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#### **Education**

2017	Neurovascular Ultrasonography –	Wake Forest University	School of Medicine

2011 MB BCh BAO, University College Dublin, Ireland

## **Post-Doctoral Training**

2016-2017	Fellow, Vascular Neurology, Yale-New Haven Hospital/Yale University School of Medicine (Program Director: Joseph Schindler MD)
2013-2016	Resident, Neurology, Yale-New Haven Hospital/Yale University School of Medicine (Program Director: David Greer MD MA)  o 2014-2016: Clinical Neuroscientist Training Program (CNSTP), Yale University School of Medicine

(Mentor: Lauren Sansing MD MSTR)

2012-2013 Intern, Internal Medicine, Yale-New Haven Hospital/Yale University School of Medicine

(Program Director: Stephen Huot MD PhD)

2011-2012 Intern, Internal Medicine and General Surgery, St. Vincent's University Hospital

(Program Director: Michael Keane MD FRCPI)

# **Academic Appointments**

2017-Present	Assistant Professor, Department of Neurology, Brown University/Warren Alpert School of Medicine
2016-2017	Clinical Fellow, Yale University School of Medicine

# **Hospital Appointments**

2017-Present	Attending physician, Divisions of Vascular Neurology and General Neurology, Rhode Island Hospital, Providence, Rhode Island
2017-Present	Attending physician, Division of Neurology, The Miriam Hospital, Providence, Rhode Island
2017-Present	Attending physician, Division of Neurology, Women and Infant's Hospital of Rhode Island, Providence, Rhode Island
2016-2017	Fellow, Department of Vascular Neurology, Yale-New Haven Hospital, New Haven, Connecticut
2013-2016	Resident, Department of Neurology, Yale-New Haven Hospital, New Haven Connecticut
2012-2013	Intern, Department of Internal Medicine, Yale-New Haven Hospital, New Haven, Connecticut
2011-2012	Intern, Departments of Internal Medicine and General Surgery, St. Vincent's University Hospital, Dublin, Ireland

# **Licensure & Certification**

2018	Membership of the Royal College of Physicians of the United Kingdom Certificate Number - 173378
2017	Office-Based Treatment of Opioid Use Disorders – American Academy of Addiction Psychiatry
2016	American Board of Psychiatry & Neurology – Neurology Certificate Number - 60241

2016-Present	Rhode Island Board of Medical Licensure and Discipline, State Medical License License Number - MD15639
2015-2017	Connecticut Department of Public Health, State Medical License License Number - 54953
2012	Advanced Cardiac Life Support, American Heart Association

# **Honors & Awards**

2018	Dean's Excellence in Teaching Award, Warren Alpert Medical School at Brown University
2017	American Heart Association/American Stroke Association Fellows in Training Scholarship
2015	International Headache Academy Scholarship
2015	J. Kiffin Penry Epilepsy Education Fellowship
2015	Research Career Development Symposium Scholarship, American Academy of Neurology
2011	University College Dublin Representative, National University of Ireland (NUI) Dr. Henry Hutchinson Stewart Medical Scholarship in General Practice
2010	Dr. Nicholas and Mrs. Maura Martin Scholarship
2009	Gold Medal in Medicine, Undergraduate Awards of Ireland and Northern Ireland
2009	Ronan O'Regan Research Elective Scholarship
2008	University College Dublin, Summer Student Research Awards (SSRA) Symposium 2 <sup>nd</sup> placed oral presentation
2008	University College Dublin, Summer Student Research Awards (SSRA) Scholarship
2006	University College Dublin, Entrance Scholarship

# **Research Funding**

2008 Mentee, University College Dublin, Summer Student Research Awards (SSRA), "The effect of pro-inflammatory cytokines on the discharge rate of vagal nerve paraganglia in the rat" PI: Dr. James FX Jones.

# **Clinical Trials and Multi-Center Study Participation**

2017-present	Site Principal Investigator, Mild Stroke and Rapidly Improving Stroke Study (MaRISS) Trial
2017-present	Sub-Investigator, Intracerebral Hemorrhage Deferoxamine (iDEF). Site Principal Investigator: Dr. Bradford Thompson.
2017-present	Sub-Investigator, Impact of Fever Prevention in Brain Injured Patients (INTREPID). Site Principal Investigator: Dr. Bradford Thompson.
2016-2017	Sub-Investigator, Platelet-Oriented Inhibition in New TIA and Minor Ischemic Stroke (POINT) trial. Site Principal Investigator: Dr. Joseph Schindler.
2016-2017	Sub-Investigator, Intracerebral Hemorrhage Deferoxamine (iDEF) trial. Site Principal Investigator: Dr. Kevin Sheth.
2016-2017	Sub-Investigator, Minimally Invasive Surgery Plus Rt-PA for ICH Evacuation Phase III (MISTIE III) trial. Site Principal Investigator: Dr. Lauren Sansing.
2016-2017	Sub-Investigator, Impact of Fever Prevention in Brain Injured Patients (INTREPID) trial. Site Principal Investigator: Dr. David Greer.
2016-2017	Sub-Investigator, Stroke-Related Early Tracheostomy versus Prolonged Orotracheal Intubation in Neurocritical Care Trial 2 (SETPOINT 2). Site Principal Investigator: Dr. Evadne Marcolini.
2016-2017	Sub-Investigator, Surgical Replacement and Transcatheter Aortic Valve Implantation (SURTAVI) trial. Site Principal Investigator: Dr. John Forrest.
2016-2017	Sub-Investigator, The REFLECT Trial: Cerebral Protection to Reduce Cerebral Embolic Lesions After Transcatheter Aortic Valve Implantation. Site Principal Investigator: Dr. John Forrest.

# **Committee Assignments**

2017-2018 Interview Committee, Vascular Neurology Faculty Member, Warren Alpert Medical School at Brown University Department of Neurology

2017-2018	Interview Committee, Neuro-Critical Care Faculty Member, Warren Alpert Medical School at Brown University Department of Neurology
2015-2016	Resident Chair, Neurology Grand Rounds Speakers Committee, Yale Department of Neurology
2014-2015	Co-Chair, Neurology Residency Interview and Social Committee, Yale Department of Neurology
2013-2015	Member, Neurology Residency Admissions Committee, Yale Department of Neurology
2013-2014	Member, Internal Medicine/Neurology Curriculum Task Force, Yale University School of Medicine

## **Professional Societies**

2017-Present	Rhode Island Neurological Society
2016-Present	American Heart Association
2015-2016	American Headache Society
2013-Present	American Academy of Neurology
2012-2017	Connecticut State Medical Society
2011-2012	Irish Medical Council

## **Publication Service**

2015	Ad hoc reviewer, Stroke
2015	Ad hoc reviewer, PLOS One
2016	Ad hoc reviewer, Stroke
2017-	Assistant reviewer, Circulation: Cardiovascular Quality and Outcomes
2018	Ad hoc reviewer, <i>Headache</i>

# **Report of Teaching Experience**

# **Resident/Fellow Instruction**

August 30<sup>th</sup> 2017 "Stroke Units". Brown Adult Neurology Residency Program.

August 23<sup>rd</sup> 2018 "Intracranial hemorrhage". Brown Adult Neurology Residency Program.

August 20th 2018 "Cardioembolic stroke". Brown Adult Neurology Residency Program.

September 16<sup>th</sup> 2017 "Cardioembolic stroke". Brown Adult Neurology Residency Program.

September 10<sup>th</sup> 2017 "Stroke Units". Brown Adult Neurology Residency Program.

September  $9^{\text{th}}$  2017 "Intracranial hemorrhage". Brown Adult Neurology Residency Program.

#### **Post-doctoral Researcher Instruction**

October 10<sup>th</sup> 2017 "Stroke" Cardiovascular and Behavioral Medicine T-32 Fellows Seminar, Brown University Department of Psychology.

#### **Medical Student Instruction**

May  $16^{\text{th}}$  2017 "Cerebrovascular disease", Yale University School of Medicine,  $3^{\text{rd}}$  Year Medical Students

March  $1^{st}$  2017 "Cerebrovascular disease", Yale University School of Medicine,  $3^{rd}$  Year Medical Students

November  $9^{th}$  2016 "Cerebrovascular disease", Yale University School of Medicine,  $3^{rd}$  Year Medical Students

September 15<sup>th</sup> 2016 "Cerebrovascular disease", Yale University School of Medicine, 3<sup>rd</sup> Year Medical Students

June  $22^{nd}$  2016 "Cerebrovascular disease", Yale University School of Medicine,  $3^{rd}$  Year Medical Students

#### **Advance Practice Provider Instruction**

March 3<sup>rd</sup> 2016 "The Neurological Examination", Yale School of Nursing, Graduate Entry Prespecialty in Nursing (GEPN) Students

January 9<sup>th</sup> 2018 "Neuroanatomy" and "Neurophysiology", Johnson and Wales University, Physician Assistant Program

#### **Local Presentations**

March 14th 2017 – "What's New in Stroke?" Rhode Island Hospital Stroke Support Group

March 4<sup>th</sup> 2015 – Presenter, Yale Neuropathology Monthly Meeting – "A 62 year-old female with a near-fatal intracranial hemorrhage and a highly controversial diagnosis"

## **Direct Clinical and Research Mentoring (Prior Position)**

2013-2017	Rosemarie Didiano (Research Assistant, Department of Neurology, Yale Medical Group)  Poster to American Academy of Neurology Annual Meeting 2017	
2014-2018	Linh Vu (Medical Student, Yale University School of Medicine)	

Original article published in "Headache" Yale Medical School Final Year Thesis Poster and scholarship - American Headache Society Annual Meeting 2016

#### **Other Work and Volunteer Experience**

2012-Present Contributor, PasTest Publishing

2008-2010 AED/CPR Instructor, American Heart Association

#### Miscellaneous

2010 Licentiate of the London College of Music (LLCM), Piano Performance

#### **Bibliography**

[15 original articles (4 first-author/11 middle-author); 7 book chapters; 15 posters]

#### **Original Articles**

- 1. Yaghi S, Chang AD, Cutting S, Jayaraman M, McTaggart R, Ricci B, Dakay K, Narwal P, **Mac Grory B**, Burton T, Reznik M, Silver B, Gupta A, Song C, Mehanna E, Siket M, Lerrario MP, Sacchetti DC, Merkler A, Kamel H, Elkind MSV, Furie K. Troponin Improves the Yield of Transthoracic Echocardiography in Ischemic Stroke Patients of Determined Stroke Subtype. *Stroke. In Press*.
- 2. **Mac Grory B**, Chang A, Atalay MK, Yaghi S. 2018. "Left Atrial Appendage Thrombus and Embolic Stroke: A Case Study". *Stroke*. Sep; 49(9)e286-e289. PMID: 30355001.
- 3. Reznik ME, Yaghi S, Jayaraman MV, McTaggart RA, Hemendinger M, **Mac Grory BC**, Burton TM, Cutting SM, Siket MS, Madsen TE, Thompson BB, Wendell LC, Mahta A, Potter S, Furie KL. 2018. "Baseline NIH Stroke Scale is an Inferior Predictor of Functional Outcome in the Era

- of Acute Stroke Intervention". *International Journal of Stroke*. Oct; 13(8):806-810. PMID: 29956598.
- 4. Jayaraman MV, Kishkovich T, Baird GL, Hemendinger ML, Tung EL, Yaghi S, Cutting S, Saad A, Burton TM, **Mac Grory B**, Haas RA, Furie KL, McTaggart RA. 2018. "Association between age and outcomes following thrombectomy for anterior circulation emergent large-vessel occlusion is determined by degree of recanalization". *Journal of NeuroInterventional Surgery*. June 1. Epub ahead of print. PMID: 29858396.
- 5. Reznik ME, Yaghi S, Jayaraman MV, McTaggart RA, Hemendinger M, **Mac Grory BC**, Burton TM, Cutting SM, Thompson BB, Wendell LC, Mahta A, Potter S, Daiello LA, Kosar C, Jones RN, Furie KL. 2018. "Level of Consciousness at Discharge and Associations with Outcome After Ischemic Stroke". *Journal of the Neurological Sciences*. Jul 15; 390:102-107. PMID: 29801867.
- 6. Sacchetti DC, Cutting SM, McTaggart RA, Chang AD, Hemendinger M, Mac Grory B, Siket MS, Burton T, Thompson B, Rostanski SK, Prabakharan S, Willey JZ, Marshall RS, Elkind MSV, Khatri P, Furie KL, Jayaraman MV, Yaghi S. 2018. "Perfusion Imaging and Recurrent Cerebrovascular Events in Patients with Intracranial Atherosclerotic Disease or Carotid Occlusion". *International Journal of Stroke*. Jan 1. Aug;13(6):592-599. PMID: 29502498.
- 7. Ricci B, Chang A, Hemendinger M, Dakay K, Cutting S, Burton T, **Mac Grory B**, Narwal P, Song C, Panda N, Chu A, McTaggart R, Jayaraman M, Furie KL, Yaghi S. 2018. "A Simple Score that Predicts Paroxysmal Atrial Fibrillation on Outpatient Cardiac Monitoring after Embolic Stroke of Unknown Source". *Journal of Stroke and Cerebrovascular Diseases*. Jun;27(6):1692-1696. PMID: 29501269
- 8. **Mac Grory B,** Yaghi S. 2018. "Updates in stroke treatment". *Rhode Island Medical Journal*. Mar 1;101(2) 30-33. PMID: 29490322.
- 9. James B, Chang AD, Mc Taggart RA, Hemendinger M, **Mac Grory B**, Cutting SM, Burton TM, Reznik M, Thompson B, Wendell L, Mahta A, Siket M, Madsen TE, Sheth K, Nouh A, Furie KL, Jayaraman MV, Khatri P, Yaghi S. 2018. "Predictors of Symptomatic Intracranial Hemorrhage in Ischemic Stroke Patients with Neurological Deterioration after Intravenous Thrombolytic Therapy". *Journal of Neurology, Neurosurgery and Psychiatry*. Aug; 89(8):866-869. PMID: 29487169.
- 10. Yaghi S, Chang AD, Hung P, Mac Grory B, Collins S, Gupta A, Reynolds J, Finn CB, Hemendinger M, Cutting SM, McTaggart RA, Jayaraman M, Leasure A, Sansing L, Panda N, Song C, Chu A, Merkler A, Gialdini G, Sheth KN, Kamel H, Elkind MSV, Greer D, Furie K, Atalay M. 2018. "Left Atrial Appendage Morphology and Embolic Stroke of Undetermined Source: A Cross Sectional Multi-Center Pilot Study". *Journal of Stroke and Cerebrovascular Diseases*. Jun; 27(6):1497-1501. PMID: 29398537.
- 11. Yaghi S, Chang A, Ricci BA, Jayaraman MV, McTaggart TA, Hemendinger M, Narwal P, Dakay K, **Mac Grory B**, Cutting SM, Burton TM, Song C, Mehanna E, Siket M, Madsen TE, Reznik M, Merkler A, Lerario MP, Kamel H, Elkind MS, Furie K. 2018. "Early Elevated Troponin Levels

- After Ischemic Stroke Suggests a Cardioembolic Source". *Stroke*. Jan 49(1): 121-126. PMID: 29167390.
- 12. **Mac Grory B**, Vu L, Cutting S, Marcolini E, Gottschalk C, Greer DM. 2018. "Distinguishing Characteristics of Headache in Nontraumatic Subarachnoid Hemorrhage". *Headache*. Mar 58(3); 364-370. PMID: 29105063.
- 13. Taylor RA, Chang CF, Goods BA, Hammond MD, **Mac Grory B**, Ai Y, Steinschneider AF, Renfroe SC, Askenase MH, McCullough LD, Kasner SE, Mullen MT, Hafler DA, Love JC, Sansing LH. 2017. "TGF-β1 modulates microglial phenotype and promotes recovery after intracerebral haemorrhage". *Journal of Clinical Investigation*. Jan 3; 127(1): 280-292. PMID: 27893460.
- 14. Malhotra A, Schindler J, **Mac Grory B**, Chu S, Youn T, Matouk C, Greer DM, Schrag M. 2016. "Cerebral Microhemorrhages and Meningeal Siderosis in Infective Endocarditis". *Cerebrovascular Diseases*. Nov 22; 43(1-2): 59-67. PMID: 27871078.
- 15. **Mac Grory B,** O'Connor ET, O'Halloran KD, Jones JF. 2010. "The effect of pro-inflammatory cytokines on the discharge rate of vagal nerve paraganglia in the rat". *Respiratory Physiology and Neurobiology*. 171(2): 122-127. PMID 20211277.

# **Book Chapters**

- 1. **Mac Grory B,** Shadi Y. Thrombotic Stroke. *Neuromethods: Cerebral Aneurysms and Other Cerebrovascular Diseases*. Editors: Fawaz Al-Mufti and Krishna Amuluru. *Submitted*.
- 2. **Mac Grory B**, Hwang DY. 2019. Prognostication. In: Creutzfeldt C., Kluger B., Holloway R. (eds) *Neuropalliative Care*. ISBN: 978-3-319-93214-9. Springer, Cham.
- 3. **Mac Grory B**, Sheth KN. Chapter 2F: Drugs related to thrombosis and anticoagulation. *A Manual of Neuroanesthesia and Neurocritical Care*. Editor: GS Shretha. *Submitted*.
- 4. Sico JS, Amin H, Sorokin A, **Mac Grory B**, Diaz M, Volpe DC, Hamid H, Machado D, Patwa HS, Brust JCM. Chapter 78: Neurologic Disorders Related to Alcohol and Other Drug Use. *The ASAM Principles of Addiction Medicine*. Editor: Richard K. Ries. *In press*.
- 5. **Mac Grory B**, Hirsch LJ, Gilmore E, Sheth KN. Chapter 49: Management of Post-Operative Seizures. *Neurocritical Care Management of the Neurosurgical Patient*. 1<sup>st</sup> Edition. Editors: Monisha Kumar, Joshua Levine, James Schuster, Andrew Kofke. ISBN 13: 9780323321068. Elsevier.
- Mac Grory B. High-dose Atorvastatin after Stroke or Transient Ischemic Attack. 50 Studies Every Neurologist Should Know. Chapter 46: 131-136. ISBN: 9780199377527. Oxford University Press.

7. **Mac Grory B.** A controlled trial of riluzole in amyotrophic lateral sclerosis. *50 Studies Every Neurologist Should Know*. Chapter 24: 163-170. ISBN: 9780199377527. Oxford University Press.

## Poster Presentations

- 1. Chang AD, Ricci BA, Jayaraman MV, McTaggart TA, Hemendinger M, Narwal P, Dakay K, **Mac Grory B**, Cutting SM, Burton TM, Song C, Mehanna E, Siket M, Madsen TE, Reznik M, Merkler A, Lerario MP, Kamel H, Elkind MS, Furie K, Yaghi S. 2018. "Early Elevated Troponin Levels After Ischemic Stroke Suggests a Cardioembolic Source". *American Academy of Neurology Annual Meeting. April 25th 2018*.
- 2. Wendell L, Cahill J, Saad A, Burton T, Yaghi S, Cutting SM, **Mac Grory B**, Mahta A, Reznik M, Thompson B, Jayaraman M, Furie K. Code Stroke Simulation Training Benefits Junior Neurology Residents. *American Academy of Neurology Annual Meeting. April* 24<sup>th</sup> 2018.
- 3. Reznik ME, Yaghi S, Jayaraman MV, McTaggart RA, Hemendinger M, **Mac Grory B**, Burton TM, Cutting SM, Thompson BB, Wendell LC, Mahta A, Potter S, Daiello LA, Kosar C, Jones RN, Furie KL. Level of Consciousness at Discharge and Associations with Outcome after Ischemic Stroke. *American Academy of Neurology Annual Meeting. April* 23<sup>rd</sup> 2018.
- 4. **Mac Grory B,** Vu L, Marcolini E, Gottschalk C, Greer D. Distinguishing characteristics of headache in non-traumatic subarachnoid hemorrhage. *American Heart Association/International Stroke Conference. February 2018.*
- 5. Ricci B, Chang A, Hemendinger M, Dakay K, Cutting S, Burton T, **Mac Grory B**, Narwal P, Song C, Panda N, Chu A, McTaggart R, Jayaraman M, Furie KL, Yaghi S. A Simple Score that Predicts Paroxysmal Atrial Fibrillation on Outpatient Cardiac Monitoring after Embolic Stroke of Unknown Source. *American Heart Association/International Stroke Conference. February 2018*.
- 6. Yaghi S, Chang A, Ricci B, Jayaraman M, McTaggart RA, Hemendinger M, Narwal P, Dakay K, Mac Grory B, Cutting SM, Burton TM, Song C, Mehanna E, Siket M, Madsen T, Reznik M, Merkler A, Lerario MP, Kamel H, Elkind MS, Furie KL. Elevated Troponin Level in Ischemic Stroke is Independently Associated with Cardioembolism. *American Heart Association/International Stroke Conference*. *February 2018*.
- 7. James B, Chang AD, McTaggart RA, Hemendinger M, Narwal P, Dakay K, Ricci B, **Mac Grory B**, Cutting SM, Burton T, Reznik M, Thompson B, Mahta A, Siket M, Madsen T, Furie KL, Jayaraman MV, Yaghi S. What Predicts Symptomatic Intracranial Hemorrhage in Ischemic Stroke Patients Undergoing Emergency Brain Imaging for Neurological Deterioration after IV tPA? *American Heart Association/International Stroke Conference. February 2018*.
- 8. **Mac Grory B,** Malhotra A, Youn T, Schrag M. 2017. Cerebral microhemorrhages on susceptibility weighted imaging after aortic dissection. *American Heart Association/International Stroke Conference*. *February 2018*.

- 9. Yaghi S, Chang A, Hung P, **Mac Grory B**, Collins S, Gupta A, Reynolds J, Finn CB, Hemendinger M, Cutting SM, McTaggart RA, Jayaraman M, Leasure A, Sansing L, Panda N, Song C, Chu A, Merkler A, Gialdini G, Sheth K, Kamel H, Elkind M, Greer DM, Furie K, Atalay M. Left Atrial Appendage Morphology is Similar in Embolic Stroke of Undetermined Source and Cardioembolic Stroke and Different from Atherothrombotic Subtypes. *American Heart Association/International Stroke Conference. February 2018*.
- 10. Sacchetti DC, Cutting SM, McTaggart RA, Chang AD, Hemendinger M, Dakay K, **Mac Grory B**, Siket MS, Burton T, Thompson B, Rostanski SK, Merkler A, Gialdini G, Lerario M, Prabakharan S, Rogg J, Kamel H, Willey JZ, Marshall RS, Elkind MSV, Furie KL, Jayaraman MV, Yaghi S. Impaired Perfusion Imaging Predicts Recurrent Cerebrovascular Events in Symptomatic Large Vessel Stenosis. *American Heart Association/International Stroke Conference*. *February 2018*.
- 11. Ricci B, Chang AD, Hemendinger M, Narwal P, Dakay K, Cutting S, **Mac Grory B**, Burton T, Song C, McTaggart R, Jayaraman M, Panda N, Chu A, Merkler A, Gupta A, Kamel H, Furie KL, Yaghi S. Underutilization of Outpatient Cardiac Monitoring in Patients with Embolic Stroke of Unknown Source. *American Heart Association/International Stroke Conference. February 2018*.
- 12. Khokhar B, Didiano R, **Mac Grory B**. Randomized Trial to Evaluate Optimal Recumbent Time after Lumbar Puncture. 69<sup>th</sup> American Academy of Neurology Annual Meeting 2017. April 24<sup>th</sup> 2017.
- 13. **Mac Grory B**, Khokhar B. Occurrence of Post-Lumbar Puncture Headache in an Academic Lumbar Puncture Clinic. 67<sup>th</sup> *American Academy of Neurology Annual Meeting 2015. April* 22<sup>nd</sup> 2015.
- 14. Schrag M, Schindler J, **Mac Grory B**, Youn T, Matouk CM, Greer DM, Malhotra A. Susceptibility weighted imaging of the brain in infectious endocarditis. 67<sup>th</sup> American Academy of Neurology Annual Meeting 2015. April 20<sup>th</sup> 2015.
- 15. **Mac Grory B**, Grosser T. Development and validation of a method for amplification of the genes of the prostanoid pathway by a long polymerase chain reaction. *UCD Summer Student Research Awards (SSRA) Symposium October 2009*.

#### Other

- 1. **Mac Grory B**, Cutting S, Yaghi S. Patent Foramen Ovale. <a href="http://www.medlink.com/article/patent\_foramen\_ovale">http://www.medlink.com/article/patent\_foramen\_ovale</a>
- 2. Vu L, Mac Grory B, Marcolini E, Gottschalk CH, Greer DM. Development of a clinical decision rule for subarachnoid hemorrhage headache in the emergency department. Yale University School of Medicine Class of 2017 Final Year Thesis.
- 3. Yarnell S, **Mac Grory B**. 2015. Effects of Cinema on Psychological Wellbeing: Time for an Unhappy ending? *Journal of Humanistic Psychiatry*. 3(3): 25-31.

- 4. **Mac Grory B.** 2010. Inflammation of the Upper Airway in Obstructive Sleep Apnoea. *Journal of the Undergraduate Awards of Ireland*. Volume 1: p. 397-410.
- 5. **Mac Grory B**, O'Halloran KD, Jones JFX. 2009. The effect of pro-inflammatory cytokines on the discharge rate of vagal nerve paraganglia in the rat. *Irish Journal of Medical Science* 178 (Supplement 5): S157.

#### Professional Reports in Print or Other Media

- 1. "Which Headache Features May Help Identify Subarachnoid Hemorrhage?" *Neurology Reviews*. 2018 April 26; (4):15.
- 2. "Distinct Clinical Characteristics of Headache Associated With Subarachnoid Hemorrhage" <a href="https://www.neurologyadvisor.com/migraine-and-headache/clinical-characteristics-associated-with-nontraumatic-subarachnoid-hemorrhage/article/712190/">https://www.neurologyadvisor.com/migraine-and-headache/clinical-characteristics-associated-with-nontraumatic-subarachnoid-hemorrhage/article/712190/</a>