

CURRICULUM VITAE
Jeffrey Lambe, MBBCh MD MRCPI

Neuroimmunology Fellow

Mellen Center for Multiple Sclerosis, Cleveland Clinic, Cleveland, OH

Business Address: 1950 E 89th St, Cleveland, OH 44195

Phone: 216-310-6432

E-mail: lambej@ccf.org

Education and Training

- 2024 - **Clinical Research Fellow, Neuroimmunology**
Mellen Center for Multiple Sclerosis, Cleveland Clinic, Cleveland, OH
- 2024 - **Candidate, Master's Degree in Clinical Research**
Clinical Research Scholars Program, Case Western Reserve University, Cleveland, OH
- 2020 - 2024 **Residency, Adult Neurology**
Chief Resident, 2023-24
Cleveland Clinic, Cleveland, OH
- 2018 - 2024 **MD (Doctor of Medicine Graduate Research Degree)**
Thesis: In vivo investigation of the modulation of retinal atrophy by ocrelizumab in multiple sclerosis: a prospective study
University College Dublin, Dublin, Ireland
- 2018 – 2020 **Post-Doctoral Research Fellowship, Neuroimmunology**
Johns Hopkins School of Medicine, Baltimore, MD
- 2018 – 2019 **Statistical Methods in Public Health**
Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
- 2016 – 2018 **MRCPI (Member of the Royal College of Physicians of Ireland), Senior House Officer, Internal Medicine**
Saint James's Hospital, Dublin, Ireland
- 2015 – 2016 **Intern, Medicine**
Saint Vincent's Hospital, Dublin, Ireland
- 2009 – 2015 **MBBCh (Bachelor of Medicine, Bachelor of Surgery)**
University College Dublin, Dublin, Ireland

Peer-Reviewed Publications

1. Ehrhardt H, **Lambe J**, Moussa H, Vasileiou, Kalaitzidis G, Murphy OC, et al. Effects of ibudilast on retinal atrophy in progressive multiple sclerosis subtypes: post-hoc analyses of the SPRINT-MS Trial. *Neurology*. 2023; 101(10):e1014-1024. doi: 10.1212/WNL.0000000000207551.

2. Kalaitzidis G, Pellegrini N, Nagy N, Vasileiou E, Ehrhardt H, Reppen A,... **Lambe J**, et al. Effects of myopia on rates of change in optical coherence tomography measured retinal layer thicknesses in people with multiple sclerosis and healthy controls. *Curr Eye Res*. 2023; 48(3):312-319. doi: 10.1080/02713683.2022.2149806.
3. Murphy OC, Sotirchos ES, Kalaitzidis G, Vasileiou E, Ehrhardt H, **Lambe J**, Kwakyi O, et al. Trans-synaptic degeneration following acute optic neuritis in multiple sclerosis. *Ann Neurol*. 2023; 93(1):76-87. doi: 10.1002/ana.26529.
4. Kalaitzidis G, Filippatou AG, Fioravante F, Rothman A, Sotirchos ES, Vasileiou ES,... **Lambe J**, et al. Visual pathway involvement in NMDA receptor encephalitis: a clinical, optical coherence tomography, and 18-fluorodeoxyglucose PET/CT approach. *J Neuroophthalmol*. 2023; 43(2):220-226. doi: 10.1097/WNO.0000000000001696.
5. **Lambe J**, McGinley MP, Moss BP, Mao-Draayer Y, Kassa R, Ciotti J, et al. Myelin oligodendrocyte glycoprotein-IgG associated disorders (MOGAD) following SARS-CoV-2 infection: A case series. *J Neuroimmunol*. 2022; 370:577933. doi: 10.1016/j.jneuroim.2022.577933.
6. Sotirchos ES, Vasileiou ES, Filippatou AG, Fitzgerald KC, Smith MD, Lord HN, Kalaitzidis G, **Lambe J**, et al. Association of serum neurofilament light chain with inner retinal layer thinning in multiple sclerosis. *Neurology*. 2022; 99(7):e688-e697. doi: 10.1212/WNL.0000000000200778.
7. Vasileiou ES, Filippatou AF, Pimentel Maldonado D, Kalaitzidis G, Ehrhardt H, **Lambe J**, et al. Socioeconomic disparity is associated with faster retinal neurodegeneration in multiple sclerosis. *Brain*. 2021; 144(12):3665-3673. doi: 10.1093/brain/awab342.
8. Mizell R, Chen H, **Lambe J**, Saidha S, Harrison DM. Association of retinal atrophy with cortical lesions and leptomeningeal enhancement in multiple sclerosis on 7T MRI. *Mult Scler*. 2022; 28(3):393-405. 2021. doi: 10.1177/13524585211023343.
9. Filippatou AG, Vasileiou ES, He Y, Fitzgerald KC, Kalaitzidis G, **Lambe J**, et al. Optic neuritis-independent retinal atrophy in neuromyelitis optica spectrum disorder. *J Neuroophthalmol*. 2022; 42(1):e40-e47. doi: 10.1097/WNO.0000000000001282.
10. **Lambe J**, Risher H, Filippatou AG, Murphy OC, Sotirchos ES, Ehrhardt H, et al. Modulation of retinal atrophy with rituximab in multiple sclerosis. *Neurology*. 2021; 96(20):e2525-e2533. doi: 10.1212/WNL.0000000000011933.
11. **Lambe J**, Fitzgerald KC, Murphy OC, Filippatou AG, Sotirchos ES, Kalaitzidis G, et al. Association of spectral-domain OCT with long-term disability worsening in multiple sclerosis. *Neurology*. 2021; 96(16):e2058-e2069. doi: 10.1212/WNL.0000000000011788.
12. Murphy OC, Kalaitzidis G, Vasileiou E, Filippatou AG, **Lambe J**, Ehrhardt H, et al. Optical coherence tomography and optical coherence tomography angiography findings after optic neuritis in multiple sclerosis. *Front Neurol*. 2020; 11:618879. doi: 10.3389/fneur.2020.618879.
13. Filippatou AG, Moniruzzaman M, Sotirchos ES, Fitzgerald KC, Kalaitzidis G, **Lambe J**, et al. Serum ceramide levels are altered in multiple sclerosis. *Mult Scler*. 2021; 27(10):1506-1519. doi: 10.1177/1352458520971816.

14. Filippatou AG, Vasileiou ES, He Y, Fitzgerald KC, Kalaitzidis G, **Lambe J**, et al. Evidence of subclinical quantitative retinal layer abnormalities in AQP4-IgG seropositive NMOSD. *Mult Scler*. 2021; 27(11):1738-1748. doi: 10.1177/1352458520977771.
15. **Lambe J**, Saidha S, Bermel R. Optical coherence tomography and multiple sclerosis: Update on clinical application and role in clinical trials. *Mult Scler*. 2020; 26(6):624-639. doi: 10.1177/1352458519872751.
16. Filippatou AG*, **Lambe J***, Sotirchos ES, Fitzgerald KC, Aston A, Murphy OC, et al. [*Authors contributed equally]. Association of body mass index with longitudinal rates of retinal atrophy in multiple sclerosis. *Mult Scler*. 2020; 26(7):843-854. doi: 10.1177/1352458519900942.
17. Sotirchos ES, Gonzalez-Caldito N, Filippatou AG, Fitzgerald KC, Murphy OC, **Lambe J**, et al. Progressive multiple sclerosis is associated with faster and specific retinal layer atrophy. *Ann Neurol*. 2020; 87(6):885-896. doi: 10.1002/ana.25738.
18. **Lambe J**, Rothman A, Prince J, Saidha S, Calabresi PA, Newsome SD. Retinal pathology occurs in stiff person syndrome. *Neurology*. 2020; 94(20):e2126-e2131. doi: 10.1212/WNL.0000000000008943.
19. **Lambe J**, Murphy OC, Mu W, Sondergaard Schatz K, Baranano K, Venkatesan A. Relapsing remitting clinical course expands the phenotype of Aicardi-Goutières syndrome. *Ann Clin Transl Neurol*. 2020; 7(2):254-258. doi: 10.1002/acn3.50979.
20. Murphy OC, Kwakyi O, Iftikhar M, Zafar S, **Lambe J**, Pellegrini N, et al. Alterations in the retinal vasculature occur in multiple sclerosis and exhibit novel correlations with disability and visual function measures. *Mult Scler*. 2020; 26(7): 815-828. doi: 10.1177/1352458519845116.
21. Bede P, Finegan E, Chipika RH, Shing SL, **Lambe J**, Meaney J, Redmond J. Oculomotor neural integrator dysfunction in multiple sclerosis: insights from neuroimaging. *Front Neurol*. 2018; 23;9:691. doi: 10.3389/fneur.2018.00691.
22. **Lambe J**, Monaghan B, Munteanu T, Redmond J. CAPN1 mutations broadening the hereditary spastic paraplegia/spinocerebellar ataxia phenotype. *Pract Neurol*. 2018; 18(5):369-372. doi: 10.1136/practneurol-2017-001842.
23. **Lambe J**, Murphy OC, Saidha S. Can optical coherence tomography be used to guide treatment decisions in adult or pediatric multiple sclerosis? *Curr Treat Options Neurol*. 2018; 20(4):9. doi: 10.1007/s11940-018-0493-6.
24. **Lambe J**, Noone I, Lonergan R, Tubridy N. Auditing the frequency and the clinical and economic impact of testing for Fabry disease in patients under the age of 70 with a stroke admitted to Saint Vincent's University Hospital over a 6-month period. *Ir J Med Sci*. 2018; 187(1):189-92. doi: 10.1007/s11845-017-1625-9.
25. **Lambe J**, Redmond J. Analysis of the outpatient lumbar puncture service in a tertiary hospital. *Ir J Med Sci*. 2018; 187(2):521-524. Doi: 10.1007/s11845-017-1681-1.

Other Academic Activities

Oral Presentations

1. **Lambe J**, Thompson NR, Li Y, Nakamura K, Ontaneda D. Association of spinal cord radiomic features and disability in multiple sclerosis. Cleveland Clinic Neurological Institute Forum for Trainee Research Day; 2023 May 17; Cleveland; OH.
2. **Lambe J**, Murphy OC, Fitzgerald KC, Filippatou AG, Sotirchos ES, Fioravante N, et al. Spectral-domain optical coherence tomography predicts disability in multiple sclerosis up to 10 years later. European Committee for Treatment and Research in Multiple Sclerosis Meeting; 2019 September 11-13; Stockholm, SWE.

Notable Poster Presentations

1. **Lambe J**, Abrah A, Morgan A, Thompson NR, Lee JK, Kunchok A. Characteristics and clinical significance of MRI in anti-NMDA receptor encephalitis. American Academy of Neurology Meeting; 2024 April 13-18; Denver, CO
2. **Lambe J**, Thompson NR, Li Y, Nakamura K, Ontaneda D. Association of spinal cord radiomic features and disability in multiple sclerosis. European Committee for Treatment and Research in Multiple Sclerosis Meeting; 2023 October 11-13; Milan, ITA.
3. **Lambe J**, Ontaneda D, Cohen JA. Breakthrough disease due to failure of B-cell depletion in a patient with MS on ocrelizumab: a case report. Americas Committee for Treatment and Research in Multiple Sclerosis Meeting; 2022 February 24-26; West Palm Beach, FL, USA.
4. **Lambe J**, Risher H, Filippatou AG, Murphy OC, Sotirchos ES, Pellegrini N. Modulation of retinal atrophy by rituximab in multiple sclerosis. Americas Committee for Treatment and Research in Multiple Sclerosis Meeting; 2020 February 27-29; West Palm Beach, FL, USA.
5. **Lambe J**, Hardiman R, Dunne J, Conlon N. Validation of a Freelite assay in the analysis of free light chains as a diagnostic tool in multiple sclerosis. Irish Society of Immunology Meeting; 2017 September 14; Dublin, IRL.
6. **Lambe J**, Joyce M, Clarke C, Rogers C. Audit of the inpatient psychiatric detoxification service in Saint Vincent's University Hospital. Royal Academy of Medicine in Ireland: Intern Study Day; 2016 January 30; Dublin, IRL.
7. **Lambe J**, Nally D, Agnew G, Hanly A. An unusual cause of abdominal swelling in a teenage girl. Royal Academy of Medicine in Ireland: Intern Study Day; 2016 January 30; Dublin, IRL.

Commentaries

1. **Lambe J**, Saidha S. Association of Retinal Architecture, Intrathecal Immunity, and Clinical Course in Multiple Sclerosis [Peer commentary]. PracticeUpdate website. 2017.

Awards and Honors

- 2024, 2022 **Outstanding Preceptor, Medical students**
 Recognized among house staff across Cleveland Clinic to meet all criteria based on feedback regarding education from students completing core clerkships at Cleveland Clinic
Cleveland Clinic Lerner College of Medicine, Cleveland, OH
- 2023 **Neurology Resident Award, Cleveland Clinic Neurological Institute Forum for Trainee Research Day**
 Awarded best research presentation among all neurology residents at the annual Neurological Institute Research Day at Cleveland Clinic, based on the oral presentation ‘Association of Spinal Cord Radiomic Features and Disability in Multiple Sclerosis’
Cleveland, OH
- 2022 **ACTRIMS Resident Summit 2022**
 Selected to attend Americas Committee for Treatment and Research in Multiple Sclerosis educational summit for residents at the annual ACTRIMS meeting
West Palm Beach, FL
- 2021 **MASTER MS Fellowship Program 2021**
 Selected to attend the 15th annual MASTER MS Fellowship program, which involved interactive educational activities with MS educators and researchers
Virtual program
- 2019 **ECTRIMS Summer School 2019**
 Selected to attend European Committee for Treatment and Research in Multiple Sclerosis annual summer school in 2019, titled ‘Methodology of Study Design and Statistical Analysis’
Dublin, Ireland
- 2014 **UCD Medicine Stage 5 Scholarship**
 Awarded to the top 2 students in academic performance in each medicine class
University College Dublin, Dublin, Ireland
- 2014 **UCD Catholic University Award (Stage 4 Medicine)**
 Awarded to the top 5 students in academic performance across all 8 classes of medicine
University College Dublin, Dublin, Ireland
- 2014 **Harvard Medical School Scholarship**
 Scholarship to study pediatrics in Massachusetts General Hospital for a semester; awarded on the basis of academic performance and essay competition
Harvard Medical School, Boston, MA
- 2014 **Emory School of Medicine Scholarship**
 Summer elective scholarship to study oncology in Grady Memorial Hospital; awarded on the basis of academic performance and essay competition
Emory School of Medicine, Druid Hills, GA

2009 **UCD High Achiever Award**
Awarded on the basis of academic performance
University College Dublin, Dublin, Ireland

Educational Activities

2022 - 2024 **Lecturer, Medical students, Neurological Emergencies**
Cleveland Clinic Lerner College of Medicine, Cleveland, OH

2017 **Examiner, Medical students, Clinical Skills**
School of Medicine, Trinity College Dublin, Dublin, Ireland

2016 **Clinical Rotation Mentor, Medical students**
University College Dublin, Dublin, Ireland

2015 **Chief Author, Dem Dx Medical Technology App, Neurology Section**
Online App

Committees and Appointments

2023- 2024 **Chief Resident, Adult Neurology Residency**
Cleveland Clinic, Cleveland, OH

2022 - 2023 **Journal Club Chair, Adult Neurology Residency**
Cleveland Clinic, Cleveland, OH

2022 -2023 **Wellness Committee Chair, Adult Neurology Residency**
Cleveland Clinic, Cleveland, OH