos frontales se consideraban estructuras sin función).
- Fue el comienzo del estudio de la base biológica del comportamiento.
- El caso de Gage también es un pilar básico en el concepto de funciones ejecutivas (la capacidad para planificar, llevar a cabo y corregir nuestra conducta)



LA BARRA HABÍA AFECTADO LA ZONA MEDIAL DE AMBOS LÓBULOS FRONTALES.

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1906

C.Golgi y **S. Ramón y Cajal** (Italia/España) por las investigaciones en la estructura del sistema nervioso.

1932

C.S. Sherrington y E.D. Adrian (Reino Unido) por las investigaciones sobre la función de las neuronas.

1949

A. Egas Moniz y W.R. Hess (Portugal/Suiza) por las investigaciones en leucotomía de ciertas psicosis e investigaciones sobre el hipotálamo

1961

G. Von Bekesy (Estados Unidos) por las investigaciones en la función de la cóclea.

1963

A.F. Huxley, A.L. Hodgkin y J.C. Eccles (Reino Unido/Australia) por las investigaciones en los mecanismos iónicos de las membranas de las células nerviosas.

1967

R.A.Granit, H.K. Hartline y G. Wald (Suecia/Estados Unidos) por la investigación en mecanismos de la visión.

DESDE PHINEAS GAGE HASTA LOS PREMIOS NOBEL EN NEUROCIENCIAS

1970

B. Katz, U. von Euler y J. Axelrod (Reino Unido/Suecia/Estados Unidos) por las investigaciones sobre los transmisores humorales y la liberación de transmisores en las terminales nerviosas.

1977

A. Schally, R. Guillemin y R.S. Yalow (Estados Unidos) por las investigaciones sobre la producción de peptidos en el cerebro.

1979

A.M. Cormack y Sir G. N. Hounsfield (Estados Unidos/Reino Unido) por la invención de la tomografía computarizada.

1981

D.H. Hubel, T.N. Wiesel y R.W. Sperry (Estados Unidos/Suecia) por las investigaciones sobre el procesamiento de información del sistema visual y las funciones del hemisferio izquierdo y derecho del cerebro.

1986

S. Cohen y R.L. Montalcini (Estados Unidos/Italia) por las investigaciones en el control del crecimiento de las células nerviosas.

1991

E Neher y B. Sakmann (Alemania) por las investigaciones en la función de los canales iónicos en las células.

DESDE PHINEAS GAGE HASTA LOS PREMIOS NOBEL EN NEUROCIENCIAS

1997

Stanley B. Prusiner (Estados Unidos) por el descubrimiento de los priones.

2000

A. Carlsson, P. Greengard y E. Kandel (Suiza/Estados Unidos) por la investigación en traducción de señales en el sistema nervioso.

2003

P.C. Lauterbur y Sir P. Mansfield (Estados Unidos/Reino Unido) por los descubrimientos relacionados a las imágenes por resonancia magnética.

2004

L.Buck y R. Axel (Estados Unidos) por el descubrimiento de los receptores del olfato y la organización del sistema olfatorio.

2014

El matrimonio May Britt Moser y Edvard I. Moser (Noruega) y John O'Keefe (EEUU) por el descubrimiento del “GPS del cerebro”, el hipocampo (afectado en la E. de Alzheimer)

2017

Michael W. Young, Michael Rosbash, Jeffrey C. Hall (EEUU). Por el descubrimiento de los mecanismos moleculares que controlan el ritmo circadiano

