IRISH NEUROLOGICAL ASSOCIATION

52\textsuperscript{nd} Annual Meeting
5\textsuperscript{th} and 6\textsuperscript{th} May 2016

Strand Hotel, Limerick.

President: Dr. Peter Boers
THURSDAY 5TH MAY 2016

11.00 Registration
12.00 Lunch
12.45 Opening and Welcome

SESSION 1 – Platform Presentations

| O5  | 13.52 | Blood Pressure Trends during Mid to Late Life and Risk of Dementia McGrath ER, Beiser AS, Dufuoil C, Chene G, Lee Plourde K, Seshadri S. |
| O6  | 14.05 | “A twist in the neck and in the tale” McGovern EM, Williams L, Hutchinson M, O’Riordan S |

SESSION 2 - Guided Poster Tour

14.31 – 15.15

<table>
<thead>
<tr>
<th>Topic</th>
<th>Moderator</th>
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<tr>
<td>Tour A Neuromuscular</td>
<td>Moderator to be confirmed</td>
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<td>Tour B Neuropathology</td>
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<td>Tour C Neurosurgery</td>
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<td>Tour D Epilepsy</td>
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<td>Tour E Multiple Sclerosis/ Neuroinflammation</td>
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<td>Tour F Movement Disorder</td>
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<td>Tour G General Interest</td>
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<td>Tour H Clinical Neurophysiology</td>
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<td>Tour J Cerebrovascular</td>
<td>Moderator to be confirmed</td>
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15.15 – Tea and Coffee

SESSION III – Platform Presentations

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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
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<tbody>
<tr>
<td>O8 15.45</td>
<td>The experience of the first Neurogenetic Clinic in Ireland</td>
<td>Olszewska DA, McVeigh T, Lynch T.</td>
</tr>
<tr>
<td>O10 16.11</td>
<td>A curious case of Alice in Wonderland syndrome.</td>
<td>McGrath ER, Batra A, Lam A, Counihan TJ, Cole AJ.</td>
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<tr>
<td>O12 16.37</td>
<td>Severe reactivation of multiple sclerosis after discontinuation of Fingolimod: lessons learned from case reports.</td>
<td>Mustafa R, Boers P.</td>
</tr>
<tr>
<td>O13 16.50</td>
<td>A Taxing Situation</td>
<td>Shaikh E, Nolan TJ, Horan A, McNamara B, O’Toole O</td>
</tr>
<tr>
<td>O14 17.03</td>
<td>A role for susceptibility weighted imaging in progressive multifocal leukoencephalopathy</td>
<td>Yap SM, Murray B, Lynch T, Kavanagh E, MacMahon P.</td>
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17.15 – 18.00 PARALLEL SESSIONS

SESSION IV

“Scaling the heights – how to conquer journal publication”

Professor Matthew Kiernan is Editor-In-Chief of the Journal of Neurology, Neurosurgery and Psychiatry (JNNP; BMJ Publishing Group). He will deliver a presentation outlining the best approach to secure publication in an international journal. This session is primarily intended for registrars and other trainees in neuroscience.

SESSION V

Irish Neurological Association Business Meeting
Members Only

19.30

Irish Neurological Association Reception and Dinner
Dunraven Arms Hotel, Adare
(Transport from meeting venue to Dunraven Arms will be provided. Coach departs Strand Hotel 19.00)
FRIDAY, May 6th

07.30  Registration

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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>08.00</td>
<td><strong>Sponsored Symposium – Biogen Ireland</strong>&lt;br&gt;Cityview Suite, Strand Hotel&lt;br&gt;Dr. Stanley Hawkins and Professor Michael Hutchinson debate&lt;br&gt;&quot;We should be using our most aggressive MS therapies first-line in newly diagnosed people with MS.&quot;</td>
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SESSION VI – Platform Presentations

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<th>Time</th>
<th>Title</th>
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<tr>
<td>09.13</td>
<td>O16 Awake Craniotomy for Glioma Resection; Initial Experience&lt;br&gt;Sajjad J, O’Sullivan MJ.</td>
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<tr>
<td>09.52</td>
<td>O19 “A generation of dancers?”&lt;br&gt;Murphy O, O’Toole O, Hand C, Ryan A.</td>
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<tr>
<td>10.05</td>
<td>O20 A Rare case of Adult Posterior Fossa Syndrome in a Sporadic Posterior Fossa Hemangioblastoma&lt;br&gt;Venkatesh PK, Bolger C.</td>
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<tr>
<td>10.18</td>
<td>O21 Multiple System Atrophy may cause Corticobasal Syndrome&lt;br&gt;Vijayashankar P, Olszewska DA, Chalissery A, Farrell MA, Lynch T.</td>
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<tr>
<td>10.31</td>
<td>O22 Adult epilepsy surgery referrals in Northern Ireland - a retrospective review of cases in the last 3 years.&lt;br&gt;Kinney MO, Hassib M, McKee J, Sekar V, Hunt S, Campbell E, Craig JO.</td>
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10.45 - Tea, Coffee and poster viewing.
SESSION VII - Platform Presentations and Callaghan Lecture

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<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>11.05</td>
<td>Non-Use of Oral Anticoagulant Therapy in Patients with Atrial Fibrillation after Ischemic Stroke</td>
<td>McGrath ER, Go AS, Chang Y, Borowsky LH, Fang MC, Reynolds K, Singer DE.</td>
</tr>
<tr>
<td>11.18</td>
<td>“Our girl in Hanoi” – An Irish Neurosurgical Specialist Registrar with the Vietnamese neurosurgeons – my experience.</td>
<td>Dunlea O.</td>
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<tr>
<td>11.31</td>
<td>Never too late for a diagnosis: are infrequent autosomal recessive ataxias in Irish pedigrees so rare?</td>
<td>Bogdanova-Mihaylova P, Austin N, Alexander MD, Cassidy L, Early A, Murphy RPI, Murphy SM, Walsh RA.</td>
</tr>
<tr>
<td>11.44</td>
<td>An Audit of Fingolimod Monitoring Requirements for Patients with MS in St James Hospital.</td>
<td>Leung E, Chalissery A, McKenna M, Redmond J.</td>
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12.10 Callaghan Lecture

Chance and Design: axons, channels and neurology

Professor Matthew Kiernan, Bushell Chair of Neurology at the University of Sydney.

13.10 - Lunch.
SESSION VIII – Platform Presentations

<table>
<thead>
<tr>
<th>Session</th>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
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<tbody>
<tr>
<td>O28</td>
<td>14.10</td>
<td>Deaths among persons with epilepsy recorded by the National Drug-Related Deaths Index (NDRDI) in Ireland, 2004 to 2013.</td>
<td>Lynn E, Lyons S, Doherty CP.</td>
</tr>
<tr>
<td>O31</td>
<td>14.49</td>
<td>Assessment, diagnosis and management of patients with headache referred to inpatient Neurology consultation service in St James’s Hospital, Dublin.</td>
<td>Chalissery A, Fitzgerald N, Ferguson D, Redmond J.</td>
</tr>
<tr>
<td>O32</td>
<td>15.02</td>
<td>A retrospective audit of the use of multiple sleep latency studies to aid in the diagnosis of Sleep Disorders.</td>
<td>Shaikh E, McNamara B, Sweeney B.</td>
</tr>
<tr>
<td>O33</td>
<td>15.15</td>
<td>Clinical Outcome in Patients with Functional Neurological Symptoms – a 4-year Follow-up Study.</td>
<td>Jamal M, O’Sullivan S.</td>
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SESSION IX Poster Highlights

Selected Posters for short platform presentation

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<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
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<tbody>
<tr>
<td>15.45</td>
<td>Presentation 1</td>
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<td>Presentation 2</td>
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<td>15.55</td>
<td>Presentation 3</td>
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<td>16.00</td>
<td>Presentation 4</td>
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<td>16.05</td>
<td>Presentation 5</td>
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President’s address

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<th>Time</th>
<th>Presentation</th>
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<tr>
<td>16.15</td>
<td>Announcement and Presentation of Prizes</td>
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<tr>
<th>Time</th>
<th>Presentation</th>
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<tr>
<td>16.30</td>
<td>Close of Meeting and Departure</td>
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POSTERS

A. Neuromuscular
B. Neurosurgery
C. Neuropathology
D. Epilepsy
E. Multiple Sclerosis
F. Movement Disorder
G. General Interest
H. Clinical Neurophysiology
J. Cerebrovascular
A. NEUROMUSCULAR

A1. A Painful Neuropathy
McNamara PH, Walsh R, Alexander M, Brett FM, Murphy SM.

A2. Cataract – a novel phenotypic feature in an Irish case of limb-girdle muscular dystrophy 2I
Yap SM, Farrell MA, Cryan J, Smyth S.

A3. Two Bells, a bar and a Barré.
Bradley M, Moloney P, Maloney E, O’Riordan S, Connolly S1, McGuigan C.

A4. Myofibrillar Myopathy: A case report
Leung E, Chalisser AJ, Redmond J.

A5. GNE myopathy – Clinical Research Update

A6. At Face Value
Shaikh E, Ryann AM.

O’Regan S, Mustafa R, McKenna F, O’Mahony E, Ryan A, Hodnett P, Boers P.

Bogdanova-Mihaylova P, Murphy RPJ, Murphy SM.

A9. Cardiac arrhythmias as sole manifestation of Emery-Driefuss Muscular dystrophy.
Chalisser AJ, Redmond J.

A10. Bone protection in patients with Inclusion Body Myositis; Are we doing enough?
O’Connor A, Ryan AM.
B. Neurosurgery

Hassib M, Grant A, McGarrity P, Sekar V, Flannery T.

B2. Incidental durotomy during spinal surgery and its management; a single surgeon’s experience.
Koustais S, Sweeney K, O’Sullivan MGJ.

B3. A prospective audit of referral pattern to Cork University Hospital Neurosurgical Outpatient Department for lumbar spine disease
Chin Hong N, O’Sullivan MGJ.
C. Neuropathology

C1. Cerebrospinal Fluid (CSF) cytology: factors impacting on diagnostic yield
O’ Connor A, McFeely O, Bermingham N, O’Sullivan SS.

C2. Acute subdural haematoma related to acute rupture of intracranial aneurysm
Jansen M, Wyse G, Bolster M, Bermingham N.

C3. An unusual case of posterior circulation stroke
Keane A, Bermingham N, Plant R, Bolster M, Jansen M.
D. EPILEPSY

Bede P, Lawlor D, Solanki D, Delanty N.

D2. Epilepsy Mortality in Ireland
Canavan J, Langan Y.

D3. Potential precision therapeutic of Everolimus in Tuberous Sclerosis Associated Refractory Epilepsy; a case report
El-Naggar H, Malekshahian A, Delanty N.

D4. Retrospective audit of eslicarbazepine in a single specialist epilepsy clinic in Ireland
Gunko A, Flynn C, Fitzsimons M, Delanty N, Doherty CP.

D5. MicroRNA plasma profiles as potential biomarkers of patient response to the antiepileptic drug leveteracitam (Keppra)
Heavin SB, Slattery L, O’Kennedy C, Henshall D, Delanty N, Cavalleri GL.

D6. Long term follow up and outcome of patients diagnosed with Psychogenic Non epileptic seizures
Kininons P, Grover A, Fisher E.

D7. Lacosamide retention at a tertiary epilepsy centre
McGinty R, Costello D.

McGinty R, Shanahan J, Costello D.

D9. An Audit of epilepsy care in a Tertiary Irish Paediatric Neurology Unit.
Delaney S, Griffin G, Keegan M, McHugh J, Webb D.

D10. The reliability of descriptions of epileptic seizure semiology provided in the outpatient epilepsy clinic setting.
McGinty R, O’Connor A, Costello D.
E. MULTIPLE SCLEROSIS

Casey B, Coote S, Hayes S, Gallagher S.

E2. Dynamic mobility deficits in people with Multiple Sclerosis: A systematic review and meta-analysis
Comber L, Galvin R, Coote S.

E3. Learning from the Pupil; internal ophthalmoplegia and bifacial weakness in neurosarcoidosis.
Ferguson D, Lynch J.

E4. Frequency of Urinary Tract Infection at the Time of Multiple Sclerosis Relapse
Foley RW, Cassard LA, Probascoc JC, Cassard SD, Mowry EM, Calabresi PA.

E5. Enhancing Physical Activity Behaviour in People with Multiple Sclerosis – the “Step it Up” protocol.

E6. Total Body Numbness, Hiccups, Vomiting and Paralysis in a 46 year old man
McNamara PH, Kavanagh E, Looby S, Brennan P, O’Hare A, Lynch T.

E7. Atopic Myelitis as an Unusual Cause for Spinal Syndrome – An Irish Case
Khalil D, O’Connor G, Heneghan J.

E8. Retrospective Analysis Of The Treatment Of Relapsing Remitting Multiple Sclerosis With Fingolimod At The Department Of Neurology, Bon Secours Hospital, Cork
Grover A, Kinirons P.

Maloney E, Molloy W, Al Hussona M, O Donnell L, Killeen R, Mc Guigan C.

E10. Microglia and the unfolded protein response (UPR) in multiple sclerosis
McMahon J, Loftus D, Carey L, Farrell MA, FitzGerald U.

E11. Hematologic modifications as markers of response to treatment in MS patients treated with Natalizumab

E12. Patterns of thrombin generation in MS: A new biomarker for inflammation?
E13. Assessing the Predictive Validity of the TUG, Timed Up and Go Test, and a Falls Screening Questionnaire to Determine the Risk of Falling in People with Multiple Sclerosis.
Quinn G, Coote S, Comber L, McGuigan C.
F. MOVEMENT DISORDER

F1. Automated assessment of advanced motor Parkinson's Disease; a pilot study of the Parkinson's KinetiGraph as an objective tool for measurement of motor fluctuations
   Bogdanova-Mihaylova P, Kavanagh N, Walsh RA.

   Bogdanova-Mihaylova P, Murphy RPJ, Walsh RA, Murphy SM.

F3. A case of PRRT2 related paroxysmal kinesigenic dyskinesia: Case presentation and review of the published literature.
   Cullinane PW, Lynch JM.


F5. Progressive ataxia and palatal tremor: a case illustrating the typical clinical and radiographic findings
   Keyes M, Ng WL, Boers P.

   McGovern EM, O’Connor E, Beiser I, Williams LW, Butler JB, Quinlivan B, Reilly RB, O’Riordan S, Hutchinson M.

F7. Comparing stimulus-presentation methods in temporal discrimination (TDT) testing.
   McGovern EM, Butler JS, Beiser I, Williams L, Quinlivan B, O’Riordan S, Reilly RB, Hutchinson M.

   Yap SM, Osman Dablouk M, O’Sullivan S.

F9. Cerebellar ataxia: A review of difficult to diagnose and undiagnosed patients at the Dublin Neurological Institute at Mater Misericordiae University Hospital (MMUH)
   Munteanu T, Vijayashankar P, Olszewska DA, Smyth S, Lynch T.

F10. Eyebrow tremor: a localisation exercise
    Munteanu T, Lynch T.

F11. The diagnostic challenge of an alien foot.
    Olszewska DA, McCarthy A, Murray B, Lynch T.

F12. Is Irish set dancing feasible for people with Parkinson’s disease in Ireland?
    Shanahan J, Morris ME, Ni Bhriain O, Volpe D, Richardson M, Clifford AM.
F13. Prevalence of impulsive-compulsive behaviours in patients with prolactin-secreting and non-functioning pituitary adenomas and comparison of data to patients with Parkinson’s disease
Vaughan D, Maloney E, O’Riordan R, Tuthill A, O’Sullivan E, O’Sullivan S.

McNamara PH, Olszewska DA, McCarthy A, McKinley J, McVeigh T, Lynch T.
G. GENERAL INTEREST.

G1. EPG5-related Vici syndrome: a primary disorder of autophagy.

Byrne S, Mullins G, Delanty N.

G3. An unusual cause of prolonged coma
Brett FM., Beausang A, Tormey W, Curtis M.

Asad M, Ferguson D, Widdess-Walsh P, Lynch J.

G5. Goal Directed Skills Training, an Executive Function Intervention for Adults with an Acquired Brain Injury (ABI)
Curtin M, Crawley L.

Finegan E, Gumbrielle T, Healy D.

G7. Clinical Audit of post-Cardiac Arrest patients discharged from the cardiology unit in Beaumont Hospital not yet been screened for neurological sequelae.
Foley S, Crinion D, Delargy M.

G8. An audit of the effectiveness of large group neurology tutorials for Irish undergraduate medical students
Kearney H, Krakar A, Drazyk, Maloney E, Callanan I, Tubridy N.

Kinney MO, Crawley L, Aldworth G, Connolly G, Hughes S, McDonnell GV.

G10. Severe Acute Hyperammonaemic Encephalopathy in Hepatocellular Carcinoma treated with Sorafenib
Laffan A, Quealy JB, Power D, McNamara B, MacEneaney P, O’Toole O.

G11. Perineural spread of periorbital squamous cell carcinoma
McCluskey G, Flynn P, McCarron MO.
G12. Count Giuseppe’s curse: a serious complication of atypical apicitis
Moloney P, Drazyk A, Maloney E, Feeney E, Killeen R, McGuigan, C.

G13. Binge drinking and the Brain- what are the neurological implications of our alcohol culture?

Murphy O, Merwick A, O’Mahony O, Ryan AM, McNamara B.

G15. Assessing the Adequacy of Services for Patients with Intellectual Disability Attending a Neurology Outpatient Clinic,
Sproule L, Byrne S, Munteanu T, Redmond JMT.

G16. Herpes Simplex Diencephalitis leading to Chronic Panhypopituitarism
O’Connor A, Fitzgerald DB, Murphy A, Marnane M, Tuthill A, Cronin S.

G17. Food for thought; difficulty chewing: A rare case of motor and sensory trigeminal neuropathy.
De Buitléir C, Ferguson D, Lynch J.
H. CLINICAL NEUROPHYSIOLOGY.

H1. Median-derived Somatosensory Evoked Potentials (SSEPs) in coma – recent experience
Bjerke A, Breen N, Alas S, Connolly S.

H2. The Multiple Sleep Latency Test (MSLT) in the evaluation of a case of hypersomnia without cataplexy
Breen N, Bjerke A, Connolly S.

H3. Comparison of Digit 2 and Digit 3 Sensory Studies in Patients with Carpal Tunnel Syndrome.
Connell M, Slamon N, Akijian L, Reid V.

H4. "The Extrapolating of Nerve Conduction Values within a Subpopulation using the E-Norms Method".
McNamara B, Mullins G, Byrne A, Dunne K.
J1. Does self-reported physical activity correlate with objective measurement in people post discharge following stroke? Hennessy E, Horgan F, Galvin R, Boers P.

J2. Cardiac Biomarkers And The Detection Of Paroxysmal Atrial Fibrillation Following Tia And Minor Stroke. Lyons SM, Yiin G, A Burgess, J, D Poole, MM Kubiak, KK Lau, B Sweeney, PM Rothwell on behalf of the Oxford Vascular Study.
