



Nuevos estudios e información de interés relacionado con la discapacidad.

Septiembre 2021.

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

- [Cognitive Fatigue Predicts Cognitive Failure in Multiple Sclerosis Patients and Healthy Controls: A Case-Control Study.](#)
Nora Spiegelberg, Svenja Breuer, Jörn Nielsen, Jochen Saliger, Christian Montag, Hans Karbe, Sebastian Markett.
Artículo de la revista [Archives of Clinical Neurophysiology.](#)
- [Wearable inertial sensors are highly sensitive in the detection of gait disturbances and fatigue at early stages of multiple sclerosis.](#)
Roy Müller, Daniel Hamacher, Sascha Hansen, Patrick Oschmann & Philipp M. Keune.
Artículo de la revista [BMC Neurology](#)
- [Hospital-diagnosed infections before age 20 and risk of a subsequent multiple sclerosis diagnosis.](#)
Yin Xu, Kelsi A Smith, Ayako Hiyoshi, Fredrik Piehl, Tomas Olsson, Scott Montgomery.
Artículo de la revista [Brain.](#)
- [CSF-resident CD4+ T-cells display a distinct gene expression profile with relevance to immune surveillance and multiple sclerosis.](#)
James Hrastelj, Robert Andrews, Samantha Loveless, Joanne Morgan, Stefan Mark Bishop, Nicholas J Bray, Nigel M Williams, Neil P Robertson.
Artículo de la revista [Brains Communications](#)
- [Cortical and phase rim lesions on 7 T MRI as markers of multiple sclerosis disease progression.](#)
Constantina A Treaba, Allegra Conti, Eric C Klawiter, Valeria T Barletta, Elena Herranz, Ambica Mehndiratta, Andrew W Russo, Jacob A Sloane, Revere P Kinkel, Nicola Toschi, Caterina Mainero.
Artículo de la revista [Brains Communications](#)
- [King, R., Atlas EM. 1ª Parte: Mapa mundial de esclerosis múltiple: las conclusiones epidemiológicas más importantes. 3ª edición. Londres, Federación Internacional de Esclerosis Múltiple, 2020. CEDD](#)



- [Cerebrospinal fluid levels of L-glutamate signal central inflammatory neurodegeneration in multiple sclerosis.](#)
Mario Stampanoni Bassi, Tommaso Nuzzo, Luana Gilio, Mattia Miroballo, Alessia Casamassa, Fabio Buttari, Paolo Bellantonio, Roberta Fantozzi, Giovanni Galifi, Roberto Furlan, Annamaria Finardi, Arianna De Rosa, Anna Di Maio, Francesco Errico, Diego Centonze, Alessandro Usiello.
Artículo de la revista [Journal of Neurochemistry](#)
- [Developing a Digital Solution for Remote Assessment in Multiple Sclerosis: From Concept to Software as a Medical Device.](#)
Anneke van der Walt, Helmut Butzkueven, Robert K. Shin, Luciana Midaglia, Luca Capezzuto, Michael Lindemann, Geraint Davies, Lesley M. Butler, Cristina Costantino and Xavier Montalban.
Artículo de la revista [MDPI](#)
- [A Mobile App for Measuring Real Time Fatigue in Patients with Multiple Sclerosis: Introducing the Fimo Health App](#)
Jana Mäcken, Marie Wiegand, Mathias Müller, Alexander Krawinkel and Michael Linnebank.
Artículo de la revista [MDPI](#)
- [Secondary Impacts of COVID-19 Pandemic in Fatigue, Self-Compassion, Physical and Mental Health of People with Multiple Sclerosis and Caregivers: The Teruel Study.](#)
Lydia Giménez-Llort, Juan José Martín-González and Sara Maurel.
Artículo de la revista [MDPI](#)
- [The Effect of Cannabis-Based Medicine on Neuropathic Pain and Spasticity in Patients with Multiple Sclerosis and Spinal Cord Injury: Study Protocol of a National Multicenter Double-Blinded, Placebo-Controlled Trial](#)
Julie Schjødtz Hansen, Rikke Middelhede Hansen, Thor Petersen, Stefan Gustavsen, Annette Bang Oturai, Finn Sellebjerg, Eva Aggerholm Sædder, Helge Kasch, Peter Vestergaard Rasmussen, Nanna Brix Finnerup and Kristina Bacher Svendsen.
Artículo de la revista [MDPI](#)
- [Multiple Sclerosis: Microglia, Monocytes, and Macrophage-Mediated Demyelination.](#)
John W Prineas, MD, John D E Parratt, MBBS, PhD.
Artículo de la revista [Journal of Neuropathology & Experimental Neurology.](#)
- [Investigating the shared genetic architecture between multiple sclerosis and inflammatory bowel diseases.](#)



Yuanhao Yang, Hannah Musco, Steve Simpson-Yap, Zhihong Zhu, Ying Wang, Xin Lin, Jiawei Zhang, Bruce Taylor, Jacob Gratten & Yuan Zhou.
Artículo de la revista [Nature Communications](#)

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

- [Assessment of Activities of Daily Living, Self-Care, and Independence.](#)
Michelle E. Mlinac, Michelle C. Feng.
Artículo de la revista [Archives of Clinical Neurophysiology](#).
- [Investigating the Effect of Fatigue and Psychological Distress on Information Processing Speed in the Postacute Period After Mild Traumatic Brain Injury in Premorbidly Healthy Adults.](#)
Jacqueline F I Anderson, Emily Cockle.
Artículo de la revista [Archives of Clinical Neurophysiology](#).
- [IL6 trans-signaling associates with ischemic stroke but not with atrial fibrillation.](#)
Louise Ziegler, Håkan Wallén, Sara Aspberg, Ulf de Faire & Bruna Gigante.
Artículo de la revista [BMC Neurology](#)
- [Effects of low-frequency repetitive transcranial magnetic stimulation combined with cerebellar continuous theta burst stimulation on spasticity and limb dyskinesia in patients with stroke.](#)
Dawei Li, Aixia Cheng, Zhiyou Zhang, Yuqian Sun & Yingchun Liu.
Artículo de la revista [BMC Neurology](#)
- [Influence of white matter lesions on the prognosis of acute cardioembolic stroke without reperfusion therapy.](#)
Yikun Guo, Zhuoyou Chen, Qian Wang, Min Zhang, Guanzhong Dong, Wenying Zou, Tian Yao & Yun Xu.
Artículo de la revista [BMC Neurology](#)
- [Understanding the relationship between the 32-item motor function measure and daily activities from an individual with spinal muscular atrophy and their caregivers' perspective: a two-part study.](#)
Tina Duong, Jessica Braid, Hannah Staunton, Aurelie Barriere, Fani Petridis, Johannes Reithinger, Rosangel Cruz, Jill Jarecki, Mencia De Lemus, Nicole Gusset, Ria Broekgaarden, Sharan Randhawa, Jessica Flynn, Rob Arbuckle, Sonia Reif, Lida Yang, Angela De Martini & Carole Vuillerot.
[Correction to: Understanding the relationship between the 32-item motor function measure and daily activities from an individual with spinal muscular atrophy and their caregivers' perspective: a two-part study.](#)



Tina Duong, Jessica Braid, Hannah Staunton, Aurelie Barriere, Fani Petridis, Johannes Reithinger, Rosangel Cruz, Jill Jarecki, Mencia De Lemus, Nicole Gusset, Ria Broekgaarden, Sharan Randhawa, Jessica Flynn, Rob Arbuckle, Sonia Reif, Lida Yang, Angela De Martini & Carole Vuillerot.

Artículo de la revista [BMC Neurology](#)

- [Analysis of circulating protein aggregates as a route of investigation into neurodegenerative disorders.](#)

Rocco Adiutori, Fabiola Puentes, Michael Bremang, Vittoria Lombardi, Irene Zubiri, Emanuela Leoni, Johan Aarum, Denise Sheer, Simon McArthur, Ian Pike, Andrea Malaspina.

Artículo de la revista [Brains Communications](#)

- [Capturing the psychosocial impacts of falls from the perspectives of wheelchair users with spinal cord injury through photo-elicitation.](#)

Hardeep Singh, Carol Y. Scovil, Karen Yoshida, Sarah Oosman, Anita Kaiser ORCID Icon, Susan B. Jaglal ORCID Icon & Kristin E. Musselman.

Artículo de la revista [Disability and Rehabilitation.](#)

- [Sexuality in the context of physical rehabilitation as perceived by occupational therapists.](#)

Catherine Lepage, Louis-Pierre Auger & Annie Rochette.

Artículo de la revista [Disability and Rehabilitation.](#)

- [Opportunities, experiences, and outcomes of residential immersive life skills programs for youth with disabilities.](#)

Gillian King ORCID Icon, Amy C. McPherson ORCID Icon, Shauna Kingsnorth ORCID Icon, Jan Willem Gorter ORCID Icon, Lisa Avery, Alanna Rudzik & The Ontario Independence Program Research (OIPR) Team.

Artículo de la revista [Disability and Rehabilitation.](#)

- [Feasibility and short-term effects of Activity Coach+: a physical activity intervention in hard-to-reach people with a physical disability.](#)

L. A. Krops ORCID Icon, J. H. B. Geertzen, H. L. D. Horemans, J. B. J. Bussmann, P. U. Dijkstra & R. Dekker.

Artículo de la revista [Disability and Rehabilitation.](#)

- [The metabolite GLP-1 \(9-36\) is neuroprotective and anti-inflammatory in cellular models of neurodegeneration.](#)

Yazhou Li, Elliot J. Glotfelty, Tobias Karlsson, Lowella V. Fortuno, Brandon K. Harvey, Nigel H. Greig.

Artículo de la revista [Journal of Neurochemistry](#)



Recopilación de nuevas investigaciones, publicaciones y avances sobre las **Ataxias**.

- [Motor and cognitive outcomes of cerebello-spinal stimulation in neurodegenerative ataxia.](#)
Alberto Benussi, Valentina Cantoni, Marta Manes, Ilenia Libri, Valentina Dell'Era, Abhishek Datta, Chris Thomas, Camilla Ferrari, Alessio Di Fonzo, Roberto Fancellu, Mario Grassi, Alfredo Brusco, Antonella Alberici, Barbara Borroni.
Artículo de la revista [Brain](#).
- [Combination of structural MRI, functional MRI and brain PET-CT provide more diagnostic and prognostic value in patients of cerebellar ataxia associated with anti-Tr/DNER: a case report.](#)
Sisi Shen, Wenyu Liu, Ming Zhou, Ruiyi Yang, Jinmei Li & Dong Zhou.
Artículo de la revista [BMC Neurology](#)

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

- [Impairment of the visuospatial working memory in the patients with Parkinson's Disease: an fMRI study.](#)
Shoji Kawashima, Yoko Shimizu, Yoshino Ueki & Noriyuki Matsukawa.
Artículo de la revista [BMC Neurology](#)
- [Impact of social and mobility restrictions in Parkinson's disease during COVID-19 lockdown.](#)
Raquel Luis-Martínez, Roberto Di Marco, Luca Weis, Valeria Cianci, Francesca Pistonesi, Alfonc Baba, Miryam Carecchio, Roberta Biundo, Chiara Tedesco, Stefano Masiero & Angelo Antonini.
Artículo de la revista [BMC Neurology](#)
- [Validation of quantitative gait analysis systems for Parkinson's disease for use in supervised and unsupervised environments.](#)
Sara Alberto, Sílvia Cabral, João Proença, Filipa Pona-Ferreira, Mariana Leitão, Raquel Bouça-Machado, Linda Azevedo Kauppila, António P. Veloso, Rui M. Costa, Joaquim J. Ferreira & Ricardo Matias.
Artículo de la revista [BMC Neurology](#)
- [Different resting-state network disruptions in newly diagnosed drug-naïve Parkinson's disease patients with mild cognitive impairment.](#)
Yanbing Hou, Qianqian Wei, Ruwei Ou, Lingyu Zhang, Xiaoqin Yuan, Qiyong Gong & Huifang Shang.
Artículo de la revista [BMC Neurology](#)
- [Longitudinal observational study of boxing therapy in Parkinson's disease, including adverse impacts of the COVID-19 lockdown.](#)



Craig Horbinski, Katelyn B. Zumpf, Kathleen McCortney & Dean Eoannou
Artículo de la revista [BMC Neurology](#)

- [Locus coeruleus integrity and the effect of atomoxetine on response inhibition in Parkinson's disease.](#)

Claire O'Callaghan, Frank H Hezemans, Rong Ye, Catarina Rua, P Simon Jones, Alexander G Murley, Negin Holland, Ralf Regenthal, Kamen A Tsvetanov, Noham Wolpe, Roger A Barker, Caroline H Williams-Gray, Trevor W Robbins, Luca Passamonti, James B Rowe.

Artículo de la revista [Brain](#).

- [Psychometric features of brief pain inventory for Parkinson's disease during medication states.](#)

Ghorban Taghizadeh, Pablo Martinez-Martin, Sayed Amir Hasan Habibi, Sepideh Goudarzi, Mahsa Meimandi, Arian Dehmiyani, Zahra Nodehi, Siavash Rostami, Naeeme Haji Alizadeh & Maryam Mehdizadeh.

Artículo de la revista [Disability and Rehabilitation](#).

- [Muscle activation strategies of people with early-stage Parkinson's during walking.](#)

Sana M. Keloth, Sridhar P. Arjunan, Sanjay Raghav & Dinesh Kant Kumar

Artículo de la revista [Journal of NeuroEngineering and Rehabilitation](#)

- [Electroacupuncture Alleviates Neuroinflammation and Motor Dysfunction by Regulating Intestinal Barrier Function in a Mouse Model of Parkinson Disease.](#)

Xue Ma, PhD, Qiang Wang, PhD, Wei Yuan, PhD, Yuan Wang, PhD, Feng Zhou, PhD, Kaiwen Kang, MD, Xiaopeng Tong, PhD, Zhibin Liu, PhD.

Artículo de la revista [Journal of Neuropathology & Experimental Neurology](#).

- [Neuronal Dynamics of Pain in Parkinson's Disease.](#)

Kaoru Kinugawa, Tomoo Mano and Kazuma Sugie.

Artículo de la revista [MDPI](#)

- [Reduced Effective Connectivity in the Motor Cortex in Parkinson's Disease](#)

Emanuela Formaggio, Maria Rubega, Jessica Rupil, Angelo Antonini, Stefano Masiero, Gianna Maria Toffolo and Alessandra Del Felice.

Artículo de la revista [MDPI](#)

- [Autonomic failure: a neglected presentation of Parkinson's disease.](#)

Alessandra Fanciulli, Gregor K Wenning.

Artículo de la revista [The Lancet Neurology](#).

- [Parkinson's disease outside the brain: targeting the autonomic nervous system.](#)

Prof Yehonatan Sharabi, Gad D Vatine, Avraham Ashkenazi.

Artículo de la revista [The Lancet Neurology](#).

Recopilación de nuevas investigaciones, publicaciones y avances sobre la **Esclerosis Lateral Amiotrófica (ELA)**

- [Longitudinal Changes of Tongue Thickness and Tongue Pressure in Neuromuscular Disorders.](#)

George Umemoto, Shinsuke Fujioka, Hajime Arahata, Nobutaka Sakae, Naokazu Sasagasako, Mine Toda, Hirokazu Furuya & Yoshio Tsuboi.

Artículo de la revista [BMC Neurology](#)

- [Lipidomic traits of plasma and cerebrospinal fluid in amyotrophic lateral sclerosis correlate with disease progression.](#)

Joaquim Sol, Mariona Jové, Monica Povedano, William Sproviero, Raul Domínguez, Gerard Piñol-Ripoll, Ricardo Romero-Guevara, Abdul Hye, Ammar Al-Chalabi, Pascual Torres, Pol Andres-Benito, Estela Area-Gómez, Reinald Pamplona, Isidro Ferrer, Victòria Ayala, Manuel Portero-Otín.

Artículo de la revista [Brains Communications](#)

- [Genotyping and Plasma/Cerebrospinal Fluid Profiling of a Cohort of Frontotemporal Dementia–Amyotrophic Lateral Sclerosis Patients.](#)

Mara Bourbouli, George P. Paraskevas, Mihail Rentzos, Lambros Mathioudakis, Vasiliki Zouvelou, Anastasia Bougea, Athanasios Tychalas, Vasilios K. Kimiskidis, Vasilios Constantinides, Spiros Zafeiris, Minas Tzagournissakis, Georgios Papadimas, Georgia Karadima, Georgios Koutsis, Christos Kroupis, Chrisoula Kartanou, Elisabeth Kapaki and Ioannis Zaganas.

Artículo de la revista [MDPI](#)

- [SRSF1-dependent inhibition of C9ORF72-repeat RNA nuclear export: genome-wide mechanisms for neuroprotection in amyotrophic lateral sclerosis.](#)

Lydia M. Castelli, Luisa Cutillo, Cleide Dos Santos Souza, Alvaro Sanchez-Martinez, Ilaria Granata, Ya-Hui Lin, Monika A. Myszczyńska, Paul R. Heath, Matthew R. Livesey, Ke Ning, Mimoun Azzouz, Pamela J. Shaw, Mario R. Guarracino, Alexander J. Whitworth, Laura Ferraiuolo, Marta Milo & Guillaume M. Hautbergue.

Artículo de la revista [Molecular Neurodegeneration](#)

- [Decoding distinctive features of plasma extracellular vesicles in amyotrophic lateral sclerosis.](#)

Laura Pasetto, Stefano Callegaro, Alessandro Corbelli, Fabio Fiordaliso, Deborah Ferrara, Laura Brunelli, Giovanna Sestito, Roberta Pastorelli, Elisa Bianchi, Marina Cretich, Marcella Chiari, Cristina Potrich, Cristina Moglia, Massimo Corbo, Gianni Sorarù, Christian Lunetta, Andrea Calvo,



Adriano Chiò, Gabriele Mora, Maria Pennuto, Alessandro Quattrone, Francesco Rinaldi, Vito Giuseppe D'Agostino, Manuela Basso & Valentina Bonetto.

Artículo de la revista [Molecular Neurodegeneration](#)

- [Levosimendan for amyotrophic lateral sclerosis.](#)

Mamede de Carvalho, Michael Swash.

Artículo de la revista [The Lancet Neurology.](#)

- [Safety and efficacy of oral levosimendan in people with amyotrophic lateral sclerosis \(the REFALS study\): a randomised, double-blind, placebo-controlled phase 3 trial.](#)

Prof Merit Cudkowicz, Angela Genge, Prof Nicholas Maragakis, Prof Susanne Petri, Prof Leonard van den Berg, Valtteri V Aho.

Artículo de la revista [The Lancet Neurology.](#)

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

- [Brain Region and Cell Compartment Dependent Regulation of Electron Transport System Components in Huntington's Disease Model Mice.](#)

Johannes Burtscher, Giuseppe Pepe, Federico Marracino, Luca Capocci, Susy Giova, Grégoire P. Millet, Alba Di Pardo and Vittorio Maglione.

Artículo de la revista [MDPI](#)

- [Impaired refinement of kinematic variability in Huntington disease mice on an automated home-cage forelimb motor task.](#)

Cameron L. Woodard, Marja D. Sepers and Lynn A. Raymond.

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

Recopilación de nuevas investigaciones, publicaciones y avances sobre la **Distrofia muscular de Duchenne**

- [A consolidated AAV system for single-cut CRISPR correction of a common Duchenne muscular dystrophy mutation.](#)

Yu Zhang, Takahiko Nishiyama, Hui Li, Pradeep P.A. Mammen, Rhonda Bassel-Duby, Eric N. Olson.

Artículo de la revista [Molecular Therapy. Methods & Clinical Development.](#)