

Name, academic degrees: Luis Velázquez Pérez, MD, PhD, DSc

Current academic position: President of the Cuban Academy of Sciences
Senior researcher of the Centre for the Research and Rehabilitation of Hereditary Ataxias.

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Date and Place of Birth: 7th September 1963, Holguín, Cuba

Nationality: Cuban

Academic Education & qualifications:

- 1988:** Medical Degree Doctor at the Medical University, Holguín, Cuba
- 1992:** First-degree Specialist in Clinical Neurophysiology, in the Neurology and Neurosurgery Institute, Havana. Cuba
- 1998:** Second-degree Specialist in Normal and Pathologic Physiology (confined to Clinical Neurophysiology), in the Neurology and Neurosurgery Institute, Havana. Cuba.
- 1999:** Philosophical Science Doctor (PhD) in the National Center of Scientific Research (CNIC). Neurosciences Center of Cuba, Havana, Cuba.
- 2005:** Auxiliary Professor of Internal Medicine (Profesor Auxiliar). Medical University, Holguín, Cuba.
- 2005:** Experienced Researcher, Medical University, Holguín, Cuba.
- 2007:** Senior Professor of Internal Medicine, Physiology and Clinical Neurophysiology. Medical University, Holguín, Cuba.
- 2012:** Second PhD (DSc) in the Medical University of Havana.
- 2012:** Senior academic, Cuban Academy of Science.
- 2014:** Second-degree Specialist in Neurology (confined to Clinic Neurology).
- 2015:** Postdoctoral fellowship, Germany.

Appointments:

Since 12/2017: President of the Cuban Academy of Sciences, Havana, Cuba.

Since 2007: Senior Professor of Physiology and Clinical Neurophysiology. Medical University, Holguín, Cuba

2000-2017: Director of the Centre for the Research and Rehabilitation of Hereditary Ataxias, Holguín, Cuba.

1998 – 2000: Second-degree Specialist in Normal and Pathologic Physiology (confined to Clinical Neurophysiology), in the Vladimir I Lenin Hospital, Holguín, Cuba.

1994 – 1998: First-degree Specialist in Normal and Pathologic Physiology (confined to Clinical Neurophysiology), in the Vladimir I Lenin Hospital, Holguín, Cuba.

1992-1994: First-degree Specialist in Clinical Neurophysiology, in Pediatric Hospital of Holguín, Holguín, Cuba.

1988 – 1992: Resident, Department of Clinical neurophysiology. Cuban Neuroscience Center, Havana, Cuba.

Clinical expertise: Clinical Neurophysiology, neurology, ataxias, sleep medicine.

Research expertise: Clinical neurophysiology techniques, cerebellum and cerebellar syndrome, Clinical scales, sleep analysis, cognition, transcranial magnetic stimulation (TMS).

Fellowships and awards:

- Georg Foster award of the Alexander Von Humboldt foundation, 2013.
- “Rafael Estrada in memoriam Award”, 2012
- National Awards of the Cuban Academy of Sciences, 2013, 2006, 2008, 2009, 2012, 2013, 2014, 2015, 2016, 2017).
- International Congress Travel Grant of the Movement Disorders Society, Buenos Aires, Argentina, 2012, 2010
- Cuban Annual Awards of Health, 2003, 2004, 2006, 2009, 2013, 2014, 2015, 2016, 2017.
- National Prize of the Cuban Neurophysiology Society, Varadero, Cuba, 2008.
- International Prize of the World Federation of Clinic Neurophysiology, Chile, 2004.
- Granted a fellowship of the World Federation of Clinical Neurophysiology in Chile, 2004.
- International Prize of the World Federation of Clinic Neurophysiology, Buenos Aires, Argentina, 1997.

Funding: Grant from the Alexander Von Humboldt foundation: 60.000 EUR
 Grant from the CONACyT: 30.000 USD
 Grants from the Cuban Ministry of Public Health: 100.000 CUP

Societies:

- Cuban Academy of Sciences.
- Project Coordinator for Cuba CYTED: LATIN AMERICAN NETWORK FOR MULTIDISCIPLINARY STUDY OF MOVEMENT DISORDERS (RIBERMOV)
- Member of the International Society for Parkinson's Disease and other Movements Disorders (MDS).
- Cuban Society for Neuroscience.
- Cuban Society of Clinical Neurophysiology.
- Cuban Society of Neurology and Neurosurgery.
- Cuban Society of Pharmacology.
- Member of Academic Committee of the Master of Natural and Traditional Medicine.

Member of editorial boards and board member of scientific organizations:

- Cuban Society for Neuroscience.

Editorships: Since 2015: Associated Editor of Cerebellum and Ataxias
 Since 2015: Associated Editor of Investigacion en Discapacidad

Ad hoc reviewer (* Reviews performed in 2011-2018):

- The Lancet Neurology
- Neurology
- Movement Disorders
- Journal of Neurology, Neurophysiology and Neuropsychiatry
- The Cerebellum
- Neurochemical Research
- Cerebellum and ataxias
- Archives of Medical Research
- Neural Regeneration Research

Publications: 189 peer-reviewed publications, 5 book chapters, 4 Books,
 Citations: 2071, ISI h-index: 26

List of publications**Books and books chapters**

1. Velázquez L. Ataxia Espinocerebelosa tipo 2. Principales aspectos neurofisiológicos para el diagnóstico y pronóstico de la enfermedad. Ed. Holguín. 2006. ISBN 959-221-202-3. III Edición.
2. Velázquez L. Ataxia Espinocerebelosa tipo 2. Principales aspectos neurofisiológicos para el diagnóstico y pronóstico de la enfermedad. Ed. Holguín. 2008. ISBN 978-959-221-282-4. II Edición. Impreso por la Sábana LTDA, Colombia.
3. Velázquez L. Ataxia Espinocerebelosa Tipo 2. Diagnóstico, Pronóstico y Evolución. La Habana, Editorial Ciencias Médicas, Cuba, 2012. ISBN 978-959-212-713-5.
4. Velázquez L y Rodríguez R. Manifestaciones tempranas de la Ataxia Espinocerebelosa tipo 2: de la fisiopatología a los biomarcadores preclínicos. Ed. Holguín. 2011. ISBN 959-221-202-3.
5. Velázquez L, Rodríguez R and Georg Auburger. Spinocerebellar Ataxia type 2. In Gazulla J, editor. Spinocerebellar Ataxias, Intech, 2012.
6. Rodríguez R, Velázquez L. Eye Movement Abnormalities in Spinocerebellar Ataxias. In Gazulla J, editor. Spinocerebellar Ataxias, Intech, 2012.

Papers

1. **Velázquez-Pérez L**, Rodríguez-Labrada R, Torres-Vega R, Ortega-Sánchez R, Medrano-Montero J, González-Piña R, Vázquez-Mojena Y, Auburger G, Ziemann U. Progression of corticospinal tract dysfunction in pre-ataxic spinocerebellar ataxia type 2: A two-years follow-up TMS study. Clin Neurophysiol. 2018 May;129(5):895-900.
2. Reetz K, Rodríguez-Labrada R, Dogan I, Mirzazade S, Romanzetti S, Schulz JB, Cruz-Rivas EM, Alvarez-Cuesta JA, Aguilera Rodríguez R, Gonzalez Zaldivar Y, Auburger G **Velázquez-Pérez L**. Brain atrophy measures in preclinical and manifest spinocerebellar ataxia type 2. Ann Clin Transl Neurol. 2018 Jan 7;5(2):128-137.
3. Rodríguez-Labrada R, Vázquez-Mojena Y, Canales-Ochoa N, Medrano-Montero **J Velázquez-Pérez L**. Heritability of saccadic eye movements in spinocerebellar ataxia type 2: insights into an endophenotype marker. Cerebellum Ataxias. 2017 Dec 19;4:19.
4. **Velázquez-Pérez L**, Tünnerhoff J, Rodríguez-Labrada R, Torres-Vega R, Ruiz-Gonzalez Y, Belardinelli P, Medrano-Montero J, Canales-Ochoa N, González-Zaldivar Y, Vázquez-Mojena Y, Auburger G, Ziemann U. Early corticospinal tract damage in prodromal SCA2 revealed by EEG-EMG and EMG-EMG coherence. Clin Neurophysiol. 2017 Dec;128(12):2493-2502.
5. **Velázquez-Pérez LC**, Rodríguez-Labrada R, Fernandez-Ruiz J. Spinocerebellar Ataxia Type 2: Clinicogenetic Aspects, Mechanistic Insights, and Management Approaches. Front Neurol. 2017 Sep 11;8:472. doi: 10.3389/fneur.2017.00472. eCollection 2017.

6. Almaguer-Mederos LE, Aguilera-Rodríguez R, Cuello-Almarales D, Almaguer-Gotay D, González-Zaldívar Y, Vázquez-Mojena Y, Santos-Falcón N, Sánchez-Cruz G, **Velázquez-Pérez L**. Normal ATXN2 alleles influences on the age at onset in spinocerebellar ataxia type 2. *Mov Disord*. 2017 Sep;32(9):1329-1330.
7. **Velázquez-Pérez L**, Rodríguez-Labrada R, Laffita-Mesa JM. Prodromal spinocerebellar ataxia type 2: Prospects for early interventions and ethical challenges. *Mov Disord*. 2017 May;32(5):708-718.
8. **Velázquez-Pérez L**, Tünnerhoff J, Rodríguez-Labrada R, Torres-Vega R, Belardinelli P, Medrano-Montero J, Peña-Acosta A, Canales-Ochoa N, Vázquez-Mojena Y, González-Zaldívar Y, Auburger G, Ziemann U. Corticomuscular Coherence: a Novel Tool to Assess the Pyramidal Tract Dysfunction in Spinocerebellar Ataxia Type 2. *Cerebellum*. 2017 Apr;16(2):602-606.
9. **Velázquez-Pérez L**, Rodríguez-Labrada R, Torres-Vega R, Medrano Montero J, Vázquez-Mojena Y, Auburger G, Ziemann U. Abnormal corticospinal tract function and motor cortex excitability in non-ataxic SCA2 mutation carriers: A TMS study. *Clin Neurophysiol*. 2016 Aug;127(8):2713-9.
10. **Velázquez-Pérez L**, Sánchez-Cruz G, Rodríguez-Labrada R, Velázquez-Manresa M, Hechavarría-Pupo R, Almaguer-Mederos LE. Postural Instability in Prodromal Spinocerebellar Ataxia Type 2: Insights into Cerebellar Involvement Before Onset of Permanent Ataxia. *Cerebellum*. 2017 Feb;16(1):279-281
11. **Velázquez-Pérez L**, Rodríguez-Labrada R, Torres-Vega R, Montero JM, Vázquez-Mojena Y, Auburger G, Ziemann U. Central motor conduction time as prodromal biomarker in spinocerebellar ataxia type 2. *Mov Disord*. 2016 Apr;31(4):603-4.
12. Rodríguez-Labrada R, **Velázquez-Pérez L**, Auburger G, Ziemann U, Canales-Ochoa N, Medrano-Montero J, Vázquez-Mojena Y, González-Zaldívar Y. Spinocerebellar ataxia type 2: Measures of saccade changes improve power for clinical trials. *Mov Disord*. 2016 Apr;31(4):570-8.
13. **Velázquez-Pérez L**. An insight into the natural history of spinocerebellar ataxias. *Lancet Neurol* 2015. [http://dx.doi.org/10.1016/S1474-4422\(15\)00218-5](http://dx.doi.org/10.1016/S1474-4422(15)00218-5).
14. Tania Cruz-Mariño, Yaimeé Vázquez-Mojena, **Luis Velázquez-Pérez**, Yanetza González-Zaldívar, Raúl Aguilera-Rodríguez, Miguel Velázquez-Santos Annelié Estupiñán-Rodríguez, José Miguel Laffita-Mesa, Luis E. Almaguer-Mederos, Milena Paneque. SCA2 predictive testing in Cuba: challenging concepts and protocol evolution. *J Community Genet*, 2015. DOI 10.1007/s12687-015-0226-4.
15. Carlos R. Hernandez-Castillo, Victor Galvez, Roberto E. Mercadillo, Rosalinda Díaz, Petra Yescas, Leticia Martinez, Adriana Ochoa, MSci, **Luis Velazquez-Perez**, Juan Fernandez-Ruiz. Functional connectivity changes related to cognitive and motor performance in SCA 2. *Movement Disorders*, Vol. 00, No. 00, 2015.
16. Salas-Vargas J, Mancera-Gervacio J, **Velázquez-Pérez L**, Rodríguez-Labrada R, Martínez-Cruz E, Magaña JJ, Durand-Rivera A, Hernández-Hernández O, Cisneros B, Gonzalez-Piña R. Spinocerebellar ataxia type 7: a neurodegenerative disorder with peripheral neuropathy. *Eur Neurol*. 2015;73(3-4):173-8. doi: 10.1159/000370239.

17. González-Zaldívar, Y, Vázquez-Mojena Y, Laffita-Mesa JM, Almaguer-Mederos, Rodríguez-Labrada R, Sánchez-Cruz G, Aguilera-Rodríguez R , Cruz-Mariño T , Canales-Ochoa N, MacLeod Pand **Velázquez-Pérez L**. Epidemiological, clinical, and molecular characterization of Cuban families with spinocerebellar ataxia type 3/Machado-Joseph disease. *Cerebellum and ataxias*.2015 2:1
18. Vaca-Palomares I, Díaz R, Rodríguez-Labrada R, Medrano-Montero J, Aguilera-Rodríguez R, Vázquez-Mojena Y, Fernandez-Ruiz J, Velázquez-Pérez L. Strategy Use, Planning, and Rule Acquisition Deficits in Spinocerebellar Ataxia Type 2 Patients. *J Int Neuropsychol Soc*. 2015 Mar 23:1-7.
19. **Velázquez-Pérez L**, Rodríguez-Labrada R, Canales-Ochoa N, Montero JM, Sánchez-Cruz G, Aguilera-Rodríguez R, Almaguer-Mederos LE, Laffita-Mesa JM. Progression of early features of spinocerebellar ataxia type 2 in individuals at risk: a longitudinal study. *Lancet Neurol*. 2014 May;13(5):482-9.
20. **Velázquez-Pérez L**, Rodríguez-Labrada R, Cruz-Rivas EM, Fernández-Ruiz J, Vaca-Palomares I, Lilia-Campins J, Cisneros B, Peña-Acosta A, Vázquez-Mojena Y, Diaz R, Magaña-Aguirre JJ, Cruz-Mariño T, Estupiñán-Rodríguez A, Laffita-Mesa JM, González-Piña R, Canales-Ochoa N, González-Zaldivar Y. Comprehensive study of early features in spinocerebellar ataxia 2: delineating the prodromal stage of the disease. *Cerebellum*. 2014 Oct;13(5):568-79. doi: 10.1007/s12311-014-0574-3.
21. **Velázquez-Pérez L**, Cerecedo-Zapata CM, Hernández-Hernández O, Martínez-Cruz E, Tapia-Guerrero YS, González-Piña R, Salas-Vargas J, Rodríguez-Labrada R, Gurrola-Betancourth R, Leyva-García N, Cisneros B, Magaña JJ. A comprehensive clinical and genetic study of a large Mexican population with spinocerebellar ataxia type 7. *Neurogenetics*. 2014 Oct 16. [Epub ahead of print].
22. Magaña JJ, Tapia-Guerrero YS, Velázquez-Pérez L, Cruz-Mariño T, Cerecedo-Zapata CM, Gómez R, Murillo-Melo NM, González-Piña R, Hernández-Hernández O, Cisneros B. Clinical and molecular effect on offspring of a marriage of consanguineous spinocerebellar ataxia type 7 mutation carriers: a family case report. *Int J Clin Exp Med*. 2014 Dec 15;7(12):5896-903.
23. **Luis Velázquez-Pérez**, Olivia Teresa González Gay,Roberto Rodríguez-Labrada, Raúl Aguilera Rodríguez, Nalia Canales Ochoa, Yenisey Coira Moreno, Yoenis Figueredo,Jacqueline Medrano Montero, Jaime Vazquez Mojena, José Miguel Laffita Mesa , Jorge A Bergado Rosado. Preliminary evaluation of the effect of Compvit-B on memory and learning processes in patients with SCA2. *REV Cub Inv Biomed*. 2014; 33:02
24. Roberto Rodríguez-Labrada, Olivia Teresa González Gay, **Luis Velázquez-Pérez**, Raúl Aguilera Rodríguez, Nalia Canales Ochoa, Yenisey Coira Moreno, Yoenis Figueredo,Jacqueline Medrano Montero, Jaime Vazquez Mojena, José Miguel Laffita Mesa , Jorge A Bergado Rosado. Preliminary evaluation of the effect of Compvit-B on memory and learning processes in patients with SCA2. *REV Cub Inv Biomed*. 2014; 33:01.
25. Rodríguez-Labrada R, **Velázquez-Pérez L**, Aguilera-Rodríguez R, Seifried-Oberschmidt C, Peña-Acosta A, Canales-Ochoa N, Medrano-Montero J, Estupiñán-Rodríguez A, Vázquez-Mojena Y, González-Zaldivar Y, Laffita Mesa JM..

- Executive deficit in spinocerebellar ataxia type 2 is related to expanded CAG repeats: Evidence from antisaccadic eye movements. *Brain Cogn.* 2014 Sep 1;91C:28-34. doi: 10.1016/j.bandc.2014.07.007. [Epub ahead of print]
26. **Velázquez-Pérez L**, Hernández-Hernández O, Leyva-García N, Cortés H, Cisneros B, Magaña JJ. Ataxia espinocerebelosa tipo 2 (parte A): epidemiología y características clínicas y genéticas. *Inv Discap* 2014; 3(3):114-22.
 27. Sepulveda-Falla D, Barrera-Ocampo A, Hagel C, Korwitz A, Vinueza-Veloz MF, Zhou K, Schonewille M, Zhou H, **Velazquez-Perez L**, Rodriguez-Labrada R, Villegas A, Ferrer I, Lopera F, Langer T, De Zeeuw CI, Glatzel M. Familial Alzheimer's disease-associated presenilin-1 alters cerebellar activity and calcium homeostasis. *J Clin Invest.* 2014 Apr 1;124(4):1552-67.
 28. **Velázquez-Pérez L**, González-Piña R, Rodríguez-Labrada R, Aguilera-Rodríguez R, Galicia-Polo L, Vázquez-Mojena Y, Cortés-Rubio AM, Trujillo-Bracamontes MR, Cerecedo-Zapata CM, Hernández-Hernández O, Cisneros B, Magaña JJ. Recessive spinocerebellar ataxia with paroxysmal cough attacks: a report of five cases. *Cerebellum.* 2014 Apr;13(2):215-21.
 29. Vázquez-Mojena Y, Laguna-Salvia L, Laffita-Mesa JM, González-Zaldivar Y, Almaguer-Mederos LE, Rodríguez-Labrada R, Almaguer-Gotay D, **Velázquez-Pérez L** et al. Genetic features of Huntington Disease in a Cuban population: implications for phenotype, epidemiology and predictive testing. *J Neurol Sci.* 2013 335(1-2):101-4.
 30. Laffita-Mesa JM, Rodríguez Pupo JM, Moreno Sera R, Vázquez Mojena Y, Kourí V, Laguna-Salvia L, Martínez-Godales M, Valdevila Figueira JA, Bauer PO, Rodríguez-Labrada R, Zaldivar YG, Paucar M, Svenningsson P, **Pérez LV**. De Novo Mutations in Ataxin-2 Gene and ALS Risk. *PLoS One.* 2013 Aug 6;8(8):e70560.
 31. Laffita-Mesa J, Almaguer-Mederos L, Kourí V, Bauer P, Mojena Y, Mariño T, **Velazquez-Pérez L**. Large normal alleles and SCA2 prevalence: lessons from a nationwide study and analysis of the literature. *Clin Genet.* 2013 Jul 19. doi: 10.1111/cge.12221. [Epub ahead of print] PubMed PMID: 23865735.
 32. Cruz-Mariño T, Laffita-Mesa JM, Gonzalez-Zaldivar Y, Velazquez-Santos M, Aguilera-Rodriguez R, Estupinan-Rodriguez A, Vazquez-Mojena Y, Macleod P, Paneque M, **Velazquez-Perez L**. Large Normal and Intermediate Alleles in the Context of SCA2 Prenatal Diagnosis. *J Genet Couns.* 2014 Feb;23(1):89-96.
 33. Cruz-Mariño T, **Velázquez-Pérez L**, González-Zaldivar Y, Aguilera-Rodríguez R, Velázquez-Santos M, Vázquez-Mojena Y, Estupiñán-Rodríguez A, Reynaldo-Armiñán R, Almaguer-Mederos LE, Laffita-Mesa JM, Tamayo-Chiang V, Paneque M. Couples at risk for spinocerebellar ataxia type 2: the Cuban prenatal diagnosis experience. *J Community Genet.* 2013 4(4):451-60
 34. Cruz-Mariño T, **Velázquez-Pérez L**, González-Zaldivar Y, Aguilera-Rodríguez R, Velázquez-Santos M, Vázquez-Mojena Y, Estupiñán-Rodríguez A, Laffita-Mesa JM, Reynaldo-Armiñán R, Almaguer-Mederos LE, Paneque M. The Cuban program for predictive testing of SCA2: 11 years and 768 individuals to learn from. *Clin Genet.* 2013 83(6):518-24

35. Cruz-Mariño T, **Velázquez-Pérez L**, González-Zaldivar Y, Aguilera-Rodríguez R, Velázquez-Santos M, Vázquez-Mojena Y, et al. Cuban Adolescents Requesting Presymptomatic Testing for Spinocerebellar Ataxia Type 2. *ISRN Genetics* 2013, ID 837202.
36. Rodríguez-Labrada R and **Velázquez-Pérez L** Alteraciones de los movimientos oculares sacádicos en las enfermedades poliglutamínicas. *Rev Mex Neurosci.* 2013;14(3):150-58.
37. Magaña JJ, Gómez R, Maldonado-Rodríguez M, **Velázquez-Pérez L**, Tapia-Guerrero YS, Cortés H, Leyva-García N, Hernández-Hernández O, Cisneros B. Origin of the Spinocerebellar Ataxia Type 7 Gene Mutation in Mexican Population. *Cerebellum.* 2013 12(6):902-5
38. Vaca-Palomares I, Díaz R, Rodríguez-Labrada R, Medrano-Montero J, Vázquez-Mojena Y, **Velázquez-Pérez L**, Fernandez-Ruiz J. Spinocerebellar Ataxia Type 2 Neurodegeneration Differentially Affects Error-Based and Strategic-Based Visuomotor Learning. *Cerebellum.* 2013 12(6):848-55
39. Magaña J, Tapia-Guerrero Y, **Velázquez-Pérez L**, Cerecedo-Zapata C, Maldonado-Rodríguez M, Jano-Ito J, Leyva-García N, González-Piña R, Martínez-Cruz E, Hernández-Hernández O, Cisneros B. Analysis of CAG repeats in five SCA loci in Mexican population: Epidemiological evidence of a SCA7 founder effect. *Clin Genet.* 2013 Jan 31. doi: 10.1111/cge.12114. [Epub ahead of print] PubMed PMID: 23368522.
40. Magaña JJ, **Velázquez-Pérez L**, Cisneros B. Spinocerebellar ataxia type 2: clinical presentation, molecular mechanisms, and therapeutic perspectives. *Mol Neurobiol.* 2013 Feb;47(1):90-104.
41. Cañedo Andalia R, Rodríguez Labrada R, **Velázquez Pérez L**. Distribución según instituciones de la producción científica en salud de Cuba registrada en *Scopus* y *PubMed* en 2011. *Acimed.* 2013 [citado 27 jun 2013]; 24(1).
42. **Luis Velázquez-Pérez** , Roberto Rodríguez-Labrada, Lázaro Álvarez-González , Raúl Aguilera-Rodríguez , Mario Álvarez Sánchez , Nalia Canales-Ochoa , Lourdes Galicia Polo , Reyes Haro-Valencia , Jacqueline Medrano-Montero , Yaimeé Vázquez-Mojena , Arnoy Peña-Acosta , Annelié Estupiñán-Rodríguez , Noemí Rodríguez Pupo. Lisuride Reduces Involuntary Periodic Leg Movements in Spinocerebellar Ataxia Type 2 Patients. *Cerebellum* 2012 Dec;11(4):1051-6.
43. Jose Miguel Laffita-Mesa, **Luis C Velázquez-Pérez**, Nieves Santos Falcón, Tania Cruz-Mariño, Yanetza González Zaldivar, Yaimee Vázquez Mojena, Dennis Almaguer-Gotay, Luis Enrique Almaguer Mederos and Roberto Rodríguez Labrada. Unexpanded and intermediate CAG polymorphisms at the SCA2 locus (ATXN2) in the Cuban population: evidence about the origin of expanded SCA2 alleles. *Eur J Hum Gen*, 20:41-49, 2012.
44. Montes-Brown J, Machado A, Estévez M, Carricarte C, **Velázquez-Pérez L**. Autonomic dysfunction in presymptomatic spinocerebellar ataxia type-2. *Acta Neurol Scand.* 125(1):24-9, 2012.
45. Mariela Guevara-García, Lizette Gil-del Valle, Gregorio Martínez-Sánchez, **Luis Velázquez-Pérez**. Altered redox status in Cuban patients with spinocerebellar ataxia type 2. *Biomedicine & Aging Pathology*, (2012).

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47. **Luis Velázquez-Pérez**, Jorge Rodríguez-Chanfrau, Julio Cesar García-Rodríguez, Gilberto Sanchez-Cruz, Raúl Aguilera-Rodríguez, Roberto Rodríguez-Labrada. Oral Zinc Sulphate Supplementation for Six Months in SCA2 Patients: A Randomized, Double-Blind, Placebo-Controlled Trial. *Neurochem Res* 36:1793–1800, 2011.
48. **Luis Velázquez-Pérez**, Ursula Voss, Roberto Rodríguez-Labrada, Georg Auburger, Nalia Canales Ochoa, Gilberto Sánchez Cruz, et al. Sleep Disorders in Spinocerebellar Ataxia Type 2 Patients. *Neurodegenerative Dis* 8:447–454, 2011.
49. Roberto Rodríguez-Labrada, **Luis Velázquez-Pérez**, Nalia Canales Ochoa, Lourdes Galicia Polo, Reyes Haro Valencia, Gilberto Sánchez Cruz, et al. Subtle Rapid Eye Movement Sleep Abnormalities in Presymptomatic Spinocerebellar Ataxia Type 2 Gene Carriers. *Mov Dis*, 26:(2)347-350, 2011.
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51. **Luis Velázquez Pérez**, Roberto Rodríguez Labrada, Gilberto Sánchez Cruz, José M. Laffita Mesa, Luis Almaguer Mederos, Raúl Aguilera Rodríguez, Jacqueline Medrano Montero, Dennis Almaguer Gotay, Tania Cruz Mariño, Yanetza González Zaldívar, Dany Coello Almarales, Nalia Canales Ochoa, Yaimeé Vázquez Mojena, Julio Cesar Rodríguez Díaz. Caracterización integral de la ataxia espinocerebelosa 2 en Cuba y su aplicación en proyectos de intervención. *Revista Cubana de Salud Pública*, 37(3):230-244, 2011.
52. Jonas Alex Morales Saute, Karina Carvalho Donis, Carmen Serrano-Munuera, David Genis, Luís Torres Ramirez, Pilar Mazzetti, **Luis Velázquez Pérez**, Pilar Latorre, Jorge Sequeiros, Antoni Matilla-Dueñas, Laura Bannach Jardim, On behalf of the Iberoamerican Multidisciplinary Network for the Study of Movement Disorders (RIBERMOV) Study Group. Ataxia Rating Scales—Psychometric Profiles, Natural History and Their Application in Clinical Trials. *The Cerebellum*, 2011.
53. Roberto Rodríguez-Labrada, Luis Velázquez-Pérez, Carola Seigfried, Nalia Canales-Ochoa, Georg Auburger, Jacqueline Medrano-Montero, et al. Saccadic latency is prolonged in Spinocerebellar Ataxia type 2 and correlates with the frontal-executive dysfunctions. *Jou Neurol Sci*, 306:106-107, 2011.
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