



IRISH NEUROLOGICAL ASSOCIATION

61st Annual Meeting
May 15 – 16th 2025

President: Dr. Helena Moore

PROGRAMME

THURSDAY 15th May

08.00 - 08.45 *Arrival and Registration.*
Tea and Coffee

08.45 Opening and Welcome Irish Neurological Association Meeting 2025
Dr. Helena Moore, INA President.

SESSION I – Platform Presentations Epilepsy / Neurophysiology Chair: Prof. Norman Delanty		
09.00		Update on Treatment of Epilepsy Prof. Norman Delanty
01	09.11	Trends in Prescription of Anti-Seizure Medications (ASMs) Over Time: Insights from National Epilepsy Patients Records. Ali M, Lewis-Smith D, El-Naggar H, Delanty N.
02	09.22	Evaluating EMR Utility in Monitoring Compliance with EMA and HPRA Restrictions on Topiramate and Valproate. Matthews M, Hassan A.
03	09.33	Adult Diagnosed Dravet Syndrome: Challenges and Opportunities Dudley A, Pena-Ceballos J, El-Naggar H, Moloney P, Delanty N.
04	09.44	When sequence and genetics collide - an unusual KCNQ2 story. Leite C, Maloney E, McSweeney N, O'Connell L.
05	09.55	Non-convulsive status epilepticus in idiopathic generalised epilepsy: a case series. Peña-Ceballos J, Moloney PB, Kilbride RD, Widdess-Walsh P, Delanty N, McNicholas N.
06	10.06	Transcriptomic profiling of stereo-electroencephalography electrodes reveals insights into the local molecular microenvironment and epileptiform activity. Larkin J, Kumar Dwivedi A, Mahesh A, Sweeney KJ, O'Brien DF, Tiwari V, Henshall DC, Widdess-Walsh P.
07	10.17	Integrated Care Pathway (ICP) for seizures presenting to Emergency department of St. James's Hospital. Ern Tan H, Hong Yong T, Doran E.
08	10.28	Continuous 18 - Channel EEG on Management of New Onset Refractory Status Epilepticus. Ferreira P, McNamara B, Dineen J, Merwick A.
09	10.39	Epilepsy and Women's Health – Practice review in our regional epilepsy service. Sheehan J, Hartigan S, Doran E.
010	10.50	Blood-brain-barrier evaluation of patients with highly refractory, highly active focal epilepsy before and after high-dose intravenous methylprednisolone. Kelly A, Walsh R, Beh Campbell M, Doherty CP, Doran E.

11.05 - 11.30 *Tea and Coffee*

SESSION II– Platform Presentations Neuroinflammation / Multiple Sclerosis Chair: Dr. Lisa Costelloe		
11.30		Update on Neuroinflammatory Disease Treatment Dr. Lisa Costelloe
O11	11.41	Unclassified Synaptic Autoantibodies: Characterization & Validation of 13 Novel antigens. Gilligan M, Mills JR, Vargas P, Parmasivan N, Lesnick CE, Basal E PhD, LaFrance Corey R, Dasari S, Lennon VA, Zekeridou A, Pittock SJ, Dubey D, McKeon A.
O12	11.52	Disease Modifying Therapies and Disease Activity in Pregnant Women with Multiple Sclerosis. Mulkerrin G, Seery M, McGuigan C.
O13	12.03	Service evaluation of Ocrelizumab in Multiple Sclerosis in Tallaght University Hospital. Qaiser F, O’Connell K, McCarthy A, Murphy SM, Barbeito Y, Murphy O, Macken N, McCarry Y, Sylvester S.
O14	12.14	Capturing what matters: Patient-reported LGI1-ANTibodyencephalitis outcome RatiNg scale (LANTERN). Kelly MJ, Wagner B, Ceronie B, Strippel C, Yee Lin A, Handel A, Soltys J, Binks S, Powell PA, Irani SR.
O15	12.25	Overcoming the Opacity of Capacity: Ethical and Legal Challenges in Treatment of a Case of Anti-GAD Autoimmune Encephalitis. Ibrahim Y, McGettigan J, Mustafa R, Ryan E, O’Brien C, Abdulrahman M, Hassan A, Corby C, Yacoob Y, Iyer P.
O16	12.36	Longitudinal analysis of Physical, Speech and Cognitive Markers of Progression in Multiple Sclerosis. Reynolds A, Yap SM, Lynch H, Costello L, O’Keeffe C, O’Keeffe F, Casey S, Reilly R, McGuigan C.

13.00 - 14.00 Lunch

SESSION III –Poster Viewing Session Expert led poster tours.		
Poster Section	Specialist Area	Guided Tour Time
A	Epilepsy and Neurophysiology	Thursday 14.00
B	Neuroinflammation / Multiple Sclerosis	Thursday 14.00
C	Headache	Thursday 14.15
D	Neuropathology and Neurosurgery	Thursday 14.15
E	Neuromuscular	Friday 10.30
F	Neurogenetics	Friday 10.30
G	Movement Disorder	Friday 10.45
H	General Interest	Friday 10.45

SESSION IV –Platform Presentations Neuromuscular Chair: Prof. Sinead Murphy		
14.30		Update on Neuromuscular Disease Prof. Sinead Murphy
017	14.41	Characteristics of an Irish primary mitochondrial disease cohort attending the National Centre for Inherited Metabolic Disorders. Field RH, Carroll C, Sheerin A, Shakerdi L, O’Byrne JJ.
018	14.52	Mitochondrial Trifunctional Protein Deficiency Due To HADHA Variants Masquerading As Charcot-Marie-Tooth Disease. Qaiser F, McHugh J, Mullins G, Farrell M, Shakerdi L, O’Byrne J, M Murphy SM.
019	15.03	Experiences of Irish Expert Network on Hereditary Transthyretin Amyloidosis: A Cohort Study on Patterns of Clinical Features and Therapeutic Strategies Kalaszi M, Al Abri A, Alexander M, Samuel S, Dasan B, Joyce E, Murphy SM
020	15.14	Dynamic modelling of the ALSFRS-R: Leveraging population-based scores using neural networks. McFarlane R, Ross R, Chiò A, Corcia P, Ingre C, McDermott C, Povedano Panadés M, Shaw P, van Damme P, van den Berg L, Al-Chalabi A, Walsh C, Hardiman O.
021	15.25	Neurology trainees’ attitudes and experience of genetic testing in Ireland. Bradley M, Donlon E, Fearon C, Moloney P.
022	15.36	Clinical Trajectories of Genetic Variants in ALS: A European Observational Study within PRECISION-ALS. McFarlane R, Opie-Martin S, Caravaca Puchades A, Chiò A, Corcia P, Galvin M, Heverin M, Hobin F, Holmdahl O, Ingre C, Lamaire N, Mac Domhnaill É, Manera U, McDermott C, McDonough H, Mouzouri M, Ombelet F, Povedano Panadés M, Sennfält S, Shaw P, Terrafeta Pastor C, Veldink J, van Damme P, van den Berg L, van Eijk R, Vasta R, Weemering D, Al-Chalabi A, Hardiman O.

15.50 Tea and Coffee

SESSION V – Irish Neurological Association Business Meeting Chair: Dr. Helena Moore	
16.15-16.45	Irish Neurological Association Business Meeting Members Only

17.00 Neurological Trainee Session

19.00 *Drinks Reception and INA Dinner*
Rose Hotel

FRIDAY 16th May

Pfizer Sponsored Symposium Chair: Dr. Martin Rutledge Guest Speaker: Dr Stewart Tepper	
08.00	“Rimegepant: A Dual Approach to Managing Migraine—Acute Treatment and Episodic Migraine Prevention”.

08.45 – 09.00 *Registration, Tea and Coffee*

SESSION VI – Platform Presentations Neuropathology /Neurosurgery Chair: Mr. John Caird		
09.00		Update on Neurosurgery Mr. John Caird
023	09.11	Retrospective Neuropathologic analysis of Adult Spinal Tumours in a Single Neuro-science Centre 2018-2023. O'Donoghue C, Howley R, Beausang A, Cryan J, Farrell M, Heffernan J, Heaney C, Kernan N, Lang-Orsini M, Power A, Patel P, Brett F.
024	09.22	A Series of Unfortunate and Uncommon Events: Discussing Unusual Bithalamic Infarction with Artery of Percheron Secondary to Traumatic Vertebral Dissection following a Cycling Accident. Belisha YW, MacNally S.
025	09.33	Ventriculopleural shunt --- A Good Second Line Option in the Management of Complex Hydrocephalus. Li H, Caird J.
026	09.44	How has the WHO CNS tumour classification of 2021 impacted neuropathology glioma practice? O'Donoghue C, Howley R, Power A, Beausang A, Lang Orsini M, Farrell M, Heffernan J, Heaney C, Kernan N, Patel P, Brett F.
027	09.55	A clinicopathological study of the clinical diagnosis of progressive supranuclear palsy. Wrigley S, Cullinane PW, Bezerra Parmera J, Maia Arca V, Sifontes Valladares W, Rivera Sanchez M, Curless T, Paras Chajed L, Burrows M, Revesz T, Morris HR, Jaunmuktane Z, Warner TT, de Pablo-Fernández E.
028	10.06	An interesting chromosomal business: Who Wins and Who loses, X or Y. Kadam P, Kaliaperumal C.
029	10.17	Prevalence, predictors and prognosis of recently symptomatic vertebral artery stenosis in patients with posterior circulation TIA or stroke Monaghan B, Hurford R, Giles JA, Luengo-Fernandez R, Kuker W, Rothwell PM.

SESSION VII –Poster Viewing Session Expert Led Poster Tours		
Posters	Specialist Area	Guided Tour Time
A	Epilepsy and Neurophysiology	Thursday 14.00
B	Neuroinflammation / Multiple Sclerosis	Thursday 14.00
C	Headache	Thursday 14.15
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H	General Interest	Friday 10.45

11.00 Tea, Coffee

SESSION VIII – Noel Callaghan Guest Lecture Chair: Dr. Helena Moore	
11.30	Prof. Geraldine McGinty, Professor of Clinical Radiology and Population, Weill Cornell Medical School. <i>‘An Inclusive Future for Healthcare: Provider driven, Patient powered, AI enabled’</i>

12.30 – 13.30 Lunch

SESSION IX - Platform Presentations Movement Disorders. Chair: Dr. Grace Crotty		
13.30		Update in Movement Disorder Treatment Dr. Grace Crotty
030	13.41	Continuous Subcutaneous Infusion of Foslevadopa/Foscarbidopa) for people with advanced Parkinson's disease: a real world single-centre experience. Coran M, Bradley M, Inocentes J, Ruggieri F, O'Keefe C, Lynch T, Walsh T, Fearon C.
031	13.52	Subcutaneous Continuous Dopaminergic Stimulation: Exploring the impact of Foslevodopa/Foscarbidopa on Gait in Parkinson's disease. O'Keefe C, Inocentes J, Bradley M, Gallagher A, Ruggieri F, Walsh R, Lynch T, Reilly R, Fearon C.
032	14.03	Successful rescue of severe cervical dystonia by electrophysiologic mapping to optimize botulinum neurotoxin treatment in Ireland. Tse T, Molloy F, McGovern E, Whelehan A, Hassan A.
033	14.14	Neural markers of abnormal sensory processing in Cervical Dystonia: a novel combined neurobehavioural-neurophysiological task. Miyauchi K, Killian O, Gill A, Rafee S, Fearon C, Williams L, O'Riordan S, Reilly RB.
034	14.25	Oculomotor differences in PARK2 PD: a study of structured and unstructured eye movements in an Irish genetic cohort. Gallagher A, O'Keefe C, Inocentes J, Bradley M, Donlon E, Coe B, White B, Walsh R, Lynch T, Reilly R, Munoz DP, Fearon C.
035	14.36	Probing Social Cognition and Emotional Facial Expression Recognition in Cervical Dystonia through Integration of EEG and Eye-Tracking. Clarke DD, Georgiadou V, Inocentes J, O'Keefe C, Gallagher A, Rafee S, Killian O, Williams L, O'Riordan S, Hutchinson M, Reilly R, Fearon C.

14.45 *Tea and Coffee*

15.00 Announcement and Presentation of Awards
Dr. Helena Moore

15.30 Close of Meeting and departure

Poster Categories

- A. Epilepsy and Neurophysiology**
- B. Neuroinflammation and Multiple Sclerosis**
- C. Headache**
- D. Neuropathology and Neurosurgery**
- E. Neuromuscular**
- F. Neurogenetics**
- G. Movement Disorder**
- H. General Interest**

A. Epilepsy / Neurophysiology

- A1. Evaluation of Genetic Variants in Epilepsy Patients Undergoing VNS Therapy.
Fatima SS, D’Vatz P, Gough A, Ferguson D, Doran E.
- A2. 'Brain on FIRES'.
Slamon N, Lonergan S, Parkinson D, Hayes L, Fearon C, Smyth S, Maloney P, Kilbride R, Reid V, Williams J.
- A3. Nightmares & Night terrors vs Sleep Related Hypermotor Epilepsy (SHE).
Freitas B, Troy E, Costello D, McNamara B, Maloney E.
- A4. Efficacy and safety of adjunctive cenobamate in monogenic epilepsies and epilepsies with chromosomal abnormalities.
Choekyi T, Pena Ceballos J, Colleran N, Moloney PB, El-Naggar H, Widdess Walsh P, Delanty N.
- A5. Experience and opinions regarding therapeutic drug monitoring in Irish epilepsy care: a patient perspective survey.
Kelly A, Doran E, Doherty CP.
- A6. Point of care Lamotrigine monitoring in epilepsy: A Pilot Study Using a Carbon Screen-Printed Electrode.
Kelly A, Sakthinathan I, Forster R, Doherty CP.
- A7. A Case of Refractory Epilepsy Exhibiting both Generalised and Focal Clinical Manifestations, Along with Corresponding EEG and MRI Findings.
Shanmuganathan S, Periyasamy S, Troy E, Daly M, O’Connor G, Maloney E.
- A8. Introduction of a pilot seizure pathway in Tallaght University Hospital.
Waqar S, Qaiser F, Breen A, Alexander M, Walsh J, Ward P, Barbeito YI, Murphy SM.
- A9. Setting up a Valproate MDT: The Experience of the Northern Ireland Regional Epilepsy Service.
Philson E, Campbell E, Craig J, Hunt S, Kinney M, McKenna P, McStravick C.

B. Neuroinflammation / Multiple Sclerosis

- B1. An audit of the education given to patients with multiple sclerosis regarding smoking cessation.
Crowley F, Hamilton T, Kearney H.
- B2. A case of MOG antibody-related combined central and peripheral demyelination.
Dolan E, O'Toole O.
- B3. Seronegative bilateral inflammatory optic neuropathy associated with small cell lung cancer.
McGarry J.
- B4. Case Report on CANDAs.
Sarwar Z, Smyth S, Loughman P, Llamas Osorio Y.
- B5. Adult onset Opsoclonus Myoclonus Ataxia Syndrome: A Case Report.
Kennelly L, Dzulkarnain M, Mavridis T.
- B6. Paraneoplastic Syndrome or the blunting of Occam's Razor? A case of concurrent Stiff Person syndrome and Multiple Myeloma.
McNulty C, McGettigan J, McEllistrim C, Casserly L, Boers P.
- B7. Paraneoplastic MOG Antibody Disease Due to Breast Carcinoma.
Leunbach J, Rafee S, McGarry J, Kinsella J.
- B8. Assessment of Lymphopenia in Patients with Multiple Sclerosis on Fingolimod: An Audit.
Motamedgorji N.
- B9. Survey of Treatment Approaches in RRMS in Ireland: Escalation versus High Efficacy Early.
Kelly P, Lonergan R, O'hUallachain N.

C. Headache

- C1. A Pain to Count: Use of Migraine Diaries in Clinic.
Collins M, Hutchinson S.
- C2. Effective Management of Post-traumatic Great Auricular Neuralgia with Nerve Block Injections: A Case Report.
Kennelly L, Brennan D, Kalaszi M, Ivanovic-Barbeito Y.
- C3. Pearls on a Pearl Anniversary: The End of a 30-year headache due to Hemicrania Continua.
McNulty C, McGettigan J, Boers P.
- C4. An audit of reported MRI findings in idiopathic intracranial hypertension.
Brennan D, Odidison J, Healy, K, Tutty Bardon, C, Rahman, A, Tariq Shah, Walsh J, Buckley, O, Bogdanova-Mihaylova P.
- C5. Complementary and alternative medicine (CAM) use amongst patients attending a headache clinic.
Chapman LJ, O'Sullivan S.
- C6. Idiopathic Intracranial Hypertension: an audit of practice in St. James's Hospital.
McDermott R, Tacheva A, Gaffar M, Zermansky L, Nevin T, Hutchinson S, Ferguson D.

D. Neuropathology and Neurosurgery.

- D1. Acute Rhabdomyolysis with Sarcoplasmic Vacuolar Change – Don't blame the Statins.
Power A, Elshiekh A, Silke C, Walsh K, Farrell M.
- D2. Central Nervous System Histiocytosis, A Diagnostic Conundrum.
Tacheva A, Costelloe L, Lang-Orsini M, Brett F.
- D3. GDP-mannose pyrophosphorylase B-associated Dystroglycanopathy.
Sweeney C, Kindler H, McNamara B, Bermingham N, Sweeney B.
- D4. Myeloneuropathy with persistent hyperhomocysteinaemia.
Philson E, Murray E, Stokes V, Kearney S.
- D5. Copper Deficiency Myelopathy Secondary to Gastro-jejunal Bypass Surgery.
Crowley F, Bauer-Dowling C, Laffan A, Meaney J.
- D6. Altered Expression of Endoplasmic Reticulum Stress and Oxidative Stress Proteins in PBMCs from a Multiple Sclerosis Cohort
Shapoori S, Castelli B, McMahon J, FitzGerald U.
- D7. Chronic Progressive Myelopathy Secondary to a Cervical Nerve Sheath Tumour: A Case Report.
Helmi M, Dolan E, Weil M, Jansen M, O'Toole O.

E. Neuromuscular

- E1. Mismatch Negativity in Irish Individuals with ALS and a Strong Neuropsychiatric Family History.
O'Donoghue C, Suleyman N, Woods E, Troy A, Dukic S, Nash L, Plaitano S, Metzger M, Broderick M, Giglia ER, Buxo T, Heverin M, Nasserolelami B, Hardiman O, McMackin R.
- E2. Pilot Study Of Sudoscan Utility In Hereditary Transthyretin Amyloidosis
Kalaszi M, Gorman C, Alexander M, Al Abri A, Samuel S, JoyceE, Murphy SM.
- E3. AL Amyloidosis presenting as acute Motor-Sensory Axonal Neuropathy (AMSAN): Rare presentation with Partial IVIG response.
Al Abri A, Brennan D, Grainger R, Lang-Orsini M, Alexander M, Murphy SM, O'Connor A.
- E4. Diminished Distal Finger Creases as a Diagnostic Clue for Inclusion Body Myositis.
Ryan M, Ryan A.
- E5. Acute carpal tunnel syndrome with positive anti-ganglioside antibodies.
Ryan M, McNamara B, Ryan A.

F. Neurogenetics

- F1. Genetic characterisation of Irish people with ALS with strong neuropsychiatric family history.
O'Donoghue C, Kaçar E, Gomes T, Costello E, Pender P, Peelo C, Kiyu K, Ryan M, Heverin M, McLaughlin R, Hardiman O, Byrne RP.
- F2. An Irish family presenting with a movement disorder phenotype due to a novel mitochondrial tRNA gene variant m.5542C>T MT-TW.
Field RH, Carroll C, Sheerin A, Bermingham N, Fearon C, Cronin S, O'Byrne JJ.
- F3. Ataxia and Acyl-CoA Binding Domain Containing 5 (ACBD5) in Autosomal Recessive.
O'Connor E, Sullivan R, Maroofian R, ACBD consortium, Lynch D, Houlden H.
- F4. An Audit on the Use of Genetic Testing in a Neurology Led Cognitive Clinic.
Kehoe C, Garcia-Gallardo A, Hutchinson S.
- F5. Phenotype First: Overcoming Genetic Testing Limitations in the Diagnosis of PLEC1-related Congenital Myasthenic Syndrome.
Jose A, Azily AJ, McKenna C, McMacken G, McConville J.
- F6. 'The Chicken or the Egg': A Case of Seizures with Hyponatraemia in MELAS.
Hayes A, O'Donnell MM, Llamas-Osorio Y, Fearon C.

G. Movement Disorder

- G1. Parkinson's Disease Dogs to assist Gait Impairment: A Pilot study of Patient Experience and Outcomes.
Gallagher A, O'Keeffe C, Inocentes J, Liegey J, Dowler J, Fearon C, Lynch T.
- G2. Quality of Life Prognostic Factors in Individuals with Parkinson's Disease: A Multicenter Case-Control Analysis.
Motamedgorji N.
- G3. Multiscale Entropy: a New Oculomotor measure of PSP.
O'Keeffe C, Gallagher A, Inocentes J, Coe C, White B, Brien D, Munoz D, Walsh R, Lynch T, Fearon C.
- G4. Evaluation of effects of levodopa and Subthalamic Nucleus stimulation (STN-DBS) on gait using Kinesis Quantified Timed Up and Go (QTUG™) in people with Parkinson's Disease (PD).
Reynolds E, Ruggieri F, O'Keeffe C, Inocentes J, Kelly M, Garvey M, Austin N, Donlon E, Fearon C, Moran C, Walsh R.
- G5. Crying out to be heard: An immune-mediated mimic of Multiple Systems Atrophy.
Ryan E, McGettigan J, Mustafa R, Chael O'Brien C, Abdulrahman M, Hassan A, Chaila E.

H. General Interest

- H1. Measles Inclusion Body Encephalitis in an Immunocompromised Patient: A Rare Manifestation of a Resurgent Virus.
O'Connor E, Davies N.
- H2. Acute and fatal presentation of Myotonic Dystrophy precipitated by thyrotoxicosis.
Qaiser F, Redmond A, McGowan A, Alexander M, Kelly Y, Walsh R.
- H3. An Eye-Opening Tale: A Case of Intraocular Lymphoma.
O'Donnell MM, McAnena L, Llamas-Orsorio Y.
- H4. "Moth eaten" alopecia as a clinical clue to syphilitic meningitis
Wall AK, Ryan M, Cronin S.
- H5. Post-Ventriculoperitoneal Shunt Meningitis with Intraventricular Fat Globules: A Case Report with Emphasis on Diagnostic Imaging.
Habiballa R, McGettigan J, Yacoob Y.
- H6. Post-Partum Aseptic Meningoencephalitis causing Klüver-Bucy syndrome and Foix-Chavany-Marie Syndrome.
McGettigan J, Yacoob Y.
- H7. Neurologists' perspectives of cannabis-based medicines: results from an all-Ireland survey.
Savio M, Kearney H, Downer EJ.
- H8. Successful treatment with highly-purified cannabidiol in Down syndrome-related epilepsy.
Peña-Ceballos J, Dudley A, Moloney PB, Delanty N.
- H9. Validity and reliability of the Neuro-Combined Measure (NCM) in Irish Medical Students.
McElligott L, Gillan D, McElvaney, NG, Delanty N, Byrne S, Cahir C, McGovern E.
- H10. ANSWER: a multi-modal teaching intervention for Neurology Undergraduate Medical Education: A Randomized Cross-Over Control Trial.
McElligott L, Spooner M, Cahir C, Gillan D, Mulkerrin G, Adnan H, Byrne S, Delanty N, Flood J, Hevican C, Hill ADK, McElvaney NG, McGovern E.