

CURRICULUM VITAE



DOMENICO PLANTONE

Name

Domenico.plantone@unisi.it

E-mail

Italian

Nationality

27/06/1984

Date of birth

PROFESSIONAL EXPERIENCE

ASSISTANT PROFESSOR IN NEUROLOGY (RICERCATORE A TEMPO DETERMINATO TIPO B)

01/09/2021-ongoing

University of Siena

Institution

Viale Bracci 2, 53100 Siena

Address

CONSULTANT NEUROLOGIST

16/10/2019-31/08/2021

Azienda Sanitaria Locale (ASL) Bari, "Di Venere" Teaching Hospital

Institution

Via Ospedale di Venere, 1, 70131 Bari BA

Address

CONSULTANT NEUROLOGIST

01/02/2019-15/10/2019

Azienda Socio Sanitaria Territoriale di Pavia (A.S.S.T.)

Institution

Viale della Repubblica, 34, 27100 Pavia PV

Address

CONSULTANT NEUROLOGIST

4/5/2016-31/01/2019

Azienda Sanitaria Locale del Verbano - Cusio - Ossola

Institution

Via Giuseppe Mazzini, 117, 28887 Omegna (VB)

Address

CLINICAL RESEARCH ASSOCIATE

01/01/2015-30/04/2016

University College of London – Institute of Neurology

Institution

Queen Square, London WC1N 3BG, United Kingdom

Address

CLINICAL FELLOW IN NEUROLOGY

21/07/2014-28/12/2014

Royal Preston Hospital

Institution

Sharoe Green Lane north, Fulwood, Preston, Lancashire PR2 9HT,

Address

United Kingdom

**CLINICAL FELLOW IN NEUROLOGY DURING THE SPECIALITY TRAINING
IN NEUROLOGY**

01/09/2013-01/03/2014

National Hospital for Neurology and Neurosurgery

Institution

33 Queen Square, London WC1N 3BG, United Kingdom

Address

EDUCATION AND TRAINING

**Achievement of the Italian scientific qualification (DD2175 / 2018) for the
functions of associate professor in Neurology 06 / D6**

06/11/2020

PhD in neurosciences

22/03/2017

Catholic University of the Sacred Heart - Policlinico "Agostino Gemelli", Rome

Institution

Clinical and neuroradiological characterization of chronic pain in multiple sclerosis patients

Thesis

Speciality training in neurology

23/06/2014

Catholic University of the Sacred Heart - Policlinico "Agostino Gemelli", Rome

Institution

50/50 cum laude

Honoris

Longitudinal study of spinal cord atrophy in progressive multiple sclerosis

Thesis

Medical degree	24/07/2008
Catholic University of the Sacred Heart - Policlinico "Agostino Gemelli", Rome	Institution
110/110 cum laude	Honoris
Cardiac arrhythmias after stroke	Thesis

TEACHING

Teaching of Neurology to students of the Degree in Nursing at the University of Siena (NEUROLOGIA- Anno di corso: 2 Laurea triennale (DM 270) INFERMIERISTICA (ABILITANTE ALLA PROFESSIONE SANITARIA DI INFERMIERE)	Academic years 2021-2022 and 2022-2023
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University of Siena	Institution
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Viale Bracci 2, 53100, Siena	Address
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Teaching to the Medical Students (5th year): Neurology internship MED/26 NEUROLOGIA	Academic years 2021-2022 and 2022-2023
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University of Siena	Institution
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Viale Bracci 2, 53100, Siena	Address
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Teaching of Neurology to speciality training doctors in neurology	Academic years 2021-2022 and 2022-2023
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University of Siena	Institution
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Viale Bracci 2, 53100, Siena	Address
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Teaching of Neurology to students of the Degree in Nursing at the University of Bari, Bari - Di Venere 20/12/2020-31/08/2021

“Di Venere” Teaching Hospital Institution

Via Ospedale di Venere, 1, 70131 Bari BA Address

Teaching of Neurology to students of the Degree in Nursing at the University of Bari, Military Navy of Taranto 20/12/2020-31/08/2021

Navy • NCO School | Taranto Institution

Largo Lorenzo Bezzi, 1, 74100 San Vito, Taranto TA Address

Teaching of Neurology to students of the Degree in Nursing at the University of Bari, Ospedale Santissima Annunziata - Taranto 20/12/2020-31/08/2021

Ospedale Santissima Annunziata Institution

Via Francesco Bruno, 1, 74121 Taranto TA Address

Teaching of Clinical Neurology to students of the Bachelor of Medicine at Manchester University 21/07/2014-28/12/2014

Royal Preston Hospital Institution

Sharoe Green Lane north, Fulwood, Preston, Lancashire PR2 9HT, United Kingdom Address

Teaching of Clinical Neurology to students of the Bachelor of Medicine at Lancaster University 21/07/2014-28/12/2014

Royal Lancaster Infirmary Institution

Ashton Road Lancaster Lancashire LA1 4RP, United Kingdom Address

ACADEMIC PRIZES

- Best poster presentation during the annual congress of the Italian Neurological Society October 2017
- Prize "Anna Paola Batocchi" in Clinical Neuroimmunology. "Cesare Serono" Foundation. June 2014

TRAINING OR RESEARCH ACTIVITIES AT QUALIFIED ITALIAN OR FOREIGN PUBLIC INSTITUTES

- Visiting research fellow at University College of London (UCL) as part of the training period abroad during the neurology speciality training. 01/09/2013-01/03/2014
- Clinical fellow (senior level) at Lancashire Teaching Hospitals. 21/07/2014-28/12/2014
- Clinical research fellow at University College of London (UCL). 01/01/2015-30/04/2016

ORGANIZATION, MANAGEMENT AND COORDINATION OF NATIONAL AND INTERNATIONAL RESEARCH GROUPS OR PARTICIPATION IN THEM

Responsible of the research Unit in Siena for the multicentre project entitled "Exploring biomarkers in hereditary transthyretin amyloidosis: from clinical severity assessment to new disease mechanisms". Research grant of the Italian Ministry of Health - Ministero della Salute, BANDO RICERCA FINALIZZATA 2021

Sub-principal investigator of the "MS-SMART trial" (Multiple Sclerosis-Secondary Progressive Multi-Arm Randomisation Trial)

Participation in the italian research project "Mild behavioral impairment"

REGISTRATION IN PROFESSIONAL ASSOCIATIONS

- Registration in the Medical Association of the Province of Bari 26/03/2009
- Registration in the UK General Medical Council 13/06/2013

Funding

- 430000€ as responsible of the research Unit in Siena for the multicentre project entitled "Exploring biomarkers in hereditary transthyretin amyloidosis: from clinical severity assessment to new disease mechanisms". Research grant of the Italian Ministry of Health - Ministero della Salute, BANDO 2021

RICERCA FINALIZZATA 2021

1. **Plantone D**, Primiano G, Manco C, Locci S, Servidei S, De Stefano N. Vitamin D in Neurological Diseases. *International Journal of Molecular Sciences*. 2023; 24(1):87. <https://doi.org/10.3390/ijms24010087>
2. Luigetti M, Romano A, Guglielmino V, Sciarrone MA, Vitali F, Carbone C, Piro G, Sabino A, De Stefano N, **Plantone D**, Primiano G. Serum Inflammatory Profile in Hereditary Transthyretin Amyloidosis: Mechanisms and Possible Therapeutic Implications. *Brain Sciences*. 2022; 12(12):1708. <https://doi.org/10.3390/brain-sci12121708>
3. **Plantone D**, Locci S, Bergantini L, Manco C, Cortese R, Meocci M, Cavallaro D, d'Alessandro M, Bargagli E, De Stefano N. Brain neuronal and glial damage during acute COVID-19 infection in absence of clinical neurological manifestations. *J Neurol Neurosurg Psychiatry*. 2022 Dec;93(12):1343-1348. doi: 10.1136/jnnp-2022-329933.
4. **Plantone D**, Pardini M, Locci S, Nobili F, De Stefano N. B Lymphocytes in Alzheimer's Disease-A Comprehensive Review. *J Alzheimers Dis*. 2022;88(4):1241-1262. doi: 10.3233/JAD-220261.
5. **Plantone D**, Distaso E, D'Onghia M, Dell'Aquila C, Giannini A, Rinaldi G. Trigeminal Neuralgia Associated With a Solitary Pontine Lesion: A Case Report. *The Neurohospitalist*. August 2021. doi:10.1177/19418744211027754.
6. **Plantone D**, Pardini M, Rinaldi G. Riboflavin in Neurological Diseases: A Narrative Review. *Clin Drug Investig*. 2021 Jun;41(6):513-527. doi: 10.1007/s40261-021-01038-1.
7. Solanky BS, John NA, DeAngelis F, Stutters J, Prados F, Schneider T, Parker RA, Weir CJ, Monteverdi A, **Plantone D**, Doshi A, MacManus D, Marshall I, Barkhof F, Gandini Wheeler-Kingshott CAM, Chataway J; MS-SMART Investigators. NAA is a Marker of Disability in Secondary-Progressive MS: A Proton MR Spectroscopic Imaging Study. *AJNR Am J Neuroradiol*. 2020 Dec;41(12):2209-2218. doi: 10.3174/ajnr.A6809.
8. **Plantone D**, Vollono C, Pardini M, Primiano G, Myftari V, Vitetta F, Sola P,

Mirabella M, Ferraro D. A voxel-based lesion symptom mapping analysis of chronic pain in multiple sclerosis. *Neurol Sci.* 2021 May;42(5):1941-1947. doi: 10.1007/s10072-020-04745-3.

9. De Angelis F, Connick P, Parker RA, **Plantone D**, Doshi A, John N, Stutters J, MacManus D, Prados F, Marshall I, Solanky B, Samson RS, Barkhof F, Ourselin S, Braisher M, Ross M, Cranswick G, Pavitt SH, Gnanapavan S, Giovannoni G, Wheeler-Kingshott CAMG, Hawkins C, Sharrack B, Bastow R, Weir CJ, Stallard N, Chandran S, Chataway J. Amiloride, fluoxetine or riluzole to reduce brain volume loss in secondary progressive multiple sclerosis: the MS-SMART four-arm RCT. Southampton (UK): NIHR Journals Library; 2020 May.

10. Chataway J, De Angelis F, Connick P, Parker RA, **Plantone D**, Doshi A, John N, Stutters J, MacManus D, Prados Carrasco F, Barkhof F, Ourselin S, Braisher M, Ross M, Cranswick G, Pavitt SH, Giovannoni G, Gandini Wheeler-Kingshott CA, Hawkins C, Sharrack B, Bastow R, Weir CJ, Stallard N, Chandran S; MS-SMART Investigators. Efficacy of three neuroprotective drugs in secondary progressive multiple sclerosis (MS-SMART): a phase 2b, multiarm, double-blind, randomised placebo-controlled trial. *Lancet Neurol.* 2020 Mar;19(3):214-225. doi: 10.1016/S1474-4422(19)30485-5.

11. Orso B, Mattei C, Arnaldi D, Massa F, Serafini G, **Plantone D**, Doglione E, Grafman J, Nobili F, Pardini M. Clinical and MRI Predictors of Conversion From Mild Behavioural Impairment to Dementia. *Am J Geriatr Psychiatry.* 2020 Jul;28(7):755-763. doi: 10.1016/j.jagp.2019.12.007.

12. **Plantone D**, Piantadosi C, Ruggieri S, Anelli V, Koudriavtseva T. Tumefactive Demyelinating Lesions and Pregnancy. *Neurol India.* 2019 Nov-Dec;67(6):1519-1521. doi: 10.4103/0028-3886.273654.

13. **Plantone D**, Inglese M, Salvetti M, Koudriavtseva T. A Perspective of Coagulation Dysfunction in Multiple Sclerosis and in Experimental Allergic Encephalomyelitis. *Front Neurol.* 2019 Jan 14;9:1175. doi: 10.3389/fneur.2018.01175.

14. **Plantone D**. Striatum Involvement in LGI1 Limbic Encephalitis *Clin Psychophar-*

macol Neurosci 2018; 16(4): 508-509.

15. Connick P, De Angelis F, Parker RA, **Plantone D**, Doshi A, John N, Stutters J, MacManus D, Prados Carrasco F, Barkhof F, Ourselin S, Braisher M, Ross M, Cranswick G, Pavitt SH, Giovannoni G, Gandini Wheeler-Kingshott CA, Hawkins C, Sharrack B, Bastow R, Weir CJ, Stallard N, Chandran S, Chataway J; UK Multiple Sclerosis Society Clinical Trials Network. Multiple Sclerosis-Secondary Progressive Multi-Arm Randomisation Trial (MS-SMART): a multiarm phase IIb randomised, double-blind, placebo-controlled clinical trial comparing the efficacy of three neuro-protective drugs in secondary progressive multiple sclerosis. *BMJ Open*. 2018 Aug 30;8(8):e021944.

16. De Angelis F, **Plantone D**, Chataway J. Pharmacotherapy in Secondary Progressive Multiple Sclerosis: An Overview. *CNS Drugs*. 2018 Jul 3. doi: 10.1007/s40263-018-0538-0.

17. **Plantone D**, Koudriavtseva T. Current and future use of Chloroquine and Hydroxychloroquine in infectious, immune, neoplastic and neurological diseases: a mini-review. *Clin Drug Investig*. 2018 Aug;38(8):653-671. doi: 10.1007/s40261-018-0656-y.

18. Ferraro D, **Plantone D**, Morselli F, Dallari G, Simone AM, Vitetta F, Sola P, Primiano G, Nociti V, Pardini M, Mirabella M, Vollono C. Systematic assessment and characterization of chronic pain in multiple sclerosis patients. *Neurol Sci*. 2018 Mar;39(3):445-453. doi: 10.1007/s10072-017-3217-x.

19. Cawley N, Tur C, Prados F, **Plantone D**, Kearney H, Abdel-Aziz K, Ourselin S, Wheeler-Kingshott CAG, Miller DH, Thompson AJ, Ciccarelli O. Spinal cord atrophy as a primary outcome measure in phase II trials of progressive multiple sclerosis. *Mult Scler*. 2018 Jun;24(7):932-941. doi: 10.1177/1352458517709954.

20. Koudriavtseva T, **Plantone D**. Commentary: Tumefactive Demyelinating Lesions as a First Clinical Event: Clinical, Imaging, and Follow-up Observations. *Front Neurol*. 2016 Dec 5;7:222.

21. Koudriavtseva T, **Plantone D**, Mandoj C, Giannarelli D, Latini A, Colafigli M,

Trento E, Cordiali-Fei P, Pimpinelli F. HIV and decreased risk of multiple sclerosis: role of low CD4+ lymphocyte count and male prevalence. *J Neurovirol.* 2017 Feb;23(1):147-151. doi: 10.1007/s13365-016-0471-2.

22. **Plantone D**, De Angelis F, Doshi A, Chataway J. Dimethyl fumarate may still have a role in progressive multiple sclerosis. *Ther Adv Neurol Disord.* 2016 Jul;9(4):344-5.

23. Galié E, Renna R, **Plantone D**, Pace A, Marino M, Jandolo B, Koudriavtseva T. Paraneoplastic Morvan's syndrome following surgical treatment of recurrent thymoma: A case report. *Oncol Lett.* 2016 Oct;12(4):2716-2719.

24. **Plantone D**, De Angelis F, Doshi A, Chataway J. Secondary Progressive Multiple Sclerosis: Definition and Measurement. *CNS Drugs.* 2016 Jun;30(6):517- 26.

25. Yiannakas MC, Mustafa AM, De Leener B, Kearney H, Tur C, Altmann DR, De Angelis F, **Plantone D**, Ciccarelli O, Miller DH, Cohen-Adad J, Gandini Wheeler-Kingshott CAM. Fully automated segmentation of the cervical cord from T1-weighted MRI using PropSeg: Application to multiple sclerosis. *NeuroImage: Clinical.* 2016 10:71–77.

26. **Plantone D**, Renna R, Koudriavtseva T. Neurological diseases associated with autoantibodies targeting the voltage-gated potassium channel complex: immunobiology and clinical characteristics. *Neuroimmunology and Neuroinflammation.* 2016;3:69-78.

27. Mandoj C, Renna R, **Plantone D**, Sperduti I, Cigliana G, Conti L, Koudriavtseva T. Anti-annexin antibodies, cholesterol levels and disability in multiple sclerosis. *Neurosci Lett.* 2015 Oct 8;606:156-60. doi: 10.1016/j.neulet.2015.08.054.

28. Koudriavtseva T, **Plantone D**, Renna R, Mandoj C, Giannarelli D, Mainero C. Interferon- therapy and risk of thrombocytopenia in multiple sclerosis patients. *Neurol Sci.* 2015 Dec;36(12):2263- 8. doi: 10.1007/s10072-015-2348-1.

29. Koudriavtseva T, **Plantone D**, Renna R, Inglese M. Brain perfusion by arterial spin labeling MRI in multiple sclerosis. *J Neurol.* 2015 Jul;262(7):1769-71. doi: 10.1007/s00415-015-7792-6.

30. Koudriavtseva T, Renna R, **Plantone D**, Mainero C. Demyelinating and thrombotic diseases of the central nervous system: common pathogenic and triggering factors. *Front Neurol*. 2015 Mar 24;6:63. doi: 10.3389/fneur.2015.00063. eCollection 2015. Review.
31. Koudriavtseva T, Renna R, **Plantone D**, Mandoj C, Piattella MC, Giannarelli D. Association between anemia and multiple sclerosis. *Eur Neurol*. 2015;73(3- 4):233-7. doi: 10.1159/000381212.
32. **Plantone D**, Renna R, Sbardella E, Koudriavtseva T. Concurrence of multiple sclerosis and brain tumors. *Front Neurol*. 2015 Mar 4;6:40. doi: 10.3389/fneur.2015.00040. eCollection 2015. Review.
33. **Plantone D**, Renna R, Primiano G, Shukralla A, Koudriavtseva T. PPIs as possible risk factor for copper deficiency myelopathy. *J Neurol Sci*. 2015 Feb 15;349(1-2):258- 9. doi: 10.1016/j.jns.2015.01.009.
34. **Plantone D**. Spinal Cord Atrophy in Multiple sclerosis. *CML – Multiple Sclerosis* 2015;7(1):1– 7.
35. **Plantone D**, Primiano G, Renna R, Restuccia D, Iorio R, Patanella KA, Ferilli MN, Servidei S. Copper deficiency myelopathy: A report of two cases. *J Spinal Cord Med*. 2015 Jul;38(4):559-62. doi: 10.1179/2045772314Y.0000000268.
36. Renna R, Plantone F, **Plantone D**. Pure psychiatric presentation in a patient with Fahr disease *Ann Indian Acad Neurol*. 2014 Oct;17(4):466-7. Doi: 10.4103/0972- 2327.144041.
37. Koudriavtseva T, **Plantone D**, Renna R. Antiphospholipid antibodies: a possible biomarker of disease activity in multiple sclerosis and neuromyelitis optica spectrum disorders. *J Neurol*. 2014 Oct;261(10):2028-9. doi: 10.1007/s00415-014- 7506-5.
38. Bianco A, Patanella AK, Nociti V, Marti A, Frisullo G, **Plantone D**, De Fino C, Fetta A, Batocchi AP, Rossini PM, Mirabella M. Second-Line Therapy with Fingolimod for Relapsing-Remitting Multiple Sclerosis in Clinical Practice: The Effect of Previous Exposure to Natalizumab. *Eur Neurol*. 2014 Nov 7;73(1-2):57- 65.
39. Iorio R, Sabatelli M, Del Grande A, Bisogni G, Damato V, **Plantone D**, Marti A,

Frisullo G, Romano A, Rossini PM, Luigetti M. Distinct lymphocytes subsets in IgM-related neuropathy: clinical-immunological correlations. *Neurol Sci*. 2015 Feb;36(2):303-8. doi: 10.1007/s10072-014-1935-x.

40. Iorio R, Assenza G, Tombini M, Colicchio G, Della Marca G, Benvenga A, Damato V, Rossini PM, Vollono C, **Plantone D**, Marti A, Batocchi AP, Evoli A. The detection of neural autoantibodies in patients with antiepileptic-drug-resistant epilepsy predicts response to immunotherapy. *Eur J Neurol*. 2015 Jan;22(1):70-8. doi: 10.1111/ene.12529.

41. Primiano G, **Plantone D**, Forte F, Sauchelli D, Scaldaferrì F, Gasbarrini A, Servidei S. Acute refractory intestinal pseudo-obstruction in MELAS: Efficacy of prucalopride. *Neurology*. 2014 May 27;82(21):1932-4. doi: 10.1212/WNL.0000000000000458.

42. **Plantone D**, Marti A, Frisullo G, Iorio R, Damato V, Nociti V, Patanella AK, Bianco A, Mirabella M, Batocchi AP. Circulating CD56dim NK cells expressing perforin are increased in progressive multiple sclerosis. *J Neuroimmunol*. 2013 Dec 15;265(1-2):124-7. doi: 10.1016/j.jneuroim.2013.10.004.

43. Renna R, Plantone F, **Plantone D**. Atlantoaxial Subluxation in Rheumatoid Arthritis. *J Rheumatol* 2013;40;1925

44. Iorio R, Capone F, **Plantone D**, Batocchi AP. Paroxysmal ataxia and dysarthria in multiple sclerosis. *J Clin Neurosci*. 2014 Jan;21(1):174-5. doi: 10.1016/j.jocn.2013.01.031.

45. Iorio R, Damato V, Mirabella M, Vita MG, Hulsenboom E, **Plantone D**, Bizzarro A, Del Grande A, Sillevs Smitt PA. Cerebellar degeneration associated with mGluR1 autoantibodies as a paraneoplastic manifestation of prostate adenocarcinoma. *J Neuroimmunol*. 2013 Oct 15;263(1-2):155-8. doi: 10.1016/j.jneuroim.2013.07.015. Epub 2013 Aug 3.

46. **Plantone D**, Primiano G, Servidei S. Midbrain panda sign in Wilson disease. *Intern Med*.2013;52(11):1285.

47. **Plantone D**, Renna R, Grossi D, Plantone F, Iorio R. Basal Ganglia involvement

in facio-brachial dystonic seizures associated with LGI-1 antibodies. *Neurology*.

2013 Apr 23;80(17):e183-4.

48. **Plantone D**, Renna R, Primiano G, Servidei S. Osteoma of the internal auditory canal. *Intern Med*. 2013;52(7):839.

49. Iorio R, Damato V, Mirabella M, Evoli A, Marti A, **Plantone D**, Frisullo G, Batocchi AP. Distinctive Clinical and Neuroimaging Characteristics of Longitudinally Extensive Transverse Myelitis Associated with Aquaporin-4 Autoantibodies. *J Neurol*. 2013 Sep;260(9):2396-402. doi: 10.1007/s00415-013-6997-9. Epub 2013 Jun 21.

50. **Plantone D**, Plantone F, Renna R. Clinical and Therapeutic Aspects of Vertigo. *J Rhinol-Otol*. 1, 31-39.

51. Iorio R, **Plantone D**, Damato V, Batocchi AP. Anorexia Heraldng the Onset of Neuromyelitis Optica. *Intern Med*. 2013;52(4):489-91.

52. Cianci R, Cammarota G, Frisullo G, Pagliari D, Ianiro G, Martini M, Frosali S, **Plantone D**, Damato V, Casciano F, Landolfi R, Batocchi AP, Pandolfi F. Tissue-Infiltrating Lymphocytes Analysis Reveals Large Modifications of the Duodenal "Immunological Niche" in Coeliac Disease After Gluten-Free Diet. *Clinical and Translational Gastroenterology* (2012) 3, e28.

53. Primiano G, **Plantone D**, Sauchelli D, Cuccagna C, Renna R, Iorio R, Servidei S. Resolution of muscle inflammation in a woman with paraneoplastic dermatomyositis after tumor removal. *J Rheumatol*. 2012 Dec;39(12):2359-60.

54. Frisullo G, **Plantone D**, Marti A, Iorio R, Nociti V, Patanella AK, Batocchi AP. Circulating CD8+CD56-perforin+ T cells are increased in multiple sclerosis patients. *J Neuroimmunol*. 2011 Dec 15;240-241:137-41.

55. Renna R, **Plantone D**, Batocchi AP. Teaching NeuroImages: A case of hearing loss in a paraneoplastic syndrome associated with anti-Hu antibody. *Neurology*. 2012 Oct 9;79(15):e134.

56. Renna R, Plantone F, **Plantone D**. A case of hemorrhagic Wernicke's encephalopathy following gastric surgery. *Neurol India*. 2012 Jul-Aug;60(4):453-4.

57. Frisullo G, **Plantone D**, Marti A, Iorio R, Damato V, Nociti V, Patanella AK,

- Bianco A, Batocchi AP. Type 1 immune response in progressive multiple sclerosis. *J Neuroimmunol.* 2012 Aug 15;249(1-2):112-6.
58. Frisullo G, Iorio R, **Plantone D**, Nociti V, Patanella AK, Marti A, Palermo C, Valentini P, Mariotti P, Batocchi AP. Involvement of type I immune responses in swine-origin H1N1 influenza virus infection. *Hum Immunol.* 2011 Aug;72(8):632-5.
59. Mariotti P, Iorio R, Frisullo G, **Plantone D**, Colantonio R, Tartaglione T, Batocchi AP and Valentini P, Reply. *Annals of Neurology*, 2011; 69: 217–218.
60. Frisullo G, Iorio R, **Plantone D**, Marti A, Nociti V, Patanella AK, Batocchi AP. CD4+T- bet+, CD4+pSTAT3+and CD8+T-bet+T cells accumulate in peripheral blood during NZB treatment. *Mult Scler.* 2010 Dec 21.
61. **Plantone D**, Caliandro P, Iorio R, Frisullo G, Nociti V, Patanella AK, Marti A, Tonali PA, Batocchi AP. Brainstem and spinal cord involvement in a paraneoplastic syndrome associated with anti-Yo antibody and breast cancer. *J Neurol.* 2010 Nov 17.
62. Iorio R, **Plantone D**, Frisullo G, Nociti V, Patanella AK, Tonali PA, Colosimo C, Batocchi AP. Focal hyperhidrosis in tumefactive multiple sclerosis. *Arch Neurol.* 2010 Nov;67(11):1407-8.
63. Mariotti P, Iorio R, Frisullo G, **Plantone D**, Colantonio R, Tartaglione T, Batocchi AP, Valentini P. Acute necrotizing encephalopathy during novel influenza A (H1N1) virus infection. *Ann Neurol.* 2010 Jul;68(1):111-4.
64. Frisullo G, Nociti V, Iorio R, **Plantone D**, Patanella AK, Tonali PA, Batocchi AP. CD8(+)Fox- p3(+) T cells in peripheral blood of relapsing-remitting multiple sclerosis patients. *Hum Immunol.* 2010 May;71(5):437-41.
65. Frisullo G, Nociti V, Iorio R, Patanella AK, **Plantone D**, Bianco A, Marti A, Cammarota G, Tonali PA, Batocchi AP. T-bet and pSTAT-1 expression in PBMC from coeliac disease patients: new markers of disease activity. *Clin Exp Immunol.* 2009 Oct;158(1):106-14.
66. Frisullo G, Nociti V, Iorio R, Patanella AK, Marti A, Assunta B, **Plantone D**, Cammarota G, Tonali PA, Batocchi AP. Increased CD4+CD25+Foxp3+ T cells in

peripheral blood of celiac disease patients: correlation with dietary treatment. Hum Immunol. 2009 Jun;70(6):430-5.

67. Pilato F, Profice P, Dileone M, Ranieri F, Capone F, Minicuci G, Tagliente D, Florio L, Di Iorio R, **Plantone D**, Tonali PA, Di Lazzaro V. Stroke in critically ill patients. Minerva Anesthesiol. 2009 May;75(5):245-50.

Siena, 21st of March 2023

Domenico Plantone