

Curriculum Vitae

PERSONAL DATA

Name: Guillaume Lamotte, M.D., M.Sc.

Citizenship: United States, France

EDUCATION

<u>Years</u>	<u>Degree</u>	<u>Institution (Area of Study)</u>
2020 - 2021	Fellow	Mayo Clinic (Autonomic Disorders) Rochester, MN
2019 - 2020	Academic Chief Resident	National Institutes of Health / MedStar Georgetown University Hospital (Neurology) Washington, DC
2017 - 2019	Resident	National Institutes of Health / MedStar Georgetown University Hospital (Neurology (Clinician Scientist Track)) Washington, DC
2016 - 2017	Resident	National Institutes of Health / MedStar Georgetown University Hospital (Internal Medicine) Washington, DC
2013 - 2014	M.S.	University of Caen (Neurosciences) Caen, France, France
2012 - 2013	Diploma	Groupe Hospitalier Pitié Salpêtrière, Paris, France (Movement Disorders) Paris, France, France
2010 - 2015	Resident	University Hospital of Caen Basse Normandie (Neurology) Caen, France, France
2004 - 2010	M.D.	University of Caen Basse-Normandie (Medicine) Caen, France, France
2002 - 2007	M.S.	University of Caen Basse-Normandie (Infectious Disease and Tropical Disease) Caen, France, France
2002 - 2006	M.S.	University of Caen Basse-Normandie (Anatomy) Caen, France, France

BOARD CERTIFICATIONS

12/31/2022 - Present United Council for Neurologic Subspecialties (Autonomic Disorders), Certified

09/01/2020 - Present American Board of Psychiatry & Neurology (Neurology), Certified

02/01/2016 - Present National Board of Medical Examiners, Certified - does not expire

01/06/2016 - Present Educational Commission for Foreign Medical Graduates, Certified - does not expire

CURRENT LICENSES/CERTIFICATIONS

2021 - Present License to Practice Medicine and Surgery, Utah
2022 - Present License to Practice Medicine and Surgery, Wyoming
2020 - Present Advanced Cardiovascular Life Support

UNIVERSITY OF UTAH ACADEMIC HISTORY

Neurology (Sleep and Movement Disorders), 08/01/2021 - Present

08/01/2021 - Present Assistant Professor (Clinical)

PROFESSIONAL EXPERIENCE

Full-Time Positions

2021 - 2022 Assistant Professor (Clinical), Department of Neurology, University of Utah, Salt Lake City, UT (1.0 FTE)
2020 - 2021 Autonomic Disorders Fellow, Mayo Clinic, Rochester, MN
2016 - 2020 Neurology Resident, National Institutes of Health / Medstar Georgetown University Hospital, Washington, DC

Part-Time Positions

2022 - Present Assistant Professor (Clinical), Department of Neurology, University of Utah, Salt Lake City, UT (0.7 FTE)
2022 - Present Staff Clinician, George E. Wahlen Department of Veterans Affairs Medical Center, Salt Lake City, UT (0.3 FTE)

Editorial Experience

2024 - Present Editorial Board for Clinical Autonomic Research
2022 - 2023 Managing editor for *Clinical Autonomic Research*

Reviewer Experience

Reviewer for *Annals of Clinical and Translational Neurology*
Reviewer for *Clinical Autonomic Research*
Reviewer for *Journal of Neurological Sciences*
Reviewer for *Journal of Parkinson's Disease*
Reviewer for *Movement Disorders Clinical Practice*
Reviewer for *Neurology*

SCHOLASTIC HONORS

2023 American Autonomic Society Felicia Axelrod Young Investigator Award
2022 - Present Vice President's Clinical and Translational (VPCAT) Research scholar
2021 Clinical Research Excellence Award, National Institute of Neurological Disorders and Stroke
2020 Selected Best Presentation, Neurology Minutes Podcast, American Academy of Neurology

ADMINISTRATIVE EXPERIENCE

Administrative Duties

2023 - Present	Member of the Institutional Review Board, University of Utah
2023 - Present	Chair of the Science Committee, American Autonomic Society
2022 - Present	Member of the Western Intermountain Neurological Organization (WINO) meeting committee
2022 - Present	Co-director Cure PSP Center of excellence, University of Utah
2022 - Present	Medical director, Parkinson's Disease Center of excellence, University of Utah
2020 - 2021	Chief Resident, MedStar Georgetown University Hospital, organized resident lectures and education

Grant Review Committee/Study Section

2022 - Present	Member, CurePSP Grant Review Committee
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Symposium/Meeting Chair/Coordinator

2023	Chair, Multiple System Atrophy Session, 34th International Symposium on the Autonomic Nervous System, Puerto Rico, PR
2023	Chair, Autonomic Failure Session, 34th International Symposium on the Autonomic Nervous System, Puerto Rico, PR
2020	Chair, Clinical Session, American Autonomic Society, virtual

SERVICE AT PREVIOUS INSTITUTIONS

2015	Volunteer, Georgetown University School of Medicine, HOYA Clinic, Managed patients at a student-driven free clinic that caters to the health needs of D.C.'s homeless and uninsured population
2005 - 2006	Chair, University Hospital of Caen Basse Normandie, Student Council of Medical Students, Sports, Organizing recreational sports for the medical students, including a week-long ski trip, Caen, France

ADDITIONAL SERVICE CONTRIBUTIONS

2024 - Present	Independent Medical Evaluation for medico-legal cases
2021 - Present	Presentations for Support Groups and Patients <ul style="list-style-type: none">- Parkinson's disease symposium, University of Utah, Salt Lake City, UT, April 2023 – Autonomic dysfunction in Parkinson's disease- Parkinson's disease symposium, University of Utah, St George, UT, October 2023 – Autonomic dysfunction in Parkinson's disease- Non-motor symptoms in Parkinson's disease - Utah County Parkinson Support Group (virtual presentation 1.5 hours) 8/18/2022- Q&A Utah County Parkinson Support Group (in person 1.5 hours) 11/17/2022- Non-motor symptoms in Parkinson's disease - Teton Parkies Support Group, Jackson, WY (in person 1.5 hours) 1/8/2023- Deep brain stimulation in Parkinson's disease, Davis County Parkinson Support Group (in person 1.5 hours) 2/1/23- Q&A Salt Lake City Parkinson Support Group (in person 1.5 hours) 08/17/2023

CURRENT MEMBERSHIPS IN PROFESSIONAL SOCIETIES

Alpha Omega Alpha Honor Medical Society
American Academy of Neurology
American Autonomic Society
American Osler Society
Movement Disorder Society

FUNDING

Past Grants

04/01/22 - 03/31/23 University of Utah Seed Grant
Role: Principal Investigator

INDEPENDENT RESEARCH

2023 - Present Relationship between pupillometry, olfaction, balance, and cognition in individuals with Parkinson's disease and essential tremor. Prospective study investigating the relationship between pupillometry, olfaction, balance, and cognition in individuals with Parkinson's disease and essential tremor
Role: Principal Investigator

2023 - Present Hemodynamic responses to exercise in individuals with Parkinson's disease with and without orthostatic hypotension and on- and off-levodopa (PI – Markus Amann). We investigate the hemodynamic responses to exercise and study the neural control mechanisms of autonomic function during exercise in individuals with Parkinson's disease with and without orthostatic hypotension and on- and off-levodopa
Role: Associate Investigator

2022 - Present Cardiovascular Autonomic Regulation & Exercise in Parkinson's Disease (CARE-PD) (PI – Erin Suttman). We investigate the cardiovascular response to exercise in individuals with Parkinson's disease with and without autonomic failure
Role: Associate Investigator

TEACHING RESPONSIBILITIES/ASSIGNMENTS

Course Lectures

2021 Clinical Neurophysiology Lecture – Introduction to the autonomic nervous system, Mayo Clinic, Taught - introduction to the autonomic nervous system

2014 UE19: Master 1 Organe des Sens, University Hospital of Caen Basse Normandie, *Olfactory Dysfunction And Neurodegenerative Disease*

2010 - 2015 Neurology, University Hospital of Caen Basse Normandie, *Taught neurology through clinical cases for the students in their 5th and 6th years of medical school*

Clinical Teaching

2022 - Present Attending, George E. Wahlen VA Medical Center, 5 weeks per year, 2-3 residents

2022 - Present Attending, George E. Wahlen VA Medical Center, Weekly Movement Disorders Clinic, 3-4 residents

2021 - Present Attending, University of Utah Hospital, 3 weeks per year (general wards and consult), 2-3 residents

Mentoring/Advising

Resident

2019 Supervisor, Megan Chochol, Medstar Georgetown University Hospital, Supervision and mentorship to publish a case of clozapine-induced myoclonus secondary to acute smoking cessation.

Trainee's Current Career Activities: Faculty - Assistant Professor in Psychiatry, University of Utah, Salt Lake City, UT

PhD/Doctorate

2021 - Present Supervisor, Erin Suttman, University of Utah, Supervision and mentorship for grant submission: effects of cardiovascular autonomic dysfunction on the autonomic responses to an acute bout of exercise in patients with Parkinson disease with and without orthostatic hypotension.

Trainee's Current Career Activities: PhD candidate

2022 - Present Supervisor, Niyati Metha, Northwestern University, mentorship for a study looking at the impact of chronotropic incompetence on exercise-induced benefit in patients with Parkinson disease.

Trainee's Current Career Activities: PhD candidate

2022 - Present Supervisor, Danilo Iannetta, University of Utah, supervision / collaborator on a study looking at the cardiovascular response to exercise in patients with Parkinson disease with and without autonomic failure, on and off levodopa.

Trainee's Current Career Activities: Post-doctoral research fellow

Medical Student

2021 Supervisor, Anza Zahid, Mayo Clinic, Supervision and mentorship of Dr. Zahid leading to acceptance of a manuscript on Ross syndrome: "No man is an island - Unique pattern of anhidrosis with islands of preserved sweat in Ross syndrome"

Trainee's Current Career Activities: Resident physician in neurology

Undergraduate

2022 - Present Supervisor, Timi Earl, University of Utah, I was the supervisor of Timi Earl when we worked together to complete a study investigating the effect of levodopa on blood pressure and baroreflex function in Parkinson's disease. I supervised Timi Earl with regards to the design of the study, recruitment of participants, study visits, data analysis, and writing of the manuscript. For her work, Timi was the recipient of the prestigious Streeten Travel Fellowship Award and presented the study results at the 34th International Symposium on the Autonomic Nervous System, Puerto Rico, on November 17th, 2023.

2022 - Present Supervisor, Sam Tenhoeve, Caden Sol Jangard, Paige Noble. I supervise these undergraduate students on a study looking at pupillometry and olfactory function in people with Parkinson's disease and essential tremor.

Didactic Lectures

- 2022 How to publish in 2022? Mentor-mentee workshop organized by the American Autonomic Society. Virtual Lecture.
- 2022 Neuroanatomy of the Autonomic Nervous System & the Autonomic History. Henry Ford Hospital. Lecture for Neurology Residents. Virtual Lecture.
- 2022 Autonomic failure and Postural Tachycardia Syndrome. University of Tennessee Health Sciences Center. Lecture for Neurology Residents. Virtual Lecture.
- 2022 Overview of the Autonomic Nervous System. Los Angeles General Medical Center (LAC+USC), Department of Neurology. Virtual Lecture.
- 2022 Autonomic Neuropathies & Synucleinopathies. University Teaching Hospital, Lusaka, Zambia, Africa. Virtual Lecture.
- 2021 - Present Neurology clerkship lecture - introduction to movement disorders, University of Utah, Salt Lake City, UT
- 2021 - Present Treatment of Parkinson's disease. Annual lecture for neurology residents. University of Utah, Salt Lake City, UT

Internal Teaching Experience

- 2020 *Peripheral Noradrenergic Innervation in Synucleinopathies*, Subspeciality Conference, Mayo Clinic
- 2020 *Ischemic Stroke and SARS-CoV-2 Infection*, Stroke Lunch and Learn, Medstar Georgetown University Hospital, nursing staff, therapists, medical students, residents, fellows, faculty
- 2015 *Effect of physical activity on the motor and non-motor features in Parkinson's disease*, World Parkinson's Day, University Hospital of Caen

Continuing Education

CME Courses Taught

- 2021 Introduction to autonomic failure and small fiber neuropathies. Lecture for the POTS "101": Diagnosis and Treatment Conference. Salt Lake City, UT, USA
- 2022 Introduction to autonomic failure and small fiber neuropathies. Postural Tachycardia Syndrome (POTS) & Beyond Conference. Salt Lake City, UT, USA

PEER-REVIEWED JOURNAL ARTICLES

- Gibbons CH, Levine T, Adler C, Bellaire B, Wang N, Stohl J, Agarwal P, Aldridge GM, Barboi A, Evidente VGH, Galasko D, Geschwind MD, Gonzalez-Duarte A, Gil R, Gudesblatt M, Isaacson SH, Kaufmann H, Khemani P, Kumar R, **Lamotte G**, Liu AJ, McFarland NR, Miglis M, Reynolds A, Sahagian GA, Saint-Hillaire MH, Schwartzbard JB, Singer W, Soileau MJ, Vernino S, Yerstein O, Freeman R (2024). Skin Biopsy Detection of Phosphorylated α -Synuclein in Patients With Synucleinopathies.(Epub ahead of print). *JAMA*.
- Earl T, Jridi A, Thulin PC, Zorn M, McKee KE, Mitrovich K, Moretti P, Alshaikh J, Kassavetis P, Cortez MM, **Lamotte G** (2024). Effect of levodopa on postural blood pressure changes in Parkinson disease: a randomized crossover study. *Clin Auton Res*, 34(1), 117-124.

3. Rasmussen TK, Borghammer P, Finnerup NB, Jensen TS, Hansen J, Knudsen K, Singer W, **Lamotte G**, Terkelsen AJ (2024). Functional and (123)I-MIBG scintigraphy assessment of cardiac adrenergic dysfunction in diabetes.(Epub ahead of print) *Auton Neurosci*, 252, 103155.
4. Griffith G, **Lamotte G**, Mehta N, Fan P, Nikolich J, Springman V, Suttman E, Joslin E, Balfany K, Dunlap M, Kohrt WM, Christiansen CL, Melanson EL, Josbeno D, Chahine LM, Patterson CG, Corcos DM (2024). Chronotropic Incompetence During Exercise Testing as a Marker of Autonomic Dysfunction in Individuals with Early Parkinson's Disease.(Epub ahead of print). *J Parkinsons Dis*.
5. Corcos DM, **Lamotte G**, Luthra NS, McKee KE (2023). Advice to People with Parkinson's in My Clinic: Exercise.(Epub ahead of print). *J Parkinsons Dis*.
6. Lenka A, **Lamotte G**, Beach P (2023). Asymptomatic orthostatic hypotension in synucleinopathies: to treat or not to treat?(Epub ahead of print). *Clin Auton Res*.
7. **Lamotte G**, Sandroni P (2022). Updates on the Diagnosis and Treatment of Peripheral Autonomic Neuropathies. *Curr Neurol Neurosci Rep*, 22(12), 823-837.
8. Patterson CG, Joslin E, Gil AB, Spigle W, Nemet T, Chahine L, Christiansen CL, Melanson E, Kohrt WM, Mancini M, Josbeno D, Balfany K, Griffith G, Dunlap MK, **Lamotte G**, Suttman E, Larson D, Branson C, McKee KE, Goelz L, Poon C, Tilley B, Kang UJ, Tansey MG, Luthra N, Tanner CM, Haus JM, Fantuzzi G, McFarland NR, Gonzalez-Latapi P, Foroud T, Motl R, Schwarzschild MA, Simuni T, Marek K, Naito A, Lungu C, Corcos DM, SPARX3-PSG Investigators (2022). Study in Parkinson's disease of exercise phase 3 (SPARX3): study protocol for a randomized controlled trial. *Trials*, 23(1), 855.
9. **Lamotte G**, Lenka A (2022). Orthostatic Hypotension in Parkinson Disease: What Is New? *Neurol Clin Pract*, 12(5), e112-e115.
10. Lenka A, Di Maria G, **Lamotte G**, Bahroo L, Jankovic J (2022). Practical pearls to improve the efficacy and tolerability of levodopa in Parkinson's disease. *Expert Rev Neurother*, 22(6), 489-498.
11. Castillo-Pinto C, **Lamotte G**, Mehta A, Sonti R, Di Maria G, Ruiz D, Kumar PN, Stemer AB, Denny MC (2022). Healthcare Worker With Large Vessel Acute Ischemic Stroke Likely Related to Mild SARS-CoV-2 Infection. *Neurohospitalist*, 12(1), 48-56.
12. **Lamotte G**, Coon EA, Suarez MD, Sandroni P, Benarroch E, Cutsforth-Gregory JK, Mauermann ML, Berini SE, Shouman K, Sletten D, Goodman BP, Low PA, Singer W (2022). Standardized Autonomic Testing in Patients With Probable Radiation-Induced Afferent Baroreflex Failure. *Hypertension*, 79(1), 50-56.
13. Goldstein DS, Isonaka R, **Lamotte G**, Kaufmann H (2021). Different phenoconversion pathways in pure autonomic failure with versus without Lewy bodies. *Clin Auton Res*, 31(6), 677-684.
14. Lauren R, **Lamotte G** (2021). The midline cerebellar lesion in experimental Wernicke disease. *Neurol India*, 69(6), 1624.
15. **Lamotte G**, Shouman K, Benarroch EE (2021). Stress and central autonomic network. *Auton Neurosci*, 235, 102870.
16. **Lamotte G**, Sandroni P (2021). A practical approach to peripheral autonomic neuropathies. *Curr Opin Neurol*, 34(5), 638-647.
17. **Lamotte G**, Sandroni P, Cutsforth-Gregory JK, Berini SE, Benarroch EE, Shouman K, Mauermann ML, Anderson J, Low PA, Singer W, Coon EA (2021). Clinical presentation and autonomic profile in Ross syndrome. *J Neurol*, 268(10), 3852-3860.
18. **Lamotte G**, Takahashi M, Wu T, Sullivan P, Cherup J, Holmes C, Goldstein DS (2021). Do indices of baroreflex failure and peripheral noradrenergic deficiency predict the magnitude of orthostatic hypotension in Lewy body diseases? *Clin Auton Res*, 31(4), 543-551.

19. **Lamotte G** (2021). Central pontine myelinolysis secondary to rapid correction of hyponatremia historical perspective with Doctor Robert Laureno. *Neurol Sci*, 42(8), 3479-3483.
20. **Lamotte G**, Coon EA, Suarez MD, Sandroni P, Benarroch EE, Cutsforth-Gregory JK, Mauermann ML, Berini SE, Shouman K, Sletten D, Goodman BP, Low PA, Singer W (2021). Natural History of Afferent Baroreflex Failure in Adults. *Neurology*, 97(2), e136-e144.
21. Goldstein DS, Sullivan P, Holmes C, **Lamotte G**, Lenka A, Sharabi Y (2021). Differential abnormalities of cerebrospinal fluid dopaminergic versus noradrenergic indices in synucleinopathies. *J Neurochem*, 158(2), 554-568.
22. Shouman K, Vanichkachorn G, Cheshire WP, Suarez MD, Shelly S, **Lamotte GJ**, Sandroni P, Benarroch EE, Berini SE, Cutsforth-Gregory JK, Coon EA, Mauermann ML, Low PA, Singer W (2021). Autonomic dysfunction following COVID-19 infection: an early experience. *Clin Auton Res*, 31(3), 385-394.
23. Lenka A, Mittal SO, **Lamotte G**, Pagan FL (2021). A Pragmatic Approach to the Perioperative Management of Parkinson's Disease. *Can J Neurol Sci*, 48(3), 299-307.
24. **Lamotte G**, Benarroch EE (2021). What Is the Clinical Correlation of Cardiac Noradrenergic Denervation in Parkinson Disease? *Neurology*, 96(16), 748-753.
25. Lenka A, **Lamotte G**, Goldstein DS (2021). Cardiac 18F-Dopamine PET Distinguishes PD with Orthostatic Hypotension from Parkinsonian MSA. *Mov Disord Clin Pract*, 8(4), 582-586.
26. **Lamotte G**, Lenka A (2021). Brainstem Predominant Posterior Reversible Encephalopathy Syndrome. *Neurol India*, 69(2), 536-537.
27. **Lamotte G**, Holmes C, Sullivan P, Lenka A, Goldstein DS (2020). Cardiosselective peripheral noradrenergic deficiency in Lewy body synucleinopathies. *Ann Clin Transl Neurol*, 7(12), 2450-2460.
28. Castillo-Pinto C, **Lamotte G**, et al (2020). Healthcare Worker With Large Vessel Acute Ischemic Stroke Likely Related to Mild SARS-CoV-2 Infection. *Neurohospitalist*.
29. Farzal Z, **Lamotte G**, Mundel E, Bahroo L, Pagan F (2020). Treatment Approaches to Cervical Dystonia. *Pract Neurol*.
30. **Lamotte G**, Bahroo L (2020). Tardive Dyskinesia: Diagnosis and Misconceptions. (2).
31. **Lamotte G**, Holmes C, Wu T, Goldstein DS (2019). Long-term trends in myocardial sympathetic innervation and function in synucleinopathies. *Parkinsonism Relat Disord*, 67, 27-33.
32. Farzal Z, **Lamotte G**, Bahroo L (2019). Pharmacologic Treatment of Hyperkinetic Movement Disorders. *Pract Neurol*.
33. Farzal Z, **Lamotte G**, Bahroo L (2019). Parkinson's Disease Treatment Update. *Pract Neurol*.
34. **Lamotte G**, Holmes C, Sullivan P, Goldstein DS (2019). Substantial renal conversion of L-threo-3,4-dihydroxyphenylserine (droxidopa) to norepinephrine in patients with neurogenic orthostatic hypotension. *Clin Auton Res*, 29(1), 113-117.
35. Laureno R, **Lamotte G**, Mark AS (2018). Sequential MRI in pontine and extrapontine myelinolysis following rapid correction of hyponatremia. *BMC Res Notes*, 11(1), 707.
36. **Lamotte G** (2018). Author response: Mystery Case: A case of fulminant encephalopathy in a 69-year-old woman. *Neurology*, 90(15), 714.
37. **Lamotte G**, Farzal Z, Zimmerman WD, Han S, de Brito P, Mayson D (2017). Clinical Reasoning: Monocular vision loss, ophthalmoplegia, and strokes in a 61-year-old man with diabetes mellitus. *Neurology*, 89(24), e276-e281.

38. **Lamotte G**, Williams C (2017). Mystery Case: A case of fulminant encephalopathy in a 69-year-old woman. *Neurology*, 89(9), e109-e114.
39. **Lamotte G**, Shah RC, Lazarov O, Corcos DM (2017). Exercise Training for Persons with Alzheimer's Disease and Caregivers: A Review of Dyadic Exercise Interventions. *J Mot Behav*, 49 (4), 365-377.
40. **Lamotte G**, Agostini D (2017). Erratum to: Cardiac 123I-MIBG scintigraphy: A window into the brain in Parkinsonism? *J Nucl Cardiol*, 24(1), 111.
41. **Lamotte G**, Morello R, Lebasnier A, Agostini D, Bouvard G, De La Sayette V, Defer GL (2016). Influence of education on cognitive performance and dopamine transporter binding in dementia with Lewy bodies. *Clin Neurol Neurosurg*, 146, 138-43.
42. Lebasnier A, **Lamotte G**, Manrique A, Peyronnet D, Bouvard G, Defer G, Agostini D (2015). Potential diagnostic value of regional myocardial adrenergic imaging using (123)I-MIBG SPECT to identify patients with Lewy body diseases. *Eur J Nucl Med Mol Imaging*, 42(7), 1043-51.
43. **Lamotte G**, Morello R, Lebasnier A, Agostini D, Defer GL (2015). Accuracy and cutoff values of delayed heart to mediastinum ratio with (123)I-metaiodobenzylguanidine cardiac scintigraphy for Lewy body disease diagnoses. *BMC Neurol*, 15, 83.
44. **Lamotte G**, Skender E, Rafferty MR, David F, Sadowsky S, Corcos DM (2015). Effects of progressive resistance exercise training on the motor and non-motor features of Parkinson's disease: a review. *J Parkinsons Dis*, 4, 11-27.
45. **Lamotte G**, Rafferty MR, Prodoehl J, Kohrt WM, Comella CL, Simuni T, Corcos DM (2015). Effects of endurance exercise training on the motor and non-motor features of Parkinson's disease: a review. *J Parkinsons Dis*, 5(1), 21-41.

REVIEW ARTICLES

1. **Lamotte G**, Singer W (2023). Synucleinopathies. [Review]. *Handb Clin Neurol*, 196, 175-202.

BOOKS

1. Appenzeller, **Lamotte**, Coon (2022). *Introduction to Basic Aspects of the Autonomic Nervous System, 6th Edition Volume 1 and Introduction to Clinical Aspects of the Autonomic Nervous System, 6th Edition Volume 2* (6th Edition). Elsevier.
2. Di Maria G, **Lamotte G** (2020). *Introduction to Nerve Conduction Study and Electromyography A short guide for Neurology residents*.

BOOK CHAPTERS

1. **Lamotte**, Foster (2023). Appropriate Use of Biomarkers in Suspected Neurodegenerative Diseases. In Donna J. Cross, Karina Mosci, Satoshi Minoshima (Eds.), *Molecular Imaging of Neurodegenerative Disorders* (1). Springer.
2. **Lamotte**, Coon (2022). Multiple System Atrophy. In Italo Biaggioni, Kirsteen Browning, Gregory Fink, Jens Jordan, Phillip A. Low, Julian F.R. Paton (Eds.), *Primer on the Autonomic Nervous System* (4th). Elsevier.
3. **Lamotte**, Low (2022). Postural Tachycardia Syndrome. In Italo Biaggioni, Kirsteen Browning, Gregory Fink, Jens Jordan, Phillip A. Low, Julian F.R. Paton (Eds.), *Primer on the Autonomic Nervous System* (4th). Elsevier.
4. **Lamotte**, Goldstein (2022). Cardiac Sympathetic Imaging. In Italo Biaggioni, Kirsteen Browning, Gregory Fink, Jens Jordan, Phillip A. Low, Julian F.R. Paton (Eds.), *Primer on the Autonomic Nervous System* (4th). Elsevier.

5. **Lamotte**, Low, Singer (2022). Pyridostigmine. In Italo Biaggioni, Kirsteen Browning, Gregory Fink, Jens Jordan, Phillip A. Low, Julian F.R. Paton (Eds.), *Primer on the Autonomic Nervous System* (4th). Elsevier.

ADDITIONAL PUBLICATIONS

Editorials

1. **Lamotte G** (2023). Recent updates in autonomic research: new insights into vagal nerve activity during exercise, cardiac autonomic neuropathy and silent myocardial infarction in diabetes, and timing of orthostatic blood pressure change and future risk of dementia. *Clin Auton Res*, 33(6), 619-621.
2. Baker JR, Bourne KM, **Lamotte G** (2023). Recent updates in autonomic research: a focus on new technologies with high-resolution procedures to study sympathetic nerve activity, plasma proteomic profiling in POTS, and non-invasive neuromodulation with focused ultrasound. *Clin Auton Res*, 33 (1), 11-14.
3. **Lamotte G**, Kaufmann H, Jordan J (2023). The Clinical Autonomic Research journal 2022 and onward. *Clin Auton Res*, 33(1), 1-2.
4. **Lamotte G**, Cheshire WP (2022). Do not forget about caregivers in autonomic medicine! *Clin Auton Res*, 32(6), 403-404.
5. **Lamotte G**, Kaufmann H (2022). Movement disorder society criteria for the diagnosis of multiple system atrophy-what's new? *Clin Auton Res*, 32(3), 163-165.
6. **Lamotte G**, Goldstein DS (2022). What new can we learn from cardiac sympathetic neuroimaging in synucleinopathies? *Clin Auton Res*,
7. **Lamotte G**, Millar Verneti P (2021). Inhibition of the norepinephrine transporter to treat neurogenic orthostatic hypotension: is this the end of the story? *Clin Auton Res*, 31(6), 645-647.
8. **Lamotte G**, Boes CJ, Low PA, Coon EA (2021). The expanding role of the cold pressor test: a brief history. *Clin Auton Res*, 31(2), 153-155.
9. **Lamotte G**, Becker B (2020). Toward biomarker-based clinical subtyping of Parkinson disease. *Neurology*, 95(11), 461-462.
10. Guillaume L, Denis A (2017). Cardiac 123I-MIBG scintigraphy: A window into the brain in Parkinsonism? *J Nucl Cardiol*, 24(1), 108-110.

Letters

1. Zahid A, Coon EA, **Lamotte G** (2021). "No man is an island"-unique pattern of anhidrosis with islands of preserved sweat in Ross syndrome. [Letter to the editor]. *Neurol Sci*, 42(12), 5399-5400.
2. Cutsforth-Gregory JK, Benarroch EE, **Lamotte G** (2021). Platypnea-orthodeoxia syndrome mimicking postural orthostatic tachycardia syndrome. [Letter to the editor]. *Clin Auton Res*, 31(4), 573-576.
3. **Lamotte G**, Sandroni P (2021). A case of Ross syndrome associated with systemic sclerosis. [Letter to the editor]. *Clin Auton Res*, 31(3), 463-465.
4. **Lamotte G**, Benarroch EE, Coon EA (2021). Paroxysmal hypothermia and hyperhidrosis with exacerbation after COVID-19 Infection. [Letter to the editor]. *Clin Auton Res*, 31(2), 327-329.
5. Chochol MD, Kataria L, O'Rourke MC, **Lamotte G** (2019). Clozapine-Associated Myoclonus and Stuttering Secondary to Smoking Cessation and Drug Interaction: A Case Report. [Letter to the editor]. *J Clin Psychopharmacol*, 39(3), 275-277.

6. **Lamotte G**, Laballe R, Dupuy B (2014). Bilateral eyelid retraction, loss of vision, ophthalmoplegia: an atypical triad in anti-GQ1b syndrome. [Letter to the editor]. *Rev Neurol (Paris)*, 170(6-7), 469-70.
7. **Lamotte G**, Caillot A, Di Palma C, Lechapt-Zalcman E, Benateau H, Coge J (2014). Intramedullary metastasis of a cutaneous squamous cell carcinoma. [Letter to the editor]. *Rev Neurol (Paris)*, 170(3), 230-2.
8. **Lamotte G**, Danaila TC, Jaillon-Rivière V, Hitier M, Defer GL (2014). Paraneoplastic opsoclonus myoclonus with autoantibodies to glutamic acid decarboxylase. [Letter to the editor]. *Rev Neurol (Paris)*, 170(1), 50-1.
9. **Lamotte G**, Coge J, Viader F (2012). Interferon- β -1a-induced psychosis in a patient with multiple sclerosis. [Letter to the editor]. *Psychiatry Clin Neurosci*, 66(5), 462.

Others

1. **Lamotte G**, Rafferty MR, Prodoehl J, Kohrt WM, Comella CL, Simuni T, Corcos DM (2015). Effects of Endurance Exercise Training on The Motor and Non-Motor Features of Parkinson's Disease: A Review. *J Parkinsons Dis* (5(4), p. 993). Netherlands.

Multimedia

1. **Lamotte G** (2020). Treatment induced neuropathy of diabetes [Podcast], American Academy of Neurology Neurology Minute.

POSTER PRESENTATIONS

- 2023 "Peripheral sudomotor abnormalities in postural tachycardia syndrome (POTS)". Poster at the American Academy of Neurology Meeting. Boston, MA
- 2022 "Chronotropic incompetence in early Parkinson's disease" Poster at the annual Parkinson Study Group meeting, Phoenix, AZ
- 2022 "Sensitivity and Specificity of the 2008 Diagnostic Criteria for Multiple System Atrophy – A Clinicopathological Study", Poster at the American Academy of Neurology Meeting, Seattle, WA
- 2021 "Autonomic dysfunction following COVID-19 infection: an early experience". Poster at the American Autonomic Society Meeting, virtual meeting
- 2021 "Natural history and autonomic profile in adults with afferent baroreflex failure". Poster at the American Autonomic Society Meeting, virtual meeting
- 2021 "Differential abnormalities of cerebrospinal fluid dopaminergic vs. noradrenergic indices in synucleinopathies". Poster at the American Autonomic Society Meeting, virtual meeting
- 2021 "Clinical presentation and autonomic profile in Ross syndrome". Poster at the American Autonomic Society Meeting, virtual meeting
- 2021 "Cardiac 18F-Dopamine PET distinguishes PD with orthostatic hypotension from parkinsonian MSA". Poster at the American Autonomic Society Meeting, virtual meeting
- 2020 "Systemic and forearm hemodynamics, plasma catecholamines, and power spectral analysis of heart rate variability during tilt-evoked hypotension". Poster at the Medstar Health Research Symposium, Washington, DC
- 2019 "Long-term changes in myocardial sympathetic innervation and function in synucleinopathies". Poster at the American Autonomic Society Meeting, Tampa Bay, FL
- 2019 "Long-term changes in myocardial sympathetic innervation and function in synucleinopathies". Poster at the International Movement Disorders Conference, Nice, France

- 2019 "Long-term changes in myocardial sympathetic innervation and function in synucleinopathies". Poster at the Medstar Health Research Symposium, Washington, DC
- 2018 "Clozapine-induced myoclonus, drop attacks and stuttering associated with smoking cessation in a patient with schizophrenia – a case report". Poster at the Medstar Health Research Symposium, Washington, DC
- 2018 "Renal conversion of L-dihydroxyphenylserine (Droxidopa) to norepinephrine in levodopa-untreated patients with neurogenic orthostatic hypotension". Poster at the Medstar Health Research Symposium, Washington, DC
- 2017 "Early Mitral Valve Repair In A Patient With Infective Endocarditis Complicated By Ischemic Stroke and Subarachnoid Hemorrhage: Case Report And Review Of The Literature". Poster at the American Thoracic Society conference, Washington DC
- 2017 "Pembrolizumab-induced myasthenia gravis and myositis: a case report and review of the literature of neurological complications associated with programmed cell death 1 receptor inhibitors". Poster at the MedStar Health Research Symposium, Washington DC
- 2016 "Descriptive analysis of patients with concurrent Huntington's Disease and Multiple Sclerosis in the ENROLL-HD prospective registry study". Poster at the Tenth Annual Huntington Disease Clinical Research Symposium, Nashville, TN
- 2016 "Influence of Education on Cognitive Performance and Dopamine Transporter Binding in Dementia with Lewy Bodies". Poster at the Annual Congress of the European Association of Nuclear Medicine, Barcelona, Spain
- 2015 "Could Natalizumab provide benefits in Huntington disease? A case report". Poster at the Ninth Annual Huntington Disease Clinical Research Symposium, Tampa Bay, FL
- 2015 "The twitch interpolation technique in the first dorsal interosseous muscle: peripheral nerve stimulation versus transcranial magnetic stimulation". Poster at the Society For Neuroscience Annual Meeting, Chicago, IL
- 2015 "Striatal Dopamine Transporter Binding Correlates with Education in Dementia with Lewy Bodies". Poster at the American Academy of Neurology Meeting, Washington, DC
- 2014 "Accuracy and Diagnosis Cutoff Points of 123I-metaiodobenzylguanidine Myocardial Scintigraphy for Lewy Body Disease Diagnoses in Parkinsonian Syndromes: A Study of 62 Consecutive Patients in an Expert Center". Poster at the American Academy of Neurology Meeting, Philadelphia, PA
- 2014 "Hyperactivity and Obsessive Compulsive Disorder: An Unusual Presentation in Perry Syndrome A Clinicopathological Study". Poster at the American Academy of Neurology Meeting, Philadelphia, PA
- 2013 "Optic neuropathy, bilateral eyelid retraction and ophthalmoplegia: an atypical triad in anti-GQ1b syndrome". Poster at the Journées de Neurologie de Langue Française, Paris, France. Revue Neurologique, Volume 169, Supplement 2, April 2013, Page A154.
- 2011 "Opsoclonus-myoclonus: About three cases". Poster at the Movement Disorder Society International Conference, Toronto, ON, Canada
- 2011 Syndrome Opsoclonus-Myoclonus : à propos de deux cas. Journées de Neurologie de Langue Française, Paris, France

ORAL PRESENTATIONS

Keynote/Plenary Lectures

International

2023 "Autonomic dysfunction in Parkinson disease: from rest to exercise". Keynote Speaker at the 34th International Symposium on the Autonomic Nervous System, Puerto Rico

Meeting Presentations

International

2024 "Evaluation and Management of Autonomic Disorders: Central Autonomic Disorders". Oral Presentation (Education Session) at the American Academy of Neurology Meeting, Denver, CO

2023 "Effect of levodopa on blood pressure and baroreflex function in Parkinson disease". Oral Presentation at the 34th International Symposium on the Autonomic Nervous System, Puerto Rico

2023 "Evaluation and Management of Autonomic Disorders: Autonomic Testing, Failure, and Peripheral Neuropathies", Oral Presentation (education Session), American Academy of Neurology, Boston, MA

2022 "Diagnostic value of ambulatory blood pressure monitoring across the spectrum of orthostatic intolerance", Oral Presentation at the 33rd International Symposium on the Autonomic Nervous System, Maui, HI

2022 "Evaluation and Management of Autonomic Disorders: Autonomic Testing, Failure, and Peripheral Neuropathies", Oral Presentation (Education Session), American Academy of Neurology, Seattle, WA

2020 "Sympathetic noradrenergic deficiency in Lewy body diseases is cardioselective". Presented orally and as a poster at the American Autonomic Society Meeting, virtual meeting

2017 "Renal conversion of L-dihydroxyphenylserine (droxidopa) to norepinephrine in levodopa-untreated patients with neurogenic orthostatic hypotension". Oral Presentation at the American Autonomic Society Meeting, Tampa Bay, FL

National

2022 "Introduction to autonomic failure and autonomic neuropathies". Oral Presentation at the POTS and Beyond Conference, Salt Lake City, UT

2022 "Autonomic dysfunction in Parkinson's disease-Does it really matter?", Oral Presentation at the Western Intermountain Neurological Organization (WINO) Meeting, Salt Lake City, UT

Local/Regional

2017 "Cyanosis Following Transesophageal Echocardiography: Thinking Outside the Box". Poster at the Mid-Atlantic Capital Cardiology Symposium, Washington, DC

Invited/Visiting Professor Presentations

National

2022 "Chronotropic Incompetence in Parkinson's Disease". Invited Presentation. Institute for Exercise and Environmental Medicine (IEEM) at Texas Health Presbyterian Hospital, Dallas, TX

Local/Regional

2023 "Autonomic dysfunction in Parkinson's disease: from rest to exercise". Oral Presentation at the Utah Vascular Laboratory Symposium. University of Utah, Salt Lake City, UT

Grand Rounds Presentations

2024 G. Lamotte. "Autonomic Dysfunction in Parkinson's disease: from rest to exercise". Grand Rounds, Department of Neurology, University of Utah, Salt Lake City, UT, USA

2023 G. Lamotte. "Autonomic dysfunction: clinical presentation, testing, and treatment". Internal Medicine Grand Round, University of Maryland, MD, USA

2021 G. Lamotte. "Updates on Rapid-Eye-Movement Sleep Behavior Disorder and Parkinson Disease" - Sleep Medicine Grand Rounds, University of Utah, Salt Lake City, Utah

2021 G. Lamotte. "Afferent baroreflex failure - natural history and autonomic profile". Grand Rounds, Department of Neurology, University of Utah, Salt Lake City, UT, USA

2021 G. Lamotte. "Cardioselective peripheral noradrenergic deficiency in Lewy body synucleinopathies". National Institutes of Neurological Disorders and Stroke (NINDS), Bethesda, MD

2020 G. Lamotte. "Pure Autonomic Failure". Grand Rounds, National Institutes of Neurological Diseases and Stroke (NINDS), Bethesda, MD

2020 G. Lamotte. "Sick but not dead" - evidence for functional abnormalities in catecholaminergic nerve terminals in Parkinson's disease. Department of Neurology, Clinical Neurosciences Center, University of Utah School of Medicine, Salt Lake City, UT