



Nuevos estudios e información de interés relacionado con la discapacidad.

Recopilación de nuevas investigaciones, publicaciones y avances
sobre la **Esclerosis múltiple y otras enfermedades autoinmunes.**

- [Sunlight exposure exerts immunomodulatory effects to reduce multiple sclerosis severity.](#)

Patrick Ostkamp, Anke Salmen, Béatrice Pignolet, Dennis Görlich, Till F. M. Andlauer, Andreas Schulte-Mecklenbeck, Gabriel Gonzalez-Escamilla, Florence Bucciarelli, Isabelle Gennero, Johanna Breuer, Gisela Antony, Tilman Schneider-Hohendorf, Nadine Mykicky, Antonios Bayas, Florian Then Bergh, Stefan Bittner, Hans-Peter Hartung, Manuel A. Friese, Ralf A. Linker, Felix Luessi, Klaus Lehmann-Horn, Mark Mühlau, Friedemann Paul, Martin Stangel, Björn Tackenberg, Hayrettin Tumani, Clemens Warnke, Frank Weber, Brigitte Wildemann, Uwe K. Zettl, Ulf Ziemann, Bertram Müller-Myhsok, Tania Kümpfel, Luisa Klotz, Sven G. Meuth, Frauke Zipp, Bernhard Hemmer, Reinhard Hohlfeld, David Brassat, Ralf Gold, Catharina C. Gross, Carsten Lukas, Sergiu Groppa, Karin Loser, Heinz Wiendl, Nicholas Schwab, and on behalf of the German Competence Network Multiple Sclerosis (KKNMS), and the BIONAT

Artículo de [PNAS \(Proceedings of the National Academy of Sciences of the United States of America\).](#)

- [Regulatory T Cells in Multiple Sclerosis.](#)

Joan M. Goverman, Ph.D.

Artículo de la revista [The New England Journal of Medicine.](#)

- [Helminth Imprinting of Hematopoietic Stem Cells Sustains Anti-Inflammatory Trained Innate Immunity That Attenuates Autoimmune Disease.](#)

Kyle T. Cunningham, Conor M. Finlay and Kingston H. G. Mills

Artículo de la revista [The Journal of Immunology.](#)

- [Paediatric multiple sclerosis and antibody-associated demyelination: clinical, imaging, and biological considerations for diagnosis and care](#)

Giulia Fadda, MD, Thais Armangue, MD, Yael Hacohen, MD, Prof Tanuja Chitnis, MD, Prof Brenda Banwell, MD

Artículo de la revista [The Lancet](#)

- [N-acetylglucosamine drives myelination by triggering oligodendrocyte precursor cell differentiation.](#)
Michael Sy, Alexander U. Brandt, Sung-Uk Lee, Friedemann Paul, James W. Dennis, Michael Demetriou.
Artículo de la revista [JBC Journal of Biological Chemistry](#).
- [Measuring Aqueduct of Sylvius Cerebrospinal Fluid Flow in Multiple Sclerosis Using Different Software.](#)
Maria Marcella Laganà, Dejan Jakimovski, Niels Bergsland, Michael G. Dwyer, Francesca Baglio and Robert Zivadinov.
Artículo de la revista [MDPI](#)
- [Diagnosis and Treatment of Multiple Sclerosis: A Review](#)
Marisa P McGinley, Carolyn H Goldschmidt, Alexander D Rae-Grant.
Artículo de la revista [PubMed.gov](#)

Recopilación de nuevas investigaciones, publicaciones y avances sobre la **Discapacidad**.

- [Cigarette smoke induces miR-132 in Th17 cells that enhance osteoclastogenesis in inflammatory arthritis.](#)
Paula B. Donate, Kalil Alves de Lima, Raphael S. Peres, Fausto Almeida, Sandra Y. Fukada, Tarcilia A. Silva, Daniele C. Nascimento, Nerry T. Cecilio, Jhimmy Talbot, Rene D. Oliveira, Geraldo A. Passos, José Carlos Alves-Filho, Thiago M. Cunha, Paulo Louzada-Junior, Foo Y. Liew, and Fernando Q. Cunha.
Artículo de [PNAS \(Proceedings of the National Academy of Sciences of the United States of America\)](#).
- [A steroid receptor coactivator stimulator \(MCB-613\) attenuates adverse remodeling after myocardial infarction.](#)
Lisa K. Mullany, Aarti D. Rohira, John P. Leach, Jong H. Kim, Tanner O. Monroe, Andrea R. Ortiz, Brittany Stork, M. Waleed Gaber, Poonam Sarkar, Andrew G. Sikora, Todd K. Rosengart, Brian York, Yongcheng Song, Clifford C. Dacso, David M. Lonard, James F. Martin, and Bert W. O'Malley.
Artículo de [PNAS \(Proceedings of the National Academy of Sciences of the United States of America\)](#).
- [Developmental synaptic regulator, TWEAK/Fn14 signaling, is a determinant of synaptic function in models of stroke and neurodegeneration.](#)
Dávid Nagy, Katelin A. Ennis, Ru Wei, Susan C. Su, Christopher A. Hinckley, Rong-Fang Gu, Benbo Gao, Ramiro H. Massol, Chris Ehrenfels,

Luke Jandreski, Ankur M. Thomas, Ashley Nelson, Stefka Gyoneva, Mihály Hajós, and Linda C. Burkly.

Artículo de [PNAS \(Proceedings of the National Academy of Sciences of the United States of America\)](#).

- **[Spinal Cord Anatomy and Localization.](#)**
Todd A. Hardy, PhD, MBBS, FRACP.
Artículo de la revista [Continuum Lifelong learning in Neurology.](#)
- **[The influence of timing of surgical decompression for acute spinal cord injury: a pooled analysis of individual patient data.](#)**
Jetan H Badhiwala, MD, Jefferson R Wilson, MD, Christopher D Witiw, MD, Prof James S Harrop, MD, Prof Alexander R Vaccaro, MD, Prof Bizhan Aarabi, MD et al.
Artículo de la revista [The Lancet](#)

Recopilación de nuevas investigaciones, publicaciones y avances sobre la **Enfermedad de Huntington.**

- **[PIAS1 modulates striatal transcription, DNA damage repair, and SUMOylation with relevance to Huntington's disease.](#)**
Eva L. Morozko, Charlene Smith-Geater, Alejandro Mas Monteys, Subrata Pradhan, Ryan G. Lim, Peter Langfelder, Marketta Kachemov, Austin Hill, Jennifer T. Stocksdales, Pieter R. Cullis, Jie Wu, Joseph Ochaba, Ricardo Miramontes, Anirban Chakraborty, Tapas K. Hazra, Alice Lau, Sophie St-cyr, Iliana Orellana, Lexi Kopan, Keona Q. Wang, Sylvia Yeung, Blair R. Leavitt, Jack C. Reidling, X. William Yang, Joan S. Steffan, Beverly L. Davidson, Partha S. Sarkar, and Leslie M. Thompson.
Artículo de [PNAS \(Proceedings of the National Academy of Sciences of the United States of America\)](#)

Recopilación de nuevas investigaciones, publicaciones y avances sobre la **Enfermedad de Parkinson.**

- **[A link between synaptic plasticity and reorganization of brain activity in Parkinson's disease.](#)**
Diliana Rebelo, Francisco Oliveira, Antero Abrunhosa, Cristina Januário, João Lemos, and Miguel Castelo-Branco.
Artículo de [PNAS \(Proceedings of the National Academy of Sciences of the United States of America\)](#)
- **[Real-world assessment of the impact of "OFF" episodes on health-related quality of life among patients with Parkinson's disease in the United States.](#)**
Andrew Thach, Eddie Jones, Eric Pappert, James Pike, Jack Wright & Alexander Gillespie.

Artículo de la revista [BMC Neurology](#)

- [Physical activity profiles in Parkinson's disease.](#)
Philip von Rosen, Maria Hagströmer, Erika Franzén & Breiffni Leavy.
Artículo de la revista [BMC Neurology](#)
- [Characterization of Small-Molecule-Induced Changes in Parkinson's-Related Trafficking via the Nedd4 Ubiquitin Signaling Cascade](#)
A. Katherine Hatstat, Hannah D. Ahrendt, Matthew W. Foster, M. Arthur Moseley, S. Walter Englander, Dewey G. McCafferty.
Artículo de la revista [Cell Chemical Biology](#).
- [Targeting mitophagy in Parkinson's disease](#)
Emily H. Clark, Aurelio Vázquez de la Torre, Tamaki Hoshikawa, Thomas Bristo.
Artículo de la revista [JBC Journal of Biological Chemistry](#).

Recopilación de nuevas investigaciones, publicaciones y avances sobre la **Ataxia de Friedreich**

- [Replication-independent instability of Friedreich's ataxia GAA repeats during chronological aging.](#)
Alexander J. Neil, Julia A. Hisey, Ishtiaque Quasem, Ryan J. McGinty, Marcin Hitczenko, Alexandra N. Khristich, and Sergei M. Mirkin.
Artículo de [PNAS \(Proceedings of the National Academy of Sciences of the United States of America\)](#).
- [Inhibition of the SUV4-20 H1 histone methyltransferase increases frataxin expression in Friedreich's ataxia patient cells.](#)
Gabriela Vilema-Enríquez, Robert Quinlan, Peter Kilfeather, Andrea H. Németh, Paul E. Brennan, Richard Wade-Martins.
Artículo de [JBC \(Journal of Biological Chemistry\)](#).

Recopilación de nuevas investigaciones, publicaciones y avances sobre la **Sarcoidosis**.

- [Association of proangiogenic and profibrotic serum markers with lung function and quality of life in sarcoidosis.](#)
L Biener, J Kruse, I Tuleta, C Pizarro, M Kreuter, S S Birring, G Nickenig, D Skowasch.
Artículo de [Plos One](#).