



Giovanni Novi

Nationality:

Date of birth: 09/01/1988

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WORK EXPERIENCE

Neurologist

IRCCS Ospedale Policlinico San Martino [02/01/2020 – Current]

City: Genova

Country: Italy

EDUCATION AND TRAINING

Doctor of Philosophy

Università degli Studi di Genova [01/11/2018 – 17/06/2022]

Final grade : eccellente con lode (magna cum laude)

Thesis: Interleukin-6 Receptor Blockade in Treatment- Refractory MOG-Ab–Associated Disease and Neuromyelitis Optica Spectrum Disorders

Neurology Board Exam

Università degli Studi di Genova [03/09/2018]

Address: Genova (Italy)

Final grade : 50/50 e lode (magna cum laude)

Thesis: Treatment of NMOSD with rituximab according to different induction and maintenance strategies

Supervisor: prof. Antonio Uccelli

Neurology Residency

Università degli Studi di Genova [2013 – 2018]

Address: Genova (Italy)

Neurological residency has been performed in the University of Genova, Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics, Maternal and Child Health (DINOGMI), and IRCCS Policlinico San Martino Hospital, Genova

Medical Board Registration

Ordine dei Medici e Chirurghi della provincia di Genova [05/03/2013]

Address: Genova (Italy)

Registration number: 0000015990

Medical Doctor Licence Test

Università degli Studi di Genova [2012]

Address: Genova (Italy)

2012 second session

Medical School Degree (Laurea Specialistica a ciclo unico in Medicina e Chirurgia)

Università degli Studi di Genova [26/07/2012]

Address: Genova (Italy)

Final grade : 110/110 con lode (magna cum laude)

Thesis: The therapeutic effect of mesenchymal stem cell transplantation in experimental autoimmune encephalomyelitis is mediated by peripheral and central mechanisms

Supervisor: prof. G.L. Mancardi

High School Degree

Liceo Scientifico Martin Luter King [2006]

Address: Genova (Italy)

Scientific Degree

Final mark: 89/100

LANGUAGE SKILLS

Mother tongue(s): **Italian**

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

PUBLICATIONS

2012-2018

1. Morando S., Vigo T., Esposito M., Casazza S., **Novi G.**, Principato M. C., Furlan R., Uccelli A., The therapeutic effect of mesenchymal stem cell transplantation in experimental autoimmune encephalomyelitis is mediated by peripheral and central mechanisms, *Stem Cell Res Ther* 2012;3(1):3. doi:10.1186/scrt94
2. Laroni A., **Novi G.**, Kerlero de Rosbo N., Uccelli A., Towards clinical application of mesenchymal stem cells for treatment of neurological diseases of the central nervous system, *J Neuroimmune Pharmacol* 2013;8(5): 1062-1076. doi: 10.1007/s11481-013-9456-6
3. Lovato L., Neri C., Marzano V., **Novi G.**, Mortera S.L., Cavaliere C., Capriotti A.L., Pieroni L., Kerlero De Rosbo N., Urbani A., Uccelli A., Analysis of the interferon gamma modulated pathways related to the therapeutic plasticity of bone marrow-derived mesenchymal stem cells through a SILAC-based proteomic approach, *Journal of Neuroimmunology* 2014;275(1-2):191-192. doi: 10.1016/j.jneuroim.2014.08.516
4. Marini C., Cistaro A., Campi C., Calvo A., Caponnetto C., Nobili F. M., Fania P., Beltrametti M. C., Moglia C., **Novi G.**, Buschiazzo A., Perasso A., Canosa A., Scialo C., Pomposelli E., Massone A.M., Bagnara M.C., Cammarosano S., Bruzzi P., Morbelli S., Sambuceti G., Mancardi G., Piana M., Chio A., A PET/CT approach to spinal cord metabolism

in amyotrophic lateral sclerosis, *Eur J Nucl Med Mol Imaging* 2016;43(11):2061-2071. doi: 10.1007/s00259-016-3440-3

5. Scialò, C. **Novi, G.** Bandettini di Poggio, M. Canosa, A. Sormani, M. P. Mandich, P. Origone, P. Truffelli, R. Mancardi, G. L. Caponnetto, C., Clinical epidemiology of amyotrophic lateral sclerosis in Liguria, Italy: An update of LIGALS register, *Amyotroph Lateral Scler Frontotemporal Degener* 2016;14(1):52-7. doi: 10.3109/17482968.2012.729062

6. **Novi G.**, Ghezzi A., Pizzorno M., Lapucci C., Bandini F., Annovazzi P., Mancardi G. L., Uccelli A., Dramatic rebounds of MS during pregnancy following fingolimod withdrawal, *Neurol Neuroimmunol Neuroinflamm* 2017;4(5):e377. doi: 10.1212/NXI.0000000000000377

7. Infante M.T., **Novi G.**, Gentile R., Malfatto L., Castellan L., Serrati C., Barletta L., A case of atypical progressive multifocal encephalopathy mimicking acute ischemic stroke: case report and review of literature, *Neuroimmunol Neuroinflammation* 2017;4:211-215. doi: 10.20517/2347-8659.2016.52

8. **Novi G.**, Canosa A., Nobili F., Bongiovanni M., Zanusso G., Balestrino M., Roccatagliata L., Longitudinal brain magnetic resonance imaging and real-time quaking induced conversion analysis in presymptomatic Creutzfeldt-Jakob disease, *Eur J Neurol* 2018;25(12):e127-e128. doi: 10.1111/ene.13807

9. **Novi G.**, Gastaldi M., Franciotta D., Pesce G., Benedetti L., Uccelli, A., Tocilizumab in MOG-antibody spectrum disorder: a case report, *Mult Scler Relat Disord* 2018;27:312-314. doi: 10.1016/j.msard.2018.11.012

2019

10. Nicolini L.A., Canepa P., Caligiuri P., Mikulska M., **Novi G.**, Viscoli C., Uccelli A. Fulminant Hepatitis Associated With Echovirus 25 During Treatment With Ocrelizumab for Multiple Sclerosis. *JAMA Neurol.* 2019 Jul 1;76(7):866-867. doi: 10.1001/jamaneurol.2019.0522.

11. Lapucci C., Baroncini D., Cellerino M., Boffa G., Callegari I., Pardini M., **Novi G.**, Sormani M.P., Mancardi G.L., Ghezzi A., Zaffaroni M., Uccelli A., Inglese M., Roccatagliata L. Different MRI patterns in MS worsening after stopping fingolimod. *Neurol Neuroimmunol Neuroinflamm.* 2019 Apr 16;6(4):e566. doi: 10.1212/NXI.0000000000000566. eCollection 2019 Jul.

12. Cellerino M., Cordano C., Boffa G., Bommarito G., Petracca M., Sbragia E., **Novi G.**, Lapucci C., Capello E., Uccelli A., Inglese M. Relationship between retinal inner nuclear layer, age, and disease activity in progressive MS. *Neurol Neuroimmunol Neuroinflamm.* 2019 Aug 12;6(5). pii: e596. doi: 10.1212/NXI.0000000000000596.

13. **Novi G.**, Bovis F., Capobianco M., Frau J., Mataluni G., Curti E., Zuliani L., Cavalla P., Brambilla L., Annovazzi P., Repice AM., Lanzillo R., Esposito S., Benedetti L., Maietta I., Sica F., Buttari F., Malucchi S., Fenu G., Landi D., Bosa C., Realmuto S., Malentacchi M., Granella F., Signori A., Bonavita S., Uccelli A., Sormani MP.; iMUST group. Efficacy of different rituximab therapeutic strategies in patients with neuromyelitis optica spectrum disorders. *Mult Scler Relat Disord.* 2019 Nov;36:101430. doi: 10.1016/j.msard.2019.101430.

2020

14. Boffa G., Bruschi N., Cellerino M., Lapucci C., **Novi G.**, Sbragia E., Capello E., Uccelli A., Inglese M. Fingolimod and Dimethyl-Fumarate-Derived Lymphopenia is not Associated with Short-Term Treatment Response and Risk of Infections in a Real-Life MS Population. *CNS Drugs.* 2020 Apr;34(4):425-432. doi: 10.1007/s40263-020-00714-8.

15. Trompetto C., Currà A., Puce L., Mori L., Pallecchi I., Gazzola P., Fabbri S., Uccelli A., **Novi G.**, Crisafulli O., Serrati C., Marinelli L. Ghost spasticity in multiple sclerosis. *J Electromyogr Kinesiol.* 2020 Apr;51:102408. doi: 10.1016/j.jelekin.2020.102408.

16. **Novi G.**, Ivaldi F., Sbragia E., Mikulska M., Pesce G., Inglese M., Kerlero de Rosbo N., Uccelli A. Ocrelizumab does not impair B- and T-cell responses to primary VZV infection in a patient with MS. *Neurol Neuroimmunol Neuroinflamm.* 2020 Feb 25;7(3):e695. doi: 10.1212/NXI.0000000000000695.

17. **Novi G.**, Mikulska M., Briano F., Toscanini F., Tazza F., Uccelli A., Inglese M. COVID-19 in a MS patient treated with ocrelizumab: does immunosuppression have a protective role? *Mult Scler Relat Disord.* 2020 Jul;42:102120. doi: 10.1016/j.msard.2020.102120.

18. Scialò C., Tran TH., Salzano G., **Novi G.**, Caponnetto C., Chiò A., Calvo A., Canosa A., Moda F., Caroppo P., Silani V., Ticozzi N., Ratti A., Borroni B., Benussi L., Ghidoni R., Furlanis G., Manganotti P., Senigaglia B., Parisse P., Brasselet R., Buratti E., Legname G. TDP-43 real-time quaking induced conversion reaction optimization and detection of seeding activity in CSF of amyotrophic lateral sclerosis and frontotemporal dementia patients. *Brain Commun.* 2020 Sep 14;2(2):fcaa142. doi: 10.1093/braincomms/fcaa142.

19. Gastaldi M., Scaranzin S., Jarius S., Wildeman B., Zardini E., Mallucci G., Rigoni E., Vegezzi E., Foadelli T., Savasta S., Banfi P., Versino M., Benedetti L., **Novi G.**, Mancardi MM., Giacomini T., Annovazzi P., Baroncini D., Ferraro D., Lampasona V., Reindl M., Waters P., Franciotta D. Cell-based assays for the detection of MOG antibodies: a comparative study. *J Neurol.* 2020 Dec;267(12):3555-3564. doi: 10.1007/s00415-020-10024-0.

20. **Novi G.**, Bovis F., Fabbri S., Tazza F., Gazzola P., Maietta I., Currò D., Bruschi N., Roccatagliata L., Boffa G., Lapucci C., Pesce G., Cellerino M., Solaro C., Laroni A., Capello E., Mancardi G., Sormani M., Inglese M., Uccelli A. Tailoring B cell depletion therapy in MS according to memory B cell monitoring. *Neurol Neuroimmunol Neuroinflamm.* 2020 Aug 4;7(5):e845. doi: 10.1212/NXI.0000000000000845.

21. **Novi G.**, Rossi T., Pedemonte E., Saitta L., Rolla C., Roccatagliata L., Inglese M., Farinini D. Acute disseminated encephalomyelitis after SARS-CoV-2 infection. *Neurol Neuroimmunol Neuroinflamm.* 2020 Jun 1;7(5):e797. doi: 10.1212/NXI.0000000000000797.

2021

22. Ringelstein M, Ayzenberg I, Lindenblatt G, Fischer K, Gahlen A, **Novi G**, Hayward-Könnecke H, Schippling S, Rommer PS, Kornek B, Zrzavy T, Biotti D, Ciron J, Audoin B, Berthele A, Giglhuber K, Zephir H, Kümpfel T, Berger R, Röther J, Häußler V, Stellmann JP, Whittam D, Jacob A, Kraemer M, Gueguen A, Deschamps R, Bayas A, Hümmert MW, Trebst C, Haarmann A, Jarius S, Wildemann B, Grothe M, Siebert N, Ruprecht K, Paul F, Collongues N, Marignier R, Levy M, Karenfort M, Deppe M, Albrecht P, Hellwig K, Gold R, Hartung HP, Meuth SG, Kleiter I, Aktas O; Neuromyelitis Optica Study Group (NEMOS). Interleukin-6 Receptor Blockade in Treatment-Refractory MOG-IgG-Associated Disease and Neuromyelitis Optica Spectrum Disorders. *Neurol Neuroimmunol Neuroinflamm.* 2021 Nov 16;9(1):e1100. doi: 10.1212/NXI.0000000000001100.

23. Cellerino M, Boffa G, Lapucci C, Tazza F, Sbragia E, Mancuso E, Bruschi N, Minguzzi S, Ivaldi F, Poirè I, Laroni A, Mancardi G, Capello E, Uccelli A, **Novi G**, Inglese M. Predictors of Ocrelizumab Effectiveness in Patients with Multiple Sclerosis. *Neurotherapeutics.* 2021 Oct;18(4):2579-2588. doi: 10.1007/s13311-021-01104-8.

24. Tazza F, Lapucci C, Cellerino M, Boffa G, **Novi G**, Poirè I, Mancuso E, Bruschi N, Sbragia E, Laroni A, Capello E, Inglese M. Personalizing ocrelizumab treatment in Multiple Sclerosis: What can we learn from Sars-Cov2 pandemic? *J Neurol Sci.* 2021 Aug 15;427:117501. doi: 10.1016/j.jns.2021.117501.

25. Cellerino M, Priano L, Bruschi N, Boffa G, Petracca M, **Novi G**, Lapucci C, Sbragia E, Uccelli A, Inglese M. Relationship Between Retinal Layer Thickness and Disability Worsening in Relapsing-Remitting and Progressive Multiple Sclerosis. *J Neuroophthalmol*. 2021 Sep 1;41(3):329-334. doi: 10.1097/WNO.0000000000001165.

26. Perra D, Bongiani M, **Novi G**, Janes F, Bessi V, Capaldi S, Sacchetto L, Tagliapietra M, Schenone G, Morbelli S, Fiorini M, Cattaruzza T, Mazzon G, Orrù CD, Catalan M, Polverino P, Bernardini A, Pellitteri G, Valente M, Bertolotti C, Nacmias B, Maggiore G, Cavallaro T, Manganotti P, Gigli G, Monaco S, Nobili F, Zanusso G. Alpha-synuclein seeds in olfactory mucosa and cerebrospinal fluid of patients with dementia with Lewy bodies. *Brain Commun*. 2021 Mar 22;3(2):fcab045. doi: 10.1093/braincomms/fcab045.

27. Godano E, Barra F, Allodi A, Ferraiolo A, Laroni A, **Novi G**, Mancardi GL, Gustavino C, Arioni C. Erythropoietin therapy in a case of neonatal anemia after exposure to natalizumab throughout pregnancy. *Ital J Pediatr*. 2021 Mar 23;47(1):69. doi: 10.1186/s13052-021-01025-4.

2022

28. Rossi T, **Novi G**, D'Agostino I, di Cello L, Soldati MR, Telani S, Ripandelli G. Bilateral optic neuritis as the presenting sign of post SARS-CoV-2 acute disseminated encephalomyelitis. *Am J Ophthalmol Case Rep*. 2022 Mar; 25:101273. doi: 10.1016/j.ajoc.2022.101273.