

# Curriculum Vitae

## **Nourelhoda Ahmed Ahmed Haridy, M.D., Ph.D.**

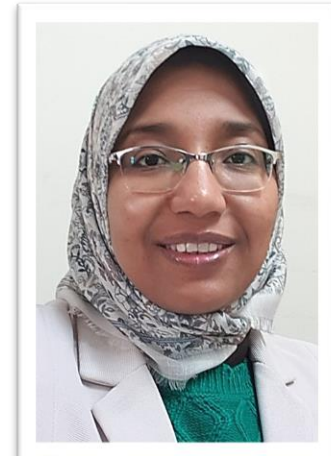
Lecturer of Neurology

Department of Neurology and Psychiatry, Assiut University  
Hospital, Assiut, Egypt, 71515

Phone (Home): +20-88-2156249 | Mobile: +20-1063981139

Email: nourelhodaahmed@aun.edu.eg

ORCID: 0000-0001-6045-3309



### **Research Profiles:**

- ResearchGate: <https://www.researchgate.net/profile/Nourelhoda-Haridy>
- Google Scholar: <https://scholar.google.com.eg/citations?hl=en&user=g4yzlo4AAAAJ>
- Assiut University: <https://www.aun.edu.eg/medicine/nourelhoda-ahmed-ahmed-haridy>
- Neurogenetics UK Alumni: <https://www.neurogenetics.co.uk/alumni>

### **Personal Information**

- Date of Birth: 04 February 1984
- Place of Birth: Assiut, Egypt
- Nationality: Egyptian
- Marital Status: Single

### **Current Position**

- Lecturer of Neurology, Department of Neurology and Psychiatry, Assiut University, Egypt

### **Academic Qualifications**

- M.B.B.Ch degree in medicine & surgery from Assiut University, Faculty of Medicine, signed up “Excellent with honour”, September 2007.
- First part of master’s degree in Neurology and Psychiatry signed up with “Very Good” studying anatomy, physiology, biochemistry, histology, pharmacology, pathology, microbiology, and general surgery, October 2010.

- Master's degree (M.Sc.) in Neurology and Psychiatry from Assiut University, signed up "Very Good," with an essay titled (Neuroepidemiology in clinical practice, October 2012.
- The first part of the Ph.D. degree in Neurology studying Physiology, Neuropathology, pharmacology, genetics, medical statistics, and ethics of research. October 2014.
- Hospital management preparatory Diploma (online) with Oxford Academic University, January 2015.
- Medical doctor degree in neurological disease with a Ph.D. thesis titled (Mutation analysis of Egyptian patients with hereditary peripheral neuropathy, ataxia and spastic paraparesis) (UCL-Assiut university), October 2020.

## **Professional Experience**

- 2007–2008: Internship, Assiut University Hospitals
- 2009–2012: Neurology Resident, Assiut University Hospitals
- 2012–2013: Demonstrator, Department of Neurology
- 2013–2020: Assistant Lecturer and Clinical Fellow
- 2015–2018: Newton-Mosharafa Ph.D. Scholar, Honorary Research Fellow, UCL Institute of Neurology, London, UK
- 01/07/2024-01/11/2024: MDS-AS trainee at the Reta Lila Weston Institute, UCL Institute of Neurology, under the supervision of Professor Thomas Warner
- 2020–Present: Lecturer of Neurology, Assiut University

## **Research Interests**

- Neurogenetics
- Neurodegenerative diseases
- Movement disorders
- Neuromuscular disorders

## **Laboratory Skills (UCL Institute of Neurology during the Newton-Mosharafa joint Ph.D. scholarship)**

- Trained in the Neurogenetics lab in the UCL Institute of Neurology under the supervision of prof/ Henry Houlden and gained several genetic and genomic techniques essential to the investigation of inherited neurologic conditions, including hereditary peripheral neuropathy, ataxia and hereditary spastic paraplegia.
- Worked out several genomic techniques that included: DNA extraction, PCR, Sanger sequencing, Homozygosity mapping, NGS data analysis, and MLPA and fragment analysis for hereditary ataxias and neuropathies

## Professional Memberships

- Egyptian Society of Neurology, Psychiatry and Neurosurgery (ESNPN)
- International Parkinson and Movement Disorder Society

## Conferences and workshops:

### In Egypt:

- Attended many of the Egyptian Congresses of Neurology and Psychiatry (2009- 2015).
- Participated in the workshop (PCR principles and applications) level 1(November 2014) at the molecular biology research unit of Assiut University (MBRU)
- Participated in the workshop (Principles and different applications of DNA sequencing), level 2 (December 2014) at the molecular biology research unit of Assiut University (MBRU)
- Attended Botulinum Toxin- A Skilful Injection Workshop in Kasr Alani annual meeting, Cairo Neuro 2014 (December 2014).
- Attended the Neurogenetics Online School: Organized by IBRO MENA and Mongi Ben Hamida National Institute of Neurology, held on ZOOM on the 10th, 11th, and 12th of December 2020.
- Participated as a speaker in many conferences held in Egypt in 2021, 2022, 2023, 2024, and 2025 in different fields of neurology, including the Egyptian neuromuscular conferences, the Egyptian Parkinson and movement disorders conference, and Neurorehabilitation and Neuroepidemiology conferences.

### In the UK:

- Attended the weekly clinical grand round, seminars, and Neurogenetics clinics (December 2015- December 2018).
- Attended many courses that the University College London held about research fundamentals and statistics.
- Attended the course: Neurology 2016: leading edge neurology for the practicing clinician. From 30<sup>th</sup> March to 1<sup>st</sup> of April 2016, UCL Institute of Neurology, Queen Square, London, UK.
- Attended the Update in Neuromuscular Disorders course, Queen Square, London, from 3-6 May 2016.
- Attended the Update in Neuromuscular Disorders course, Queen Square, London, from 23-26 May 2017.
- Attended the Update in Neuromuscular Disorders course, Queen Square, London, from 22-25 May 2018
- Attended QS Advances in Mitochondrial Medicine 2018, Queen Square WC1N3BG on 05 July 2018.

- Attended Queen Square Multiple Sclerosis (MS) Course - A Clinical Update Held on 45th October 2018 at UCL Institute of Neurology, Queen Square, London.
- Participated in many conferences and presented my joint Ph.D. research work.
  - Participated in the E-Poster Presentation at the “International Conference on Neurology and Brain Disorders” in Valencia, Spain, on June 26-28, 2017.
  - Participated in a poster at the 11th UK Neuromuscular Translational Research Conference, Fitzwilliam College, Cambridge, on Thursday 19 and Fri 20 April 2018.
  - Participated in the 15<sup>th</sup> International Congress on Neuromuscular Diseases ICNMD 2018 Vienna, Austria, 06/07/2018-10/07/2018.
- Attended the fifth UCL Queen Square Motor Neuron Disease Centre Symposium on 6<sup>th</sup> September 2024.
- Attended the 5th Queen Square Movement Disorders Short Course, UCL Queen Square Institute of Neurology, on 10<sup>th</sup> and 11<sup>th</sup> October 2024

## Awards & Grants

- Newton-Mosharafa scholarship: Awarded November 2015
- WFN Junior Travelling Fellowship: Awarded July 2018
- Best poster in the first Egyptian Parkinson's and movement disorders conference 2022.
- Professor Osama Elwan Award for Excellence in Neurology Research-Year 2023: Awarded August 2024
- MDS-AS Visiting Trainee Grant Program (2024): MDS trainee at the Reta Lila Weston Institute, UCL Institute of Neurology, under the supervision of Professor Thomas Warner (01 July 2024- 01 November 2024).

## Editorial & Peer Review Activities

- Editorial Board Member at the BMC Neurology.
- Peer Reviewer at: The Egyptian Journal of Neurology, Psychiatry and Neurosurgery and The Journal of Nervous and Mental Disease.

## Publications:

1. Eman M. Khedr, Martina B. William, Aliaa A. Elhosseiny, Ali Shalash, Gharib Fawi, Mohamed H. Yousef, Shaimaa El-Jaafary, Hamin Lee, Alina Jama, Mohamed Koraym, Asmaa Helmy, Yara Salah, Peter George, **Nourelhoda A. Haridy**, ..... & Mohamed Salama, 2025. APOE genetic variability in an Egyptian cohort of PD. Frontiers in Neuroscience, 23 May 2025; 19.

2. Eman M Khedr, Gellan K Ahmed, Shady Safwat Hassan, Mohamed Nageh Foly, Motez Mahmoud Attia, Ahmed A Karim, **Nourelhoda A Haridy**, 2025. Frequency and risk factors of sleep problems in Egyptian patients with multiple sclerosis. *Frontiers in Neurology*, 2025 Apr 30;16:1563041. doi: 10.3389/fneur.2025.1563041. PMID: 40371079; PMCID: PMC12074942.
3. Bastawy M Al Fawal, Gellan K Ahmed, Ahmed K Ibrahim, Mohamed A Abdelhamed, **Nourelhoda A Haridy**, 2025. Frequency, Risk Factors, Sex Differences, and Predictors of Post-Stroke Depression: A Multicenter Upper Egypt Study. *Aswan University Medical Journal*, 5 (1),102-118.
4. Eman M Khedr, Ahmed Elbassiouny, Mahmoud Nageeb, Ahmed Aly, Khalid O Mohamed, **Nourelhoda A Haridy**, 2025. Outcomes and safety of mechanical thrombectomy, alteplase, and conventional medical care in the treatment of acute M2 segment middle cerebral artery occlusion: a comparative study. *The Egyptian Journal of Neurology, Psychiatry and Neurosurgery* 61 (1), 8
5. Eman M Khedr, **Nourelhoda A Haridy**, Mohammad A Korayem, Ahmed Mamdouh Tawfik, Ahmed A Hamed, 2025. In PD, Non-Invasive Trans-Spinal Magnetic Stimulation Enhances the Effect of Transcranial Magnetic Stimulation on Axial Motor Symptoms: A Double-Blind Randomized Clinical Trial. *Neurorehabilitation and Neural Repair*, 39 (2), 126-137
6. Daniel G Calame, Jovi Huixin Wong, Puravi Panda, Dat Tuan Nguyen, Nancy CP Leong, Riccardo Sangermano, Sohil G Patankar, Mohamed S Abdel-Hamid, Lama AlAbdi, Sylvia Safwat, Kyle P Flannery, Zain Dardas, Jawid M Fatih, Chaya Murali, Varun Kannan, Timothy E Lotze, Isabella Herman, Farah Ammouri, Brianna Rezich, Stephanie Efthymiou, Shahryar Alavi, David Murphy, Zahra Firoozfar, Mahya Ebrahimi Nasab, Amir Bahreini, Majid Ghasemi, **Nourelhoda A Haridy**, ..... & Long N Nguyen, 2025. Biallelic variation in the choline and ethanolamine transporter FLVCR1 underlies a severe developmental disorder spectrum. *Genetics in Medicine*, 27 (1), 101273
7. Marwa Y Badr, Reham A Amer, Hend M Aref, Rehab M Salem, Heba A Elmokadem, **Nourelhoda A Haridy**, Eman M Khedr, 2024. Effects of transcranial magnetic stimulation on sleep quality in fibromyalgia: A double-blind randomized clinical trial. *Sleep Medicine*, 124, 354-361
8. Jai Sidpra, Sniya Sudhakar, Asthik Biswas, Flavia Massey, Valentina Turchetti, Tracy Lau, Edward Cook, Javeria Raza Alvi, Hasnaa M Elbendary, Jerry L Jewell, Antonella Riva, Alessandro Orsini, Aglaia Vignoli, Zara Federico, Jessica Rosenblum, An-Sofie Schoonjans, Matthias de Wachter, Ignacio Delgado Alvarez, Ana Felipe-Rucián, **Nourelhoda A Haridy**, ..... & Kshitij Mankad, 2024. The clinical and genetic spectrum of inherited glycosylphosphatidylinositol deficiency disorders. *Brain*, awae056.
9. Eman M. Khedr, Gellan K. Ahmed, Mohammad Ahmad Korayem, Sara Ahmed Salah Hussain Elamary, Maha M. El-kholy, and **Nourelhoda A. Haridy**, 2024. Short-Term Therapeutic Effect of Repetitive Transcranial Magnetic Stimulations of Sleep Disorders in Parkinson's Disease: A Randomized Clinical Trial (Pilot Study). *Brain Sciences*, 14(6), p.556.

10. Eman M Khedr, Noha Abo-Elfetoh, Asmaa M Hasan, Ahmed Nasreldein, **Nourelhoda A Haridy**, 2024 The impact of sex differences on stroke risk factors and 3-month outcomes in patients receiving thrombolytic therapy for acute ischemic stroke. The Egyptian Journal of Neurology, Psychiatry and Neurosurgery 60 (1), 126
11. Bastawy M Al Fawal, Gellan K Ahmed, Ahmed K Ibrahim, Mohamed A Abdelhamed, **Nourelhoda A Haridy**, 2024. Prevalence and determinants of post-stroke psychosis in Aswan: a prospective study. The Egyptian Journal of Neurology, Psychiatry and Neurosurgery 60 (1), 86
12. Ahmed GK, Karim AA, Khedr EM, Elbeh K, Moheb A, Abokresha M, **Nourelhoda A Haridy**, 2024. Case Report: Avoidant/restrictive food intake disorder after tonsillectomy. Frontiers in Psychiatry, 15:1351056.
13. Bastawy M Al Fawal, Eman M Khedr, **Nourelhoda A Haridy**, Abdelrahman S Elsoghier, Mohamed Nemr Othman, Ahmed Abdelwarith, 2024. Impact of COVID-19 Pandemic on Patients with Tension-Type Headache. Aswan University Medical Journal.
14. Bastawy M Al Fawal, Eman M Khedr, **Nourelhoda A Haridy**, Abdelrahman S Elsoghier, Mohamed Nemr Othman, Ahmed Abdelwarith, 2024. Impact of COVID-19 Pandemic on Patients with Tension-Type Headache. Aswan University Medical Journal
15. Shahera Sayed Ahmed Abd El Maged, Khalid O Mohamed, Hassan M Farweez, **Nourelhoda A Haridy**, 2024. Determining Optimal Cut-Off Value For Ultrasound-Measured Median Nerve Cross-Sectional Area For Diagnosis Of Carpal Tunnel Syndrome In A Sample Of Egyptian Population. Journal of Current Medical Research and Practice, 9(2):9-18.
16. Gellan K Ahmed, Haidi Karam-Allah Ramadan, Khaled Elbeh, **Nourelhoda A Haridy**, 2024. The role of infections and inflammation in schizophrenia: review of the evidence. Middle East Current Psychiatry, 31(1):9.
17. Gellan K Ahmed, Haidi Karam-Allah Ramadan, Khaled Elbeh, **Nourelhoda A Haridy**, 2024. Bridging the gap: associations between gut microbiota and psychiatric disorders. Middle East Current Psychiatry, 31(1):2.
18. **Nourelhoda A Haridy**, Mohamed M Shehab, Eman M Khedr, 2023. Long-term outcomes of plasma exchange versus intravenous immunoglobulin for the treatment of Guillain-Barré Syndrome: A double-blind, randomized clinical trial. Restorative Neurology and Neuroscience.
19. Eman M Khedr, Doaa M Mahmoud, Gellan K Ahmed, **Nourelhoda A Haridy**, 2023. Predictors of long-term health-related quality of life in Guillain-Barré syndrome: A hospital-based study. Clinical Neurology and Neurosurgery, 235:108026.

20. Shady Safwat Hassan, Esam S Darwish, Gellan K Ahmed, Samah R Azmy, **Nourelhoda A Haridy**, 2023. "Relationship between disability and psychiatric outcome in multiple sclerosis patients and its determinants". *The Egyptian Journal of Neurology, Psychiatry and Neurosurgery* 59:105.
21. **Haridy, Nourelhoda A**, Eman M Khedr, Asmaa M Hasan, Ahmed A Maghraby, Essam Abdelmohsen, and Abdelhamid M Aly. 2023. "Myasthenia Gravis with Achalasia Secondary to Thymoma: A Case Report and Literature Review." *The Egyptian Journal of Neurology, Psychiatry and Neurosurgery* 59 (1): 34.
22. Ahmed, Gellan K., Alaa M. Darwish, Hossam Khalifa, and **Nourelhoda A. Haridy**. 2022. "Relationship between Attention Deficit Hyperactivity Disorder and Epilepsy: A Literature Review." *Egyptian Journal of Neurology, Psychiatry and Neurosurgery* 58(1).
23. Hamed, Rasha, Eman M. Khedr, **Nourelhoda A. Haridy**, Khaled O. Mohamed, and Saeid Elsayy. 2022. "Effects of Transcranial Direct Current Stimulation in Pain and Opioid Consumption after Spine Surgery." *European Journal of Pain (United Kingdom)* 26(7):1594– 1604.
24. Wiessner, Manuela, Reza Maroofian, Meng-Yuan Ni, Andrea Pedroni, Juliane S. Müller, Rolf Stucka, Christian Beetz, Stephanie Efthymiou, Filippo M. Santorelli, Ahmed A. Alfares, Changlian Zhu, Anna Uhrova Meszarosova, Elham Alehabib, Somayeh Bakhtiari, Andreas R. Janecke, Maria Gabriela Otero, Jin Yun Helen Chen, James T. Peterson, Tim M. Strom, Peter De Jonghe, Tine Deconinck, Willem De Ridder, Jonathan De Winter, Rossella Pasquariello, Ivana Ricca, Majid Alfadhel, Bart P. van de Warrenburg, Ruben Portier, Carsten Bergmann, Saghar Ghasemi Firouzabadi, Sheng Chih Jin, Kaya Bilguvar, Sherifa Hamed, Mohammed Abdelhameed, **Nourelhoda A. Haridy**, et al. 2021. "Biallelic Variants in HPDL Cause Pure and Complicated Hereditary Spastic Paraplegia." *Brain* 144(5):1422–34.
25. Cortese, Andrea, Yi Zhu, Adriana P. Rebelo, Sara Negri, Steve Courel, Lisa Abreu, Chelsea J. Bacon, Yunhong Bai, Dana M. Bis-Brewer, Enrico Bugiardini, Elena Buglo, Matt C. Danzi, Shawna M. E. Feely, Alkyoni Athanasiou-Fragkouli, **Nourelhoda A. Haridy**, Aixa Rodriguez, Alexa Bacha, Ashley Kosikowski, Beth Wood, Brett McCray, Brianna Blume, Carly Siskind, et al. 2020. "Author Correction: Biallelic Mutations in SORD Cause a Common and Potentially Treatable Hereditary Neuropathy with Implications for Diabetes. *Nature Genetics*, 52(6):640.
26. Chelban, V., M. Alsagob, K. Kloth, A. Chirita-Emandi, J. Vandrovцова, R. Maroofian, I. Davagnanam, S. Bakhtiari, M. D. AlSayed, Z. Rahbeeni, H. AlZaidan, N. T. Malintan, J. Johannsen, S. Efthymiou, E. Ghayoor Karimiani, K. Mankad, S. A. Al-Shahrani, M. Beiraghi Toosi, M. AlShammari, S. Groppa, **N. A. Haridy**, et al. 2020. "Genetic and Phenotypic Characterization of NKX6-2-Related Spastic Ataxia and Hypomyelination." *European Journal of Neurology* 27(2):334–42.
27. Chelban, Viorica, Matthew P. Wilson, Jodi Warman Chardon, Jana Vandrovцова, M. Natalia Zanetti, Eleni Zamba-Papanicolaou, Stephanie Efthymiou, Simon Pope, Maria

- R. Conte, Giancarlo Abis, Yo Tsen Liu, Eloise Tribollet, **Nourelhoda Haridy**, Juan A. Botía, Mina Ryten, Paschalis Nicolaou, Anna Minaidou, Kyproula Christodoulou, Kristin D. Kernohan, et al. 2019. "PDXK Mutations Cause Polyneuropathy Responsive to Pyridoxal 5'-Phosphate Supplementation." *Annals of Neurology* 86(2):225–40.
28. Chelban, Viorica, Martina Bocchetta, Sara Hassanein, **Nourelhoda A. Haridy**, Henry Houlden, and Jonathan D. Rohrer. 2019. "An Update on Advances in Magnetic Resonance Imaging of Multiple System Atrophy." *Journal of Neurology* 266(4):1036–45.
  29. Chelban, Viorica, Sarah Wiethoff, Bjørn K. Fabian-Jessing, **Nourelhoda A. Haridy**, Alaa Khan, Stephanie Efthymiou, Esther B. E. Becker, Emer O'Connor, Joshua Hersheson, Katrina Newland, Allan Thomas Hojland, Pernille A. Gregersen, Suzanne G. Lindquist, Michael B. Petersen, Jørgen E. Nielsen, Michael Nielsen, Nicholas W. Wood, Paola Giunti, and Henry Houlden. 2018. "Genotype-Phenotype Correlations, Dystonia and Disease Progression in Spinocerebellar Ataxia Type 14." *Movement Disorders* 33(7):1119–29.
  30. **Haridy, Nourelhoda A.**, Viorica Chelban, Jana Vandrovcova, Mohamed A. Abd El-Hamed Stephanie Efthymiou, Sherifa A. Hamed, and Henry Houlden. 2018. "Clinical and Genetic Analysis of Egyptian Hereditary Spastic Paraplegia Using next Generation Sequencing." *Neuromuscular Disorder* 28S1 (2018) S5–S42
  31. **Haridy, Nourelhoda A.**, Jana Vandrovcova, Mohamed A. Abd El-Hamed, Sherifa A. Hamed, and Henry Houlden. 2018. "Clinical and Genetic Analysis of Hereditary Peripheral Neuropathy in Egyptian Population. 15th International Congress on Neuromuscular Diseases, July 6 - 10, 2018 Vienna, Austria." *Journal of Neuromuscular Diseases* 5(s1):S1–408.
  32. Wiethoff, Sarah, Emer O'Connor, **Nourelhoda A. Haridy**, Suran Nethisinghe, Nicholas Wood, Paola Giunti, Conceição Bettencourt, and Henry Houlden. 2018. "Sequencing Analysis of the SCA6 CAG Expansion Excludes an Influence of Repeat Interruptions on Disease Onset." *Journal of Neurology, Neurosurgery & Psychiatry* 0(0):1–2.
  33. Kara, Eleanna, Arianna Tucci, Claudia Manzoni, David S. Lynch, Marilena Elpidorou, Conceicao Bettencourt, Viorica Chelban, Andreea Manole, Sherifa A. Hamed, **Nourelhoda A. Haridy**, Monica Federoff, Elisavet Preza, Deborah Hughes, et al. 2016. "Genetic and Phenotypic Characterization of Complex Hereditary Spastic Paraplegia." *Brain* 139(7):1904–18.
  34. Manole, Andreea, Viorica Chelban, **Nourelhoda A. Haridy**, Sherifa A. Hamed, Andrés Berardo, Mary M. Reilly, and Henry Houlden. 2016. "Severe Axonal Neuropathy Is a Late Manifestation of SPG11." *Journal of Neurology* 263(11):2278–86.