



# Nuevos estudios e información de interés relacionado con la discapacidad.

Noviembre 2021.

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

- [Models and materials for exercise promotion in comprehensive multiple sclerosis care: completion of the 'exercise in medicine' development process.](#)  
Emma V. Richardson, Matthew Fifolt, Elizabeth A. Barstow & Robert W. Motl.  
**Artículo de la revista** [Disability and Rehabilitation.](#)
- [Paediatric multiple sclerosis: a lesson from TERIKIDS](#)  
Maria Pia Sormani, Emmanuelle Waubant.  
**Artículo de la revista** [The Lancet Neurology.](#)

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

- [Performance-Based Everyday Problem-Solving in Patients With TBI](#)  
Marcella Pizzi, Erika Borella, Federica Piras.  
**Artículo de la revista** [Archives of Clinical Neurophysiology.](#)
- [Encouraging Digital Technology in Neuropsychology: The Theory of Visual Attention on Tablet Devices.](#)  
Tianlu Wang, Hella Thielen, Erik De Preter, Signe Vangkilde, Céline R Gillebert.  
**Artículo de la revista** [Archives of Clinical Neurophysiology.](#)
- [Implantable brain-computer interface for neuroprosthetic-enabled volitional hand grasp restoration in spinal cord injury.](#)  
Iahn Cajigas, Kevin C Davis, Benjamin Meschede-Krasa, Noeline W Prins, Sebastian Gallo, Jasim Ahmad Naeem, Anne Palermo, Audrey Wilson, Santiago Guerra, Brandon A Parks, Lauren Zimmerman, Katie Gant, Allan D Levi, W Dalton Dietrich, Letitia Fisher, Steven Vanni, John Michael Tauber, Indie C Garwood, John H Abel, Emery N Brown, Michael E Ivan, Abhishek Prasad, Jonathan Jagid.  
**Artículo de la revista** [Brains Communications](#)
- ['Scary' pericytes: the fibrotic scar in brain and spinal cord lesions](#)



Nora H. Rentsch, Ruslan Rus.

**Artículo de la revista** [Trends in Neurosciences](#).

- [Hearing healthcare for workers with hearing loss: audiologists' experiences and views.](#)

Margaret Zuriekat, Hannah Semeraro, Victoria Watson, Daniel Rowan, and Sarah Kirby.

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

- [Mobility experiences of adult lower limb orthosis users: a focus group study](#)  
Geoffrey S. Balkman ORCID Icon, Brian J. Hafner, Rachael E. Rosen & Sara J. Morgan.

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

- [Factors that influence oral hygiene care with hospitalised stroke patients: a mixed methods study.](#)

Marlena Klaic, Erich Seng & Roisin McGrath.

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

- [Factors associated with sustaining work with chronic spinal cord injury: a scoping review.](#)

Katarzyna Karcz, Bruno Trezzini, Reuben Escorpizo ORCID Icon & Monika E. Finger.

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

- [Healthcare professionals' involvement in breaking bad news to newly diagnosed patients with motor neurodegenerative conditions: a qualitative study.](#)

Eleftherios Anestis, Fiona J. R. Eccles, Ian Fletcher, Sofia & Jane Simpson.

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

- [Interventions to promote independent participation among community-dwelling middle-aged adults with long-term physical disabilities: a systematic review.](#)

Abigail L. Kehrer, Brianna Barkocy, Britney Downs, Susan Rice, Szu-Wei Chen & Susan Stark.

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

- [Usability and performance validation of an ultra-lightweight and versatile untethered robotic ankle exoskeleton.](#)

Greg Orekhov, Ying Fang, Chance F. Cuddeback & Zachary F. Lerner.

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

- [Adult neurogenesis in neurological diseases](#)

Fred H. Gage.

**Artículo de la revista** [Science](#).



- [Impact of neurodegenerative diseases on human adult hippocampal neurogenesis.](#)  
J. Terreros-Roncal, P. Moreno-Jiménez, Flor-García, B. Rodríguez-Moreno, F. Trincherio, F. Cafini, A. Rábano, M. Llorens-Martín.  
**Artículo de la revista [Science](#).**
- [LOTUS overexpression via ex vivo gene transduction further promotes recovery of motor function following human iPSC-NS/PC transplantation for contusive spinal cord injury.](#)  
Shuhei Ito, Narihito Nagoshi, Yasuhiro Kamata, Kota Kojima, Satoshi Nori, Morio Matsumoto, Kohtaro Takei, Masaya Nakamura, Hideyuki Okano.  
**Artículo de la revista [Stem Cell Reports](#)**

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

- [Altered Dynamic Information Flow through the Cortico-Basal Ganglia Pathways Mediates Parkinson's Disease Symptoms.](#)  
Satomi Chiken, Masahiko Takada, Atsushi Nambu.  
**Artículo de la revista [Cerebral Cortex](#).**
- [Evaluating dopamine transporter imaging as an enrichment biomarker in a phase 2 Parkinson's disease trial.](#)  
R. Matthew Hutchison, Karleyton C. Evans, Tara Fox, Minhua Yang, Jerome Barakos, Barry J. Bedell, Jesse M. Cedarbaum, Miroslaw Brys, Andrew Siderowf & Anthony E. Lang.  
**Artículo de la revista [BMC Neurology](#)**
- [Rescue of  \$\alpha\$ -synuclein aggregation in Parkinson's patient neurons by synergistic enhancement of ER proteostasis and protein trafficking](#)  
Iva Stojkovska, Willayat Y. Wani, Friederike Zunke, Nandkishore R. Belur, Egor A. Pavlenko, Nkatha Mwenda, Karan Sharma, Laetitia Francelle, Joseph R. Mazzulli.  
**Artículo de la revista [Neuron](#).**
- [Disruption of mitochondrial complex I induces progressive parkinsonism.](#)  
Patricia González-Rodríguez, Enrico Zampese, Kristen A. Stout, Jaime N. Guzman, Ema Ilijic, Ben Yang, Tatiana Tkatch, Mihaela A. Stavarache, David L. Wokosin, Lin Gao, Michael G. Kaplitt, José López-Barneo, Paul T. Schumacker & D. James Surmeier  
**Artículo de la revista [Nature](#)**
- [Acute improvement in the attention network with repetitive transcranial magnetic stimulation in Parkinson's disease.](#)



Wei Wei, Xingyang Yi, Zexiu Wu, Jianghai Ruan, Hua Luo & Xiaodong Duan.

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

- [Prediction and detection of freezing of gait in Parkinson's disease from plantar pressure data using long short-term memory neural-networks](#)  
Gaurav Shalin, Scott Pardoel, Edward D. Lemaire, Julie Nantel & Jonathan Kofman.

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

- [Pluripotent stem cell derived dopaminergic subpopulations model the selective neuron degeneration in Parkinson's disease.](#)  
Tony Oosterveen, Pedro Garção, Emma Moles-Garcia, Clement Soleilhavoup, Marco Travaglio, Shahida Sheraz, Rosa Peltrini, Kieran Patrick, Valerie Labas, Lucie Combes-Soia, Ulrika Marklund, Peter Hohenstein, Lia Panman.

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

- [Preservation of eye movements in Parkinson's disease is stimulus and task specific.](#)  
Jolande Fooker, Pooja Patel, Christina B. Jones, Martin J. McKeown and Miriam Spering.

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

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

- [Translation, cultural adaptation, and validation of a screening test for cognitive and behavioural changes in amyotrophic lateral sclerosis.](#)  
Tina Taule, Annbjørg Spilde Morland, Jörg Aßmus, Ole-Bjørn Tysnes & Tiina Rekand.

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

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

- [Predictors of Caregiver Burden in Huntington's Disease.](#)  
Danielle C Hergert, Cynthia R Cimino  
**Artículo de la revista** [Archives of Clinical Neurophysiology](#).
- [Developmental defects in Huntington's disease show that axonal growth and microtubule reorganization require NUMA1.](#)  
Mariacristina Capizzi, Rémi Carpentier, Eric Denarier, Annie Adrait, Rayane Kassem, Marina Mapelli, Yohann Couté, Sandrine Humbert..  
**Artículo de la revista** [Neuron](#).



- [Mis-splicing in Huntington's disease: harnessing the power of comparative transcriptomics](#)  
Yi Xing, Robert Wang, Beverly L. Davidson.  
**Artículo de la revista** [Trends in Neurosciences](#).

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

- [Longitudinal Motor Functional Outcomes and Magnetic Resonance Imaging Patterns of Muscle Involvement in Upper Limbs in Duchenne Muscular Dystrophy](#)  
Claudia Brogna, Lara Cristiano, Tommaso Verdolotti, Giulia Norcia, Luana Ficociello, Roberta Ruiz, Giorgia Coratti, Lavinia Fanelli, Nicola Forcina, Giorgia Petracca, Fabrizia Chieppa, Tommaso Tartaglione, Cesare Colosimo, Marika Pane and Eugenio Mercuri.  
**Artículo de la revista** [MDPI](#).