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# BOLETÍN MENSUAL DE DIVULGACIÓN DE INFORMACIÓN DEL CRE DISCAPACIDAD Y DEPENDENCIA, IMSERSO

Boletín  
mensual de  
divulgación de  
información  
sobre  
investigaciones,  
publicaciones y  
avances  
científicos  
relacionados  
con la  
discapacidad

Julio -Agosto  
2022



# Recopilación de nuevas investigaciones, publicaciones y avances sobre:

## Discapacidad.

- ✓ PROMPT to improve speech motor abilities in children with cerebral palsy: a wait-list control group trial protocol

S. Fiori, C. Ragoni, I. Podda, A. Chilosi, C. Amador, P. Cipriani, A. Guzzetta & G. Sgandurra

DOI: <https://doi.org/10.1186/s12883-022-02771-6>  
Artículo de la revista BMC Neurology

- ✓ Moving together is better: a systematic review with meta-analysis of sports-focused interventions aiming to improve physical activity participation in children and adolescents with cerebral palsy.

Ricardo Rodrigues de Sousa Junior, Deisiane Oliveira Souto, Ana Cristina Resende Camargos, Georgina L. Clutterbuck & Hércules Ribeiro Leite

DOI: <https://doi.org/10.1080/09638288.2022.2098394>  
Artículo de la revista Disability and Rehabilitation.

- ✓ Validation of the international classification of functioning, disability, and health (ICF) core sets for musculoskeletal conditions in a primary health care setting from physiotherapists' perspective using the Delphi method.

Hector Hernandez Lazaro, Maria Teresa Mingo-Gómez, Luis Ceballos Laita, Ricardo Medrano-de-la-Fuente & Sandra Jimenez del Barrio

DOI: <https://doi.org/10.1080/09638288.2022.2096128>  
Artículo de la revista Disability and Rehabilitation.

- ✓ Best practice care for persistent pain in adults with spinal cord injuries: a systematic review and narrative synthesis of clinical practice guideline recommendations.

Emma L. Karran, Louise K. Wiles, Dianne J. Wilson & G. Lorimer Moseley



DOI: <https://doi.org/10.1080/09638288.2022.2093998>  
Artículo de la revista Disability and Rehabilitation.

- ✓ Is there an unmet medical need for improved hearing restoration?

Bettina Julia WolfKathrin KuschVictoria HunnifordBarbara VonaRobert  
KühlerDaniel KeppelerNicola StrenzkeTobias Moser

DOI: <https://doi.org/10.15252/emmm.202215798>  
Artículo de la revista EMBO Molecular Medicine.

- ✓ Finding cures for neurological diseases

Reinhard Hohlfeld

DOI: <https://doi.org/10.1093/brain/awac282>  
Artículo de la revista Brain.

- ✓ Neuropsychological Profile of Hereditary Ataxias: Study of 38 Patients

Maitane García, Idoia Rouco-Axpe, Imanol Amayra, Alfredo Rodríguez-  
Antigüedad, Claudio Catalli, Alberto Cabrera-Zubizarreta, Alicia Aurora  
Rodríguez, Manuel Pérez.

DOI: <https://doi.org/10.1093/arclin/acac024>  
Artículo de la revista Archives of Clinical Neurophycology.

## Distrofia facioescapulohumeral (FSHD)

- ✓ Facing facial weakness: psychosocial outcomes of facial weakness and reduced facial function in facioscapulohumeral muscular dystrophy

W. A. van de Geest-Buit, N. B. Rasing, K. Mul, J. C. W. Deenen, S. C. C.  
Vincenten, I. Siemann, A. Lanser, J. T. Groothuis, B. G. van Engelen, J.  
A. E. Custers & N. C. Voermans.

DOI: <https://doi.org/10.1080/09638288.2022.2092779>  
Artículo de la revista Disability and Rehabilitation.



## Enfermedad de Huntington.

- ✓ Alternative processing of human HTT mRNA with implications for Huntington's disease therapeutics.

Sandra Fienko, Christian Landles, Kirupa Sathasivam, Sean J McAteer, Rebecca E Milton, Georgina F Osborne, Edward J Smith, Samuel T Jones, Marie K Bondulich, Emily C E Danby, Jemima Phillips, Bridget A Taxy, Holly B Kordasiewicz, Gillian P Bates.

DOI: <https://doi.org/10.1093/brain/awac241>

Artículo de la revista Brain.

- ✓ Mitochondrial HSF1 triggers mitochondrial dysfunction and neurodegeneration in Huntington's disease.

Chunyue LiuZixing FuShanshan WuXiaosong WangShengrong ZhangChu ChuYuan HongWenbo WuShengqi ChenYueqing JiangYang WuYongbo SongYan LiuXing Guo.

DOI: <https://doi.org/10.15252/emmm.202215851>

Artículo de la revista EMBO Molecular Medicine.

- ✓ Metformin to treat Huntington disease: A pleiotropic drug against a multi-system disorder

C Trujillo-Del Río, J Tortajada-Pérez, A P Gómez-Escribano, F Casterá, C Peiró, J M Millán, M J Herrero, R P Vázquez-Manrique.

DOI: 10.1016/j.mad.2022.111670

Artículo de la revista PubMed.gov

## Enfermedad de Parkinson.

- ✓ Reply: Vitamins B6 and B12, levodopa, and their complex interactions in patients with Parkinson's disease.

Ana Sardoeira, Nuno Vila-Chã, Marta Corrá, Ana Paula Sousa, Walter Maetzler, Luís F Maia.

DOI: <https://doi.org/10.1093/brain/awac248>

Artículo de la revista Brain.



- ✓ Extracellular vesicle biomarkers for cognitive impairment in Parkinson's disease.

Joseph Blommer, Toni Pitcher, Maja Mustapic, Erden Eren, Pamela J Yao, Michael P Vreones, Krishna A Pucha, John Dalrymple-Alford, Reza Shoorangiz, Wassilios G Meissner, Tim Anderson, Dimitrios Kapogiannis

DOI: <https://doi.org/10.1093/brain/awac258>

Artículo de la revista Brain.

- ✓ Multiple N-of-1 trials to investigate hypoxia therapy in Parkinson's disease: study rationale and protocol.

Jules M. Janssen Daalen, Marjan J. Meinders, Federica Giardina, Kit C. B. Roes, Bas C. Stunnenberg, Soania Mathur, Philip N. Ainslie, Dick H. J. Thijssen & Bastiaan R. Bloem.

DOI: <https://doi.org/10.1186/s12883-022-02770-7>

Artículo de la revista BMC Neurology

- ✓ Height and nigral neuron density in Parkinson's disease

Laura Saari, Emmilotta A. Backman, Pia Wahlsten, Maria Gardberg & Valteri Kaasinen

DOI: <https://doi.org/10.1186/s12883-022-02775-2>

Artículo de la revista BMC Neurology

- ✓ Aerobic capacity in persons with Parkinson's disease: a systematic review

Cecilie Thruue, Lars G. Hvid, Mads Gamborg, Helen Dawes, Ulrik Dalgas & Martin Langeskov-Christensen.

DOI: <https://doi.org/10.1080/09638288.2022.2094480>

Artículo de la revista Disability and Rehabilitation.

- ✓ The correlation between enlarged perivascular spaces and cognitive impairment in Parkinson's disease and vascular parkinsonism.

Yu Tu, Wenyan Zhuo, Jiewei Peng, Rong Huang, Baizhu Li, Yuqi Liu, Chengtao Zhang, Xiuli Zeng & Li'an Huang.

DOI: <https://doi.org/10.1186/s12883-022-02819-7>

Artículo de la revista BMC Neurology



## Esclerosis Lateral Amiotrófica (ELA)

- ✓ Long-term outcomes of edaravone in amyotrophic lateral sclerosis in South Korea: 72-week observational study

Jin-Mo Park, Donghwi Park, Hyung-Jun Kim & Jin-Sung Park

DOI: <https://doi.org/10.1186/s12883-022-02788-x>

Artículo de la revista BMC Neurology

## Esclerosis múltiple y otras enfermedades autoinmunes.

- ✓ Contribution of B cells to cortical damage in multiple sclerosis.

Pavan Bhargava, Hans Peter Hartung, Peter A Calabresi.

DOI: <https://doi.org/10.1093/brain/awac233>

Artículo de la revista Brain.

- ✓ Avoidant Coping Is Associated with Quality of Life in Persons with Multiple Sclerosis with High Cognitive Reserve.

Samantha M Vervoordt, Megan L Bradson, Peter A Arnett

DOI: <https://doi.org/10.1093/arclin/acac049>

Artículo de la revista Archives of Clinical Neurophycology.

- ✓ Improved prediction of early cognitive impairment in multiple sclerosis combining blood and imaging biomarkers

Tobias Brummer, Muthuraman Muthuraman, Falk Steffen, Timo Uphaus, Lena Minch, Maren Person, Frauke Zipp, Sergiu Groppa, Stefan Bittner, Vinzenz Fleischer.

DOI: <https://doi.org/10.1093/braincomms/fcac153>

Artículo de la revista Brains Communications

- ✓ Diagnosis of coexistent neurodegenerative dementias in multiple sclerosis

Diana P Londoño, Kogulavadanan Arumathurai, Eleni Constantopoulos, Michael R Basso, R Ross Reichard, Eoin P Flanagan, B Mark Keegan



DOI: <https://doi.org/10.1093/braincomms/fcac167>  
Artículo de la revista Brains Communications

- ✓ Positive effects of Phycocyanobilin on gene expression in glutamate-induced excitotoxicity in SH-SY5Y cells and animal models of multiple sclerosis and cerebral ischemia.

Daniel Palenzuela Gardón, Majel Cervantes-Llanos, Beatriz Piniella Matamoros, Hanlet Camacho Rodríguez, Chan-yuan Tan, Javier Marín – Prida, Viviana Falcón-Cama, Nancy Pavón-Fuentes, Jessica Gómez Lemus, Laura de la Caridad Bakos Ruiz, Tamara Díaz Argudin, Gillian Martínez Donato, Yasser Perera, Ke Yang, Giselle Pentón-Rol.

DOI: <https://doi.org/10.1016/j.heliyon.2022.e09769>  
Artículo de la revista Heliyon.

- ✓ Diagnosis of Multiple Sclerosis

Jiwon Oh, MD, PhD, FRCPC

DOI: 10.1212/CON.0000000000001156  
Artículo de la revista Continuum Lifelong learning in Neurology.

- ✓ Treatment of Multiple Sclerosis

Anne Cross, MD, FAAN; Claire Riley, MD

DOI: 10.1212/CON.0000000000001170  
Artículo de la revista Continuum Lifelong learning in Neurology.

- ✓ Approach to Symptom Management in Multiple Sclerosis With a Focus on Wellness

Rebecca Spain, MD, MSPH, FAAN

DOI: 10.1212/CON.0000000000001140  
Artículo de la revista Continuum Lifelong learning in Neurology.

- ✓ Progressive Multiple Sclerosis

Lilyana Amezcua, MD, MS, FAAN

DOI: 10.1212/CON.0000000000001157  
Artículo de la revista Continuum Lifelong learning in Neurology.





✓ Further support for rituximab in relapsing multiple sclerosis

Robert T Naismith, Anne H Cross

DOI:[https://doi.org/10.1016/S1474-4422\(21\)00180-0](https://doi.org/10.1016/S1474-4422(21)00180-0)

Artículo de la revista The Lancet Neurology.





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