

BIOGRAPHICAL SKETCH

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NAME: Esther Cubo MD, PhD.

INSTITUTION AND LOCATION	DEGREE	Completion Date	FIELD OF STUDY
Extremadura University (Spain)	MD	1985-1991	Medicine
Hospital Clinico San Carlos, Madrid (Spain)	Neurologist	1993-1996	Neurology
Rush University Medical Center (Chicago, USA)	Fellowship	1998-2000	Movement Disorders
Clinica Universitaria de Navarra (Spain)	PhD	2003	Movement Disorders
Toronto Western Hospital (Canada)	DBS-Fellowship	2016	Movement Disorders

A. Positions and Honors

Current position

Chair of the Neurology Department at Hospital Universitario Burgos, Professor at Health Sciences, University of Burgos, Spain.

Awards

- 1) *Award for the best poster at the XLVII yearly meeting of the Spanish Society of Neurology, Barcelona, 1995, entitled "Neurologic complications after PTCA".*
- 2) *Award for the best junior research project entitled: Study of the efficacy of walkers in Parkinson's disease freezing. Neurology Department. Rush-Presbyterian St. Luke's Medical Center 2000.*
- 3) *Award for the best scientific publication. Fundacion Burgos Investigacion de la Salud, Burgos University Hospital, Spain, 2007*
- 4) *Award for the best scientific project. Fundacion Burgos Investigacion de la Salud, Burgos University Hospital, Spain, 2008*
- 5) *Award for the best scientific publication. Fundacion Burgos Investigacion de la Salud, Burgos University Hospital, Spain, 2007*
- 6) *Award for the third best scientific publication. Fundacion Burgos Investigacion de la Salud, Burgos University Hospital, Spain, 2009*
- 7) *Presidential Award from the President of the Movement Disorders Society, 2014. Stockholm, Sweden.*
- 8) *Award for the second best scientific publication. Fundacion Burgos por la Investigacion de la Salud, Hospital Universitario Burgos, Spain, 2014.*
- 9) *Award for the second best scientific publication. Fundacion Burgos por la Investigacion de la Salud, Hospital Universitario Burgos, Spain, 2016.*
- 10) *Award for the second best scientific publication. Medical Association, Burgos, Spain, 2016*
- 11) *Award for the best scientific publication. Medical Association, Burgos, Spain, 2019.*

Memberships:

- 1) *Member of the Spanish Neurological Association*
- 2) *Member of the American Academy of Neurology*
- 3) *Member of the Movement Disorders Society*

Committees:

- 1) *Scientific Committee of the Spanish Neurological Association: 2006-2012*
- 2) *Chair of the Telemedicine Task Force, Movement Disorder Society since 2015-2021.*
- 3) *MDS Rating Clinical Scales since 2014.*
- 4) *Member of the New Technology Task Force, Spanish Neurological association since 2018.*
- 5) *Member of the Scientific Committee of the European Huntington's Disease Registry since 2017.*

Ad-Hoc reviewer:

1. *Clinical Neuropharmacology*
2. *Movement Disorders*
3. *Journal of Neurological Sciences.*

4. *Journal of Neurology, Neurosurgery and Psychiatry.*
5. *Movement Disorders Clinical Practice.*
6. *Journal of Alzheimer's disease.*
7. *Neurology*
8. *Parkinsonism & Related Disorders*
9. *Tremor and other hyperkinetic disorders.*

C. Contribution to Science

H-index: 43, Total citations: 4324 (Scopus) 5367 (ResearchGate)

Director of post-doctoral thesis:

I have been the director and co-director of 7 theses with Cum Laudem in all applicants at the University Valladolid and University of Burgos.

Pharmaceutical Clinical Trials (Local PI)

12 clinical trials in Huntington's disease, 10 clinical trials in Parkinson disease (phases 2.b, III, IV).

Selected Research topics and Publications on Huntington's disease

1. García-González X, Cubo E, Simón-Vicente L, Mariscal N, Alcaraz R, Aguado L, Rivadeneyra-Posadas J, Sanz-Solas A, Saiz-Rodríguez M. Pharmacogenetics in the Treatment of Huntington's Disease: Review and Future Perspectives. *J Pers Med.* 2023 Feb 22;13(3):385. doi: 10.3390/jpm13030385
2. Amini E, Moghaddasi M, Habibi SAH, Azad Z, Miri S, Nilforushan N, Mirshahi R, Cubo E, Mohammadzadeh N, Rohani M. Huntington's disease and neurovascular structure of retina. *Neurol Sci.* 2022 Oct;43(10):5933-5941. doi: 10.1007/s10072-022-06232-3
3. Mestre TA, Bachoud-Lévi AC, Marinus J, Stout JC, Paulsen JS, Como P, Duff K, Sampaio C, Goetz CG, Cubo E, Stebbins GT, Martinez-Martin P; Members of the MDS Committee on Rating Scales Development. Rating scales for cognition in Huntington's disease: Critique and recommendations. *Mov Disord.* 2018 Feb;33(2):187-195. doi: 10.1002/mds.27227
4. Mestre TA, van Duijn E, Davis AM, Bachoud-Lévi AC, Busse M, Anderson KE, Ferreira JJ, Mahlknecht P, Tumas V, Sampaio C, Goetz CG, Cubo E, Stebbins GT, Martinez-Martin P; Members of the MDS Committee on Rating Scales Development. Rating scales for behavioral symptoms in Huntington's disease: Critique and recommendations. *Mov Disord.* 2016 Oct;31(10):1466-1478. doi: 10.1002/mds.26675.
5. Amini E, Rohani M, Habibi SAH, Azad Z, Yazdi N, Cubo E, Hummel T, Jalessi M. Underestimated olfactory domains in Huntington's disease: odour discrimination and threshold. *J Laryngol Otol.* 2024
6. Gil-Polo C, Martínez-Horta SI, Sampedro Santalo F, Martín-Palencia M, Gundín-Menéndez S, Alvarez-Baños P, Maza-Pereg L, Calvo S, Collazo C, Alonso-García E, Riñones-Mena E, Arrabal-Alonso A, Núñez Rodríguez J, Saiz-Rodríguez M, Aguado L, Mariscal N, Muñoz-Siscart I, Piñeiro D, Rivadeneyra J, Díez-Fairen M, Miguel-Pérez I, Cubo E. Association Between Insulin-Like Growth Factor-1 and Social Cognition in Huntington's Disease. *Mov Disord Clin Pract.* 2022 Dec 10;10(2):279-284. doi: 10.1002/mdc3.13613.
7. Saiz-Rodríguez M, Gil-Polo C, Díez-Fairen M, Martínez-Horta SI, Sampedro Santalo F, Calvo S, Alonso-García E, Riñones-Mena E, Aguado L, Mariscal N, Muñoz-Siscart I, Piñeiro D, Rivadeneyra J, Cubo E. Polymorphisms in the oxytocin receptor and their association with apathy and impaired social cognition in Huntington's disease. *Neurol Sci.* 2022 Oct;43(10):6079-6085. doi: 10.1007/s10072-022-06226-1.
8. Srinivasan R, Ben-Pazi H, Dekker M, Cubo E, Bloem B, Moukheiber E, Gonzalez-Santos J, Guttman M. Telemedicine for Hyperkinetic Movement Disorders. *Tremor Other Hyperkinet Mov (N Y).* 2020 Feb 17;10. doi: 10.7916/tohm.v0.698.
9. Cubo E, Martínez-Horta SI, Santalo FS, Descalls AM, Calvo S, Gil-Polo C, Muñoz I, Llano K, Mariscal N, Diaz D, Gutierrez A, Aguado L, Ramos-Arroyo MA; European HD Network. Clinical manifestations of homozygote allele carriers in Huntington disease. *Neurology.* 2019 Apr 30;92(18):e2101-e2108.
10. Cubo E, Ramos-Arroyo MA, Martínez-Horta S, Martínez-Descalls A, Calvo S, Gil-Polo C; European HD Network. Clinical manifestations of intermediate allele carriers in Huntington disease. *Neurology.* 2016 Aug 9;87(6):571-8.
11. Cubo E, Rivadeneyra J, Armesto D, Mariscal N, Martínez A, Camara RJ; Spanish members of the European Huntington Disease Network. Relationship between Nutritional Status and the Severity of Huntington's Disease. A Spanish Multicenter Dietary Intake Study. *J Huntingtons Dis.* 2015;4(1):78-85.
12. Cubo E, Jessica Rivadeneyra, Natividad Mariscal Asunción Martínez, Diana Armesto, Rafael J. Camara, on behalf of the Spanish members of the Euro-HD registry. Factors associated with low body mass index in Huntington's Disease. A Spanish multicenter study of the European Huntington's Disease Registry. Accepted in *Movement Disorders and Clinical practice.*