



NYU Langone Health Presenters at the 2022 AAN Annual Meeting

FEATURED TALKS

“Leading Under Adversity”

Steven L. Galetta

04/06/22, 5:00-5:45 pm PST

“Top 10 Clinical, Educational and Administrative Pearls”

Steven L. Galetta

04/07/22, 8:00-8:45 am

PLATFORM PRESENTATIONS

Neuro-ophthalmology 2, Neuro-ophthalmology course

Steven L. Galetta

04/03/2022, 1:00-3:00 pm

Neuro-ophthalmology 3, Neuro-ophthalmology course

Steven L. Galetta

04/03/2022, 3:30-5:30 pm

Resident Simulation (SIM) Education for Neuro-Ophthalmology Examination Skills

George Park¹, Scott Grossman², Lisena Hasanaj³, Janet Rucker³, Steven L. Galetta³, Laura Balcer⁴

¹Neurology, NYU Langone Hospital—Brooklyn, ²New York University, Langone Health, ³NYU Langone Medical Center, ⁴NYU Grossman School of Medicine

04/06/22, 3:00 pm, Experiential Learning Center

Recovery from Disorders of Consciousness after Severe COVID-19

Lindsey Gurin¹, Brian Im², Ariane Lewis³

¹Neurology, Psychiatry, Rehabilitation Medicine, ²Rehabilitation Medicine, NYU Langone Health, ³Neurology, Neurosurgery, NYU Langone Medical Center

Session name: N4: Neuroscience in the Clinic: Neuroscience of Coma and Consciousness in the Clinic

Experiential learning of communication and professionalism for neurology faculty through virtual objective structured clinical examinations (OSCEs): Methodology and preliminary survey results

Cen Zhang¹, Ariane Lewis¹, Perrin Pleninger¹, Aaron Nelson¹, Lindsey Gurin¹, Sondra Zabar¹, Steven L. Galetta¹, Laura Balcer¹, Arielle Kurzweil¹

¹NYU Grossman School of Medicine

Session name: S34: Research Methodology and Education-Platform

A Longitudinal, Integrated Teleneurology Trainee Curriculum

Steve Han¹, Rebecca Stainman², Neil Busis³, Scott Grossman⁴, Sujata Thawani⁵, Arielle Kurzweil²

¹NYU Grossman School of Medicine, ²NYU, ³NYU Langone Health, ⁴New York University, Langone Health, ⁵NYU Neurology Associates

Session name: S34: Research Methodology and Education-Platform

At-Home Transcranial Direct Current Stimulation (tDCS) for Teleinterventions: Safety and Tolerability with Remote Supervision

Giuseppina Pilloni¹, Pamela Best¹, Allan George¹, Matthew Lustberg¹, Ibraheem Mirza¹, Lana Zhovtis Ryerson², Lauren Krupp², Leigh Charvet¹

¹Neurology, NYU Grossman School of Medicine, ²Neurology, NYU Langone Health

Session name: S10: Neuro-rehabilitation: Neuromodulation

Primary Results of NOVA: a Randomized Controlled Study of the Efficacy of 6-week Dosing of Natalizumab Versus Continued 4-week Treatment for Multiple Sclerosis

J. Foley, G. Defer, L. Zhovtis Ryerson, J.A. Coehen, D.L. Arnold, H. Butzkueven, G. Cutter, G. Giovannoni, J. Killestein, K. Smirnakis, S. Xiao, G. Kong, R. Kuhelj, N. Campbell

Session name: S14.005 – MS Therapeutics

LEARNING ENGAGEMENT CENTER (LEC) SESSIONS

Using Digital Technology to Advance Educational Initiatives Across the UME, GME, CME Continuum

Neil Busis, Rebecca Stainman, Arielle Kurzweil

04//04/2022, 4:00-5:00 pm

POSTER SESSIONS

Creating and Implementing a Virtual Simulation for Neurology Trainees

Rebecca Stainman¹, Steve Han², Scott Grossman², Neil Busis², Arielle Kurzweil²

¹Johns Hopkins University School of Medicine, ²New York University, Langone Health

Session name: P8: Medical Education to Improve Clinical Experience 2

Effectiveness of Natalizumab Treatment Inpatients With Early Relapsing-Remitting Multiple Sclerosis (RRMS) who were Treatment-Naive Versus Those Who Had Prior Disease-Modifying Therapy (DMT) Use

Jai Perumal¹, Roumen Balabanov², Roger Chang³, Laura J. Balcer⁴, Steven L. Galetta⁴, Robin Avila⁵, Danette Rutledge⁵, Robert J. Fox⁶

¹Weill Cornell Medical College, Cornell University, ²Northwestern University, ³Biogen, at the time of these analyses, ⁴New York University Grossman School of Medicine, ⁵Biogen, ⁶Mellen Center for Multiple Sclerosis, Cleveland Clinic

Session name: P6: MS Therapeutics MOA and Safety 1

The post-acute sequelae of COVID-19 (PASC) experience in an outpatient neurology setting

Sujata Thawani¹, Rachel Kenney², Lisena Hasanaj³, Jennifer Frontera⁴, Azizi Seixas⁵, Steven L. Galetta³, Laura Balcer⁶

¹NYU Neurology Associates, ²Vanderbilt School of Medicine, ³NYU Langone Medical Center, ⁴NYU Langone Health, ⁵University of Miami, ⁶NYU Grossman School of Medicine

Session name: S18: COVID-19: From Bedside and Beyond

Reported levels of comfort and experience with interprofessional and telehealth skills in a cohort of neurology faculty

Cen Zhang¹, Arielle Kurzweil¹, Perrin Pleninger¹, Aaron Nelson¹, Lindsey Gurin¹, Sondra Zabar¹, Steven L. Galetta¹, Laura Balcer¹, Ariane Lewis¹

¹NYU Grossman School of Medicine

Session name: P11: Social Media and Technology in Medical Education 1

Mobile Integrated Cognitive Kit (MICK): A Digitized Visual Rapid Automatized Naming (RAN) Task for Concussion on the Sidelines

Scott Grossman¹, George Park², Lisena Hasanaj¹, Marc Balcer³, Todd Hudson¹, John-Ross Rizzo¹, Janet Rucker¹, Steven L. Galetta¹, Laura Balcer¹

¹NYU Langone Health, ²NYU Langone Hospital—Brooklyn, ³Model Compilers LLC

Session name: P15: Neuro-ophthalmology and Neuro-otology Research: Ocular Motor and Vestibular 1

A Case of Opsoclonus-Myoclonus Ataxia with Neuronal Intermediate Filament IgG Detected in CSF

Melody Merati¹, Janet Rucker¹, Sean Pittcock², Andrew McKeon², Laura Balcer¹, Steven L. Galetta¹

¹NYU Grossman School of Medicine, ²Mayo Clinic

Session name: P2: Autoimmune Neurology: Autoimmune Encephalitis and Antibody Associated Neurologic Disorders 1

Headache Frequency and Quality of Life in Patients with Post-Acute Sequelae of COVID-19

Sujata Thawani¹, Rachel Kenney², Lisena Hasanaj³, Jennifer Frontera⁴, Steven L. Galetta³, Laura Balcer⁵

¹Neurology, NYU Grossman School of Medicine, ²Vanderbilt School of Medicine, ³NYU Langone Medical Center, ⁴NYU Langone Health, ⁵NYU Grossman School of Medicine

Session name: P9: Secondary Headache 2

Heart Rate Variability (HRV) Corresponds to Multiple Sclerosis Symptom Burden

Giuseppina Pilloni¹, Pamela Best¹, Lauren Krupp², Ilya Kister², Leigh Charvet¹

¹Neurology, NYU Grossman School of Medicine, ²Neurology, NYU Langone Health

Session name: P10: MS Symptom Assessment & Management 1

Characterization and Analysis of Neurologic Adverse Events Associated with COVID-19 Vaccination

Abhilasha Boruah^{1,2}, Erica Westenberg³, Abdul Hanif Khan⁴, Fan Kee Hoo⁴, Alla Guekht⁵, Marianna Spatola⁶, Ismael Calandri⁷, M Netravathi⁸, Tissa Wijeratne⁹, Elyce Warburton¹⁰, Mohamed Fahmy Doheim¹¹, Carolin Pulickal², Jakin Chen², Kiran Thakur², Nicholas Mulchan¹², Vivian Ssonko², Lindsay Tetreault¹², Jim Sejvar¹³, Simon Faissner¹⁴, Jeyanthan Charles James¹⁵, Jessica Hunter¹², David García-Azorín¹⁶, Arina Tamborska¹⁷, Maja Bresjanac¹⁸, Guillermo Delgado-Garcia¹⁹, Nina Singh¹², Betül Baykan²⁰, Hasim Gezezen²¹, Nana Kyei-Frimpong²², Andrea Winkler³, Jennifer Frontera¹²

¹Case Western Reserve University School of Medicine, ²Columbia University Irving Medical Center, ³Technical University of Munich, ⁴Universiti Putra Malaysia, ⁵Moscow Research and Clinical Center for Neuropsychiatry, ⁶Ragon Institute of MGH, MIT and Harvard, ⁷Departamento de Neurología, Fleni, ⁸National Institute of Mental health and Neurosciences, ⁹Melbourne Medical School and Western Health, ¹⁰Sunshine Hospital, ¹¹Alexandria University, ¹²NYU Langone Health, ¹³Centers for Disease Control and Prevention, ¹⁴St. Josef-Hospital, Klinikum Der Ruhr-University, ¹⁵Ruhr-University Bochum, ¹⁶Hospital Clínico Universitario de Valladolid, ¹⁷University of Liverpool, ¹⁸University of Ljubljana, ¹⁹University of Calgary, ²⁰Istanbul Medical Faculty, ²¹Istanbul University, ²²37 Military Hospital

Session name: S12: Neuroepidemiology

Markers of Inflammation Predict Post-Thrombectomy Mortality in Acute Stroke

Hannah Irvine¹, Leah Croll², Penina Krieger³, Amanda Zhao³, Jose Torres⁴, Kara Melmed⁵, Koto Ishida⁴, Aaron Lord⁶, Jennifer Frontera⁵, Ariane Lewis¹

¹NYU Langone Medical Center, ²NYU Langone Dept of Neurology, ³NYU Grossman School of Medicine, ⁴NYU, ⁵NYU Langone Health, ⁶NYU Langone-Brooklyn

Session name: P13: Interventional Neurology 2

Tachycardia is Associated with Mortality after Thrombectomy for Acute Ischemic Stroke

Penina Krieger¹, Amanda Zhao¹, Leah Croll², Hannah Irvine³, Jose Torres⁴, Kara Melmed⁵, Aaron Lord⁶, Koto Ishida⁴, Jennifer Frontera⁵, Ariane Lewis³

¹NYU Grossman School of Medicine, ²NYU Langone Dept of Neurology, ³NYU Langone Medical Center, ⁴NYU, ⁵NYU Langone Health, ⁶NYU Langone-Brooklyn

Session name: P14: Interventional Neurology 3

Novel Endovascular Method for Chronic Total Occlusion (CTO) of the Internal Carotid Artery (ICA)

Nicholas Mulchan¹, Phillip Yeun², Ambooj Tiwari¹, Jennifer Frontera¹, Ketevan Berekashvili¹, Jeffrey Farkas³, Jose Torres¹, Matthew Sanger¹

¹NYU Langone Health, ²Stony Brook Medicine, ³Interventional Neuro Associates

Session name: P14: Interventional Neurology 3

Teleintervention for Persisting Symptoms Post-Acute COVID-19 Illness Using Transcranial Direct Current Stimulation (tDCS)

Tehila Eilam-Stock¹, Allan George², Matthew Lustberg², Robyn Wolintz³, Lauren Krupp⁴, Leigh Charvet⁵

¹Neurology, NYU Langone Health, ²NYU Langone Health, ³NYU Langone Levit, ⁴NYU Langone Medical Center, ⁵NYU Langone

Session name: P18: Neuromodulation for Rehabilitation 2

A Teleintervention Program for Multiple Sclerosis (MS) Mobility: Exercise with Transcranial Direct Current Stimulation (tDCS)

Giuseppina Pilloni¹, Marilyn Moffat², Lauren Krupp³, Leigh Charvet¹

¹Neurology, NYU Grossman School of Medicine, ²Physical Therapy, NYU, ³Neurology, NYU Langone Health

Session name: P18: Neuromodulation for Rehabilitation 2

Clinical evidence that treatment with pepinembab, a novel regulator of neuroinflammation, provides cognitive benefit to patients with Huntington's and potentially other neurodegenerative diseases

Elizabeth Evans¹, Terrence Fisher¹, Vikas Mishra¹, Megan Boise¹, Amber Foster¹, Ernest Smith¹, John Leonard¹, Andrew Feigin², Eric Siemers³, Maurice Zauderer¹

¹Vaccinex, ²The Marlene and Paolo Fresco Institute for Parkinson's and Movement Disorders, NYU Langone Health, ³Siemers Integration LLC

Session name: P3: Movement Disorders: Huntington's Disease

In-Hospital Glucose Measurements are Associated with Mortality after Thrombectomy for Acute Ischemic Stroke

Penina Krieger¹, Amanda Zhao¹, Leah Croll², Hannah Irvine³, Jose Torres⁴, Kara Melmed⁵, Aaron Lord⁶, Koto Ishida⁴, Jennifer Frontera⁵, Ariane Lewis³

¹NYU Grossman School of Medicine, ²NYU Langone Dept of Neurology, ³NYU Langone Medical Center, ⁴NYU, ⁵NYU Langone Health, ⁶NYU Langone-Brooklyn

Session name: P4: Interventional Neurology and Thrombolytic Therapy 1

Walk Your Dizzy Patients! Gait Assessment in the Initial Evaluation of Posterior Circulation Stroke

Isaac Smith¹, Eduard Valdes², Kara Melmed²

¹Touro University California, ²NYU Langone Health

Session name: P7: Cerebrovascular Disease: Clinical Science 2

Nonconvulsive Status Epilepticus - A Potentially Underrecognized Consequence of Infant Botulism

Rachel Pauley¹, Levi Dygert¹, Aaron Nelson¹, Heather Lau²

¹NYU Langone Health, ²New York University School of Medicine

research to better characterize prevalence and prognosis of subclinical seizures in infant botulism is warranted.

Session name: P8: Infectious Disease: Bacteria, Fungi, and Parasites on the Mind and Body 1

Eye movement abnormalities in patients with Parkinson's disease (PD) and heterozygous GBA variants versus non-carrier PD

Hannah Conn¹, Giulietta Riboldi², Todd Hudson³, John Ross Rizzo³, John Martone³, Kelly Astudillo⁴, Janet Rucker⁴

¹New York University, Langone Medical Center, ²New York University, ³NYU Langone Health, ⁴NYU Langone Health

Session name: P8: Movement Disorders: Genetics 1

Natalizumab Extended Interval Dosing (EID) is Associated with a Reduced Risk of Progressive Multifocal Leukoencephalopathy (PML) Compared With Every-4-Week (Q4W) Dosing: Updated Analysis of the TOUCH[®] Prescribing Program Database

Lana Zhovtis Ryerson¹, John Foley², Ilya Kister¹, Gary Cutter³, Ryan Metzger², Judith D. Goldberg⁴, Xiaochun Li⁴, Karen Smirnakis⁵, Liesel Dsilva⁵, Wai Chin⁵, Evan Riddle⁵

¹Department of Neurology, NYU Langone Health, New York University, ²Rocky Mountain MS Clinic, ³University of Alabama School of Public Health, ⁴New York University Grossman School of Medicine, Division of Biostatistics, ⁵Biogen

Session name: S14: MS Therapeutics

VIRTUAL POSTERS

Factors Associated with Anxiety after Hemorrhagic Stroke

Anlys Olivera¹, Sarah Ecker¹, Aaron Lord², Lindsey Gurin³, Koto Ishida⁴, Kara Melmed⁵, Jose Torres⁴, Barry Czeisler¹, Cen Zhang¹, Jennifer Frontera⁵, Ariane Lewis¹

¹NYU Langone Medical Center, ²NYU Langone-Brooklyn, ³NYU Pearl Barlow Memory Center, ⁴NYU, ⁵NYU Langone Health

Factors Associated with Depression after Hemorrhagic Stroke

Janice Chou; Ecker; Alys Olivera; Aaron Lord; Lindsey Gurin; Koto Ishida; Kara Melmed; Jose Torres; Barry Czeisler; Cen Zhang; Jenn Frontera; Ariane Lewis

Technology as Treatment: Use of Virtual Complementary and Integrative Therapies by Patients in Neurology

Mia Minen¹, Neil Busis³, Steven Friedman², Maya Campbell⁴, Ananya Sahu⁴, Kazi Maisha⁵, Quazi Hossain⁵, Mia Soviero⁴, Deepti Verma⁵, Leslie Yao⁴, Farn-Yang Foo⁶, Jaydeep Bhatt⁷, Laura Balcer⁸, Steven L. Galetta⁹, Sujata Thawani¹⁰

¹Neurology, ²Population Health, NYU Langone Health, ³NYU Langone Health, ⁴Barnard College, Columbia University, ⁵The City College of New York, ⁶NYU Faculty Practice, ⁷NYU Neurology, ⁸NYU Grossman School of Medicine, ⁹NYU Langone Medical Center, ¹⁰NYU Neurology Associates

Humoral and Cellular Responses to SARS-CoV-2 Vaccines in MS Patients on Ocrelizumab and Other Disease-modifying Therapies: A Prospective Study From NYU Multiple Sclerosis Care Center

I. Kister, Y. Patskowsky, R. Curtin, I. Voloshyna, K. Perdomo, Z. Rimler, J. Pei, N. Ferstler, V. Yogambigai, S. Nyovanie, M. Mulligan, J. Kim, E. Tardio, T. Bacon, L. Zhovtis Ryerson, M. Samanovic-Golden, A. Cornelius, C. Raposo, J. Priest, R. Winger, M. Krogsgaard, G. Silverman

Neurofilament Serum Levels do not Correlate with Symptom Burden in Stable, Ocrelizumab-Treated MS Patients Enrolled into SYMptom Burden on Ocrelizumab, a Longitudinal Study (SYMBOLS)

M. McCluskey, C. Oh, R. Jungquist, Z. Rimler, E. Douglas, A. Bouley, J. Katz, I. Kister

COVID-19 Vaccination Uptake in a Multi-ethnic Urban Sample of MS Patients

V. Arena, I. Kister