

Sara Mariotto, M.D. PhD

CURRICULUM VITAE ET STUDIORUM

Dati personali:

Sara Mariotto è nata a Verona il 13/03/1985. Dal dicembre 2020 è Ricercatore tipo A presso l'Università di Verona, Dipartimento di Neuroscienze, Biomedicina e Movimento e svolge attività clinica e di ricerca presso la Clinica Neurologica di Verona, Policlinico GB Rossi. Sara ha ottenuto il diploma di maturità presso il Liceo Classico Statale Scipione Maffei di Verona nel 2004 con una votazione di 100/100 cum laude e il diploma di laurea in Medicina e Chirurgia presso l'Università degli Studi di Verona il 20/07/2010, con una tesi intitolata "Studio della corteccia cingolata anteriore nelle demenze frontotemporali" ottenendo una votazione di 110/110 cum laude. Ha conseguito il diploma di Specializzazione in Neurologia presso l'Università degli Studi di Verona il 14/07/2016 (durata della specialità di 5 anni) con una tesi intitolata "Ruolo diagnostico degli anticorpi anti-glicoproteina oligodendrocitaria della mielina nei pazienti con sospetta neuromielite ottica sieronegativa per gli anticorpi anti-acquaporina-4" ottenendo una votazione di 70/70 cum laude. Dopo la specializzazione ha continuato a frequentare la Clinica Neurologica Universitaria di Verona ed è risultata vincitrice di una borsa di studio in merito al progetto dal titolo "Encefaliti ed Encefalopatie autoimmuni" per il mese di settembre 2016. Successivamente, ha conseguito il dottorato in Neuroscienze, Scienze Psicologiche e Psichiatriche e Scienze del Movimento, Scienze della Vita e della Salute presso il Dipartimento di Neuroscienze, Biomedicina e Movimento dell'Università di Verona discutendo una tesi dal titolo "Livelli di Neurofilamenti a Catena Leggera nei pazienti con anticorpi anti-MOG" a maggio, 2020 ottenendo anche il titolo di Doctor Europaeus. Nel corso del dottorato in neuroscienze ha continuato a svolgere attività clinica oltre che di ricerca presso la Clinica Neurologica ed il Laboratorio di Neuropatologia dell'Università di Verona. Dopo il dottorato, è risultata vincitrice di una borsa di studio inerente l'analisi di test diagnostici e prognostici nelle encefaliti autoimmuni e nella neuromielite ottica della durata di 8 mesi (ottobre 2019-maggio 2020) e successivamente (settembre-novembre 2020) di una borsa di studio inerente l'analisi dell'incidenza delle patologie MOG-correlate e dell'utilità di biomarcatori di danno assonale, presso la Clinica Neurologica dell'Università di Verona.

Le sue aree di interesse clinico e scientifico comprendono le patologie neurodegenerative, le neuropatie periferiche, la neuroinfettivologia, la neuroimmunologia e la neuropatologia.

Attualmente, oltre a svolgere attività clinica presso il reparto di neurologia, è responsabile dell'ambulatorio dedicato alle patologie neuroimmunologiche e delle neuropatie periferiche e dell'attività diagnostica relativa a questo settore (determinazione di bande oligoclonali, ricerca di anticorpi contro antigeni di superficie, intracellulari e sinaptici, ricerca di anticorpi anti-AQP4 ed anti-MOG, ricerca anticorpi anti-MAG e Gangliosidi) presso il laboratorio di Neuropatologia di Verona, partecipando alla continua introduzione di nuove metodiche diagnostiche. Suo interesse principale sono le encefaliti/encefalomieliti autoimmuni, argomento che ha approfondito durante un periodo di ricerca presso il Dipartimento di Neurologia dell'Università di Innsbruck (marzo-ottobre 2017), sotto la supervisione del Prof. Markus Reindl. Nel corso di questo periodo di studio ha imparato la diagnostica degli anticorpi anti-MOG e la caratterizzazione delle sottoclassi IgG mediante cell based assay, l'isolamento delle cellule mononucleate dal sangue periferico (PBMC isolation) e la quantificazione di specifiche citochine nel siero e nel liquor mediante test ELISA. Sara ha inoltre frequentato l'Istituto di Neurologia dell'Università di Vienna (ottobre 2017) dove ha appreso nuove tecniche per la diagnostica delle encefaliti autoimmuni, con la supervisione di Prof. Romana Höftberger. Sara ha infine contribuito ad organizzare periodici incontri di discussione di casi clinici multidisciplinari presso la Clinica Neurologica Universitaria di Verona, ha partecipato attivamente all'organizzazione di convegni scientifici di argomento neurimmunologico, neuroinfettivologico e neuropatologico, svolge attività di formazione clinica e scientifica, partecipa attivamente a congressi, gruppi di studio e società scientifiche di riferimento e ha creato una rete di collaborazioni nazionali ed internazionali disegnando e partecipando a numerosi studi multicentrici prevalentemente in ambito neuroimmunologico. Svolge inoltre attività didattica per gli studenti di Medicina e Chirurgia e della Scuola di Specializzazione in Neurologia.

E' iscritta all' Ordine dei Medici di Verona dal 23/02/2011 con il numero 08172.

Ha acquisito l'abilitazione nazionale come Professore Associato in Neurologia il 28/01/2022.

Capacità generali:

- Patente di guida B dal 23/12/2003 e A dal 04/11/2017
- Ottimo inglese scritto e parlato
- Utilizzo di Microsoft (Word, PowerPoint, Excel, Access)

Capacità specifiche in ambito neurologico:

- Esecuzione e lettura di esami neurofisiologici di base
- Esecuzione di biopsie di nervo e di cute

- Esecuzione di analisi diagnostiche mediante immunoistochimica, immunofluorescenza, cell-based assay (CBA), ELISA, PBMC isolation
- Diagnostica mediante microscopia ottica a luce trasmessa e fluorescenza

Pubblicazioni scientifiche:

1. Monaco S, **Mariotto S**, Ferrari S. Peripheral neuropathy and central nervous system involvement in Cryoglobulinemia. In F. Dammacco (ed.), *HCV Infection and Cryoglobulinemia*, Springer-Verlag; 2011.
2. Monaco S, Ferrari S, Gajofatto A, Zanusso G, **Mariotto S**. HCV-related nervous system disorders. *Clin Dev Immunol*. 2012: 236148; 2012.
3. **Mariotto S**, Bianchi MR, Ferrari S, Zanusso G, Ghimenton C, Testoni M, Faccioli F, Frisoni GB, Monaco S. Cauda equina syndrome caused by lumbosacral epidural lipomatosis. A case report. *Clin Neurol Neurosurg*. 115: 1549-51; 2013.
4. Stefani A, Riello M, Rossini F, **Mariotto S**, Fenzi F, Gambina A, Zanusso G, Monaco S. Neurosyphilis manifesting with rapidly progressive dementia: report of three cases. *Neurol Sci*. 34: 2027-30; 2013.
5. **Mariotto S**, Tamburin S, Salviati A, Ferrari S, Zoccarato M, Giometto B, Bertolasi L, Alessandrini F, Benedetti MD, Monaco S. Anti-N-methyl-d-aspartate receptor encephalitis causing a prolonged depressive disorder evolving to inflammatory brain disease. *Case Rep Neurol*. 6: 38-43; 2014.
6. Baldan A, Ferronato S, Olivato S, Malerba G, Scuro A, Veraldi GF, Gelati M, Ferrari S, **Mariotto S**, Pignatti PF, Mazzucco S, Gomez-Lira M. Cyclooxygenase 2, toll-like receptor 4 and interleukin 1 β mRNA expression in atherosclerotic plaques of type 2 diabetic patients. *Inflamm Res*. 63: 851-8; 2014.
7. Delbue S, Ferrante P, **Mariotto S**, Zanusso G, Pavone A, Chinaglia M, L'Erario R, Monaco S, Ferrari S. Review of West Nile virus epidemiology in Italy and report of a case of West Nile virus encephalitis. *J Neurovirol*. 20: 437-41; 2014.
8. **Mariotto S**, Ferrari S, Monaco S. HCV-related central and peripheral nervous system demyelinating disorders. *Inflammation and Allergy-Drug targets*. 13 (5): 299-304; 2014.
9. **Mariotto S**, Bonetti B, Donato F, Micheletti N, Zanoni T, Moretto G, Squintani G. Ophthalmoparesis mimicking myasthenia gravis as acute manifestation of Hashimoto's encephalopathy. *J Mult Scler* 2: 134; 2015.

10. **Mariotto S**, Ferrari S, Sorio M, Benedetti F, Tridente G, Cavallaro T, Gajofatto A, Monaco S. Brentuximab vedotin: axonal microtubule's Apollyon. *Blood Cancer J.* 5: e343; 2015.
11. Iacono D, Ferrari S, Gelati M, Zanusso G, **Mariotto S**, Monaco S. Sporadic Creutzfeldt-Jakob Disease: Prion Pathology in Medulla Oblongata-Possible Routes of Infection and Host Susceptibility. *Biomed Res Int.* 2015: 396791; 2015.
12. Monaco S, **Mariotto S**, Ferrari S, Calabrese M, Zanusso G, Gajofatto A, Sansonno D, Dammacco F. Hepatitis C virus-associated neurocognitive and neuropsychiatric disorders: Advances in 2015. *WJ Gastroenterol.* 21: 11974-83; 2015.
13. Ferrari S, **Mariotto S**, Cavallaro T, Fabrizi GM, Monaco S. Infectious neuropathies in C. Angelini (ed.), Springer International Publishing Switzerland. *Acquired Neuromuscular Disorders: Pathogenesis, Diagnosis and Treatment.* DOI 10.1007/978-3-319-29514-5_19; 2016.
14. Erro R, Bozzetti S, Goffi F, **Mariotto S**, Tinazzi M. L-Dopa-induced off: functional overlay in Parkinson disease. *J Neurol Sci.* 365: 1-2; 2016.
15. Bartolo M, CHIÒ A, Ferrari S, Tassorelli C, Tamburin S, Avenali M, Azicnuda E, Calvo A, Caraceni AT, Defazio G, DE Icco R, Formisano R, Franzoni S, Greco E, Jedrychowska I, Magrinelli F, Manera U, Marchioni E, **Mariotto S**, Monaco S, Pace A, Saviola D, Springhetti I, Tinazzi M, DE Tanti A; Italian Consensus Conference on Pain in Neurorehabilitation (ICCPN). Assessing and treating pain in movement disorders, amyotrophic lateral sclerosis, severe acquired brain injury, disorders of consciousness, dementia, oncology and neuroinfectivology. Evidence and recommendations from the Italian Consensus Conference on Pain in Neurorehabilitation. *Eur J Phys Rehabil Med.* 52: 841-54; 2016.
16. Sandrini G, Tamburin S, Paolucci S, Boldrini P, Saraceni VM, Smania N; Italian Consensus Conference on Pain in Neurorehabilitation (ICCPN). Additional authors: Agostini M, Alfonsi E, Aloisi AM, Alvisi E, Aprile I, Armando M, Avenali M, Azicnuda E, Barale F, Bartolo M, Bergamaschi R, Berlangieri M, Berlincioni V, Berliocchi L, Berra E, Berto G, Bonadiman S, Bonazza S, Bressi F, Brugnera A, Brunelli S, Buzzi MG, Cacciatori C, Calvo A, Cantarella C, Caraceni AT, Carone R, Carraro E, Casale R, Castellazzi P, Castelnuovo G, Castino A, Cella M, Cerbo R, Chiò A, Ciotti C, Cisari C, Coraci D, Dalla Toffola E, Defazio G, De Icco R, Del Carro U, Dell'Isola A, De Tanti A, D'Ippolito M, Fazzi E, Federico A, Ferrari A, Ferrari S, Ferraro F, Formaglio F, Formisano R, Franzoni S, Gajofatto F, Gandolfi M, Gardella B, Geppetti P, Giammò A, Gimigliano R, Giusti EM, Greco E, Ieraci V, Invernizzi M, Jacopetti M, Jedrychowska I, Lacerenza M, La Cesa S, Lobba D, Magrinelli F, Mandrini S, Manera U, Manzoni GM, Marchettini P, Marchioni E, **Mariotto S**, Martinuzzi A, Masciullo M, Mezzarobba S, Miotti D, Modenese A, Molinari M, Monaco S, Morone G, Nappi R, Negrini S,

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20. **Mariotto S**, Andreetta F, Farinazzo A, Monaco S, Ferrari S. Persistence of anti-NMDAR antibodies in CSF of after recovery from autoimmune encephalitis. *Neurol Sci.* 38:1523-4; 2017.
21. Cagnin A, **Mariotto S**, Fiorini M, Gaule M, Bonetto N, Tagliapietra M, Buratti E, Zanusso G, Ferrari S, Monaco S. Microglial and Neuronal TDP-43 Pathology in Anti-IgLON5-Related Tauopathy. *J Alzheimers Dis.* 59:13-20; 2017.
22. **Mariotto S**, Monaco S, Peschl P, Coledan I, Mazzi R, Höftberger, Reindl M, Ferrari S. MOG antibody seropositivity in a patient with encephalitis: beyond the classical syndrome. *BMC Neurol.* 17: 190; 2017.
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 33. Russi S, Sansonno D, Monaco S, **Mariotto S**, Ferrari S, Pavone F, Lauletta G, Dammacco F. HCV RNA genomic sequences and HCV-E2 glycoprotein in sural nerve biopsies from HCV-infected patients with peripheral neuropathy. *Neuropathol Appl Neurobiol.* 44: 427-38; 2018.
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Presentazioni orali a congressi nazionali ed internazionali:

- *Sporadic CJD: focusing on the pathology of specific brainstem nuclei and cues for possible routes of infection.* “47th AINP and 37th AIRIC Congress”, Genova, 05/2011.
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- *Brentuximab-Vedotin a microtubule Apollyon.* “5^o ASNP Congress”, Torino, 04/2015.
- *Anti-GAD encephalitis: an atypical clinical picture.* “51^o AINPeNC and 41^o AIRIC Congress”, Verona, 06/2015.
- *Anti-MOG antibodies in inflammatory disorders.* Seminario presso la Clinica Neurologica, Università di Verona, 2016 e l’Unità di Sclerosi Multipla di Montichiari, Brescia, 07/2016.

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- *Pediatric inflammatory demyelinating conditions: the role of laboratory*. "Periodic Neuropsychiatric Meeting", Verona, 01/2018 e "Autoimmune encephalitis and atypical demyelinating conditions", Verona, 02/2018.
- *Anti-myelin oligodendrocyte glycoprotein (MOG) antibodies in demyelinating disorders*. "Open Neuroscience Forum", Verona, 01/2018.
- *Antibody-mediated central nervous system disorders*. "54° AINP e NC and 44° AIRIC Congress", Milano, 05/2018.
- *NMO and MOG: diagnostic techniques and clinical update*. "N-LoGiSM", Milano, 06/2018.
- *Neurofilament light chain (NfL) serum concentration reflects disease severity in patients with MOG-Ab associated disorders*. "EAN congress", Lisbon, 06/2018.
- *Serum and CSF neurofilament light chain as possible biomarker in anti-neuropil antibody-associated encephalitis*. "EAN congress", Lisbon, 06/2018.
- *Plasma exchange in neurological disorders*. "Summer School of Apheresis and autoimmune conditions", Rif. Galassi, Calalzo di Cadore (BL), 07/2018.
- *Primary B-cell lymphoma of the CNS and anti-NMDAR encephalitis: a unique constellation*. "Rapidly progressive dementia and Limbic encephalitis meeting", Venezia, 09/2018.
- *Non only Multiple Sclerosis*. "Theoretical and Practical Course on Multiple Sclerosis", Brescia, 10/2018.
- *AQP4-Ab and MOG-Ab: diagnosis and clinical update*. "24° ELAS annual symposium", Bologna, 11/2018.
- *Anti-MOG in encephalomyelitis*. "Current awareness and critical insights in clinical and experimental neuroimmunology", Pavia, 12/2018.
- *Autoimmune encephalitis: clinical aspects and diagnosis*. "Autoimmune encephalitis: aetiology, diagnosis and treatment", Como, 12/2018.
- *The Peculiarity of autoimmune diagnosis in Neurology*. "Pills of allergology and autoimmunity", Udine, 02/2019.
- *Antibody-associated CNS disorders: an introduction*. "Antibody-associated CNS disorders and their differential diagnosis", Verona, 02/2019.

- *Diagnosis of autoimmune encephalitis: serum and CSF biomarkers.* “Autoimmune encephalitis and atypical demyelinating conditions: aetiology, diagnosis and treatment”, Reggio Emilia, 09/2019.
- *The problem of anti-MOG antibodies: laboratory and clinical aspects.* “Update on Multiple Sclerosis”, Montichiari, Brescia, 10/2019.
- *Inflammatory demyelinating diseases: clinical aspects and diagnostic challenges.* “Euroimmun internal workshop on antibody-mediated disorders in Neurology”, Lubeck, 10/2019.
- *Humoral immunity.* “Neurologist and immunology of inflammatory CNS disorders”, Brescia, 11/2019.
- *Neurofilament light chain in central and peripheral nervous system conditions: beyond multiple sclerosis.* “Oxford Roundtable”, Oxford, 11/2019.
- *Neurofilament light chain levels in patients with antibodies to myelin oligodendrocyte glycoprotein.* “European NMO 2020 Meeting”, Berlin, 02/2020.
- *CSF analysis in MOG-Abs positive cases.* “European NMO 2020 Meeting”, Berlin, 02/2020.
- *Neurofilament light chain levels in patients with inflammatory demyelinating conditions associated with antibodies to myelin oligodendrocyte glycoprotein (MOG-Abs).* “European Academy of Neurology virtual congress”, 05/2020.
- *Serum Neurofilament Light Chain Levels Differentiate Spinal Cord Infarction from Inflammatory Myelopathies.* “European Academy of Neurology virtual congress”, 05/2020.
- *Nervous System: Subclinical Target of SARS-CoV-2 Infection.* “Simoa Success Webinar (presentazione online)”, 11/2020.
- *Treatment of atypical demyelinating syndrome (MOG e AQP4).* “Neuroimmunology: implications of the SARS-CoV-2 pandemic (congresso online)”, 12/2020.
- *Immuno-mediated encephalitis and COVID-19.* “World week of the brain (congresso online)”, 03/2021.
- *NMOSD and MOGAD: clinical, diagnostic, and therapeutic aspect.* At the “Multiple sclerosis and infectious conditions: an update”, Catania, 09/2021.
- *Limbic encephalitis.* At the “Diagnosis and treatment of neuroimmunological conditions”, Lecco, 09/2021.
- *The significance of CSF antibody testing.* At the “The Neurologist and Immunology”, Brescia, 11/2021.
- *SARS-CoV-2-related pandemic: how it influenced antibody-mediated CNS conditions and inflammatory peripheral neuropathies.* At the “Multiple Sclerosis and autoimmune CNS conditions”, Trieste, 12/2021.

- *Autoimmune encephalitis*. At the “Clinical Neuroimmunology”, Napoli, 02/2022.
- *SARS-CoV-2 and NMOSD/MOGAD*. At the European NMOSD/MOGAD meeting, Lyon, 06/2022.
- Guthy Jackson foundation round table (ask the doctors section) and patients’ meeting, Los Angeles, CA, USA, 07/2022.
- *MOG antibodies and MOGAD*. At the Neuroimmunological disease congress, from symptoms to treatment, Lecco, 09/2022.
- *Diagnosis of MOG-Abs*. At the “3rd course for the diagnosis of demyelinating conditions”, Alghero, 10/2022.
- *Clinical-laboratory discussion in the diagnosis of autoimmune neurological disorders: focus on the COVID-19 pandemic*. At the 7th National SIPmMeL congress (Italian society of clinical pathology and laboratory medicine), Riva del Garda, Trento, 10/2022.
- *Autoimmune encephalitis: an update*. At Neuromonday of the Neurology Brescia Unit, online, 10/2022.
- *Demyelinating conditions associated with anuto-antibodies: MOGAD*. At the Neurology Talk, online, 10/2022.
- *NMOSD and MOGAD: immunopathogenesis and diagnosis*. Scientific Seminar, Firenze, 11/2022.
- *PNS involvement in patients with central autoimmunity*. At the Specialised course on clinical and imaging neurophysiopathology of the peripheral nervous system, Verona, 11/2022.
- *NMOSD, MS, and MOGAD, similarities and differences*. Online patients’ seminar promoted by the Sumaira Foundation, 12/2022.
- *Autoantibody profiles in Autoimmune encephalitis*. At the Clinical Neuroimmunology in Naples, II edition, Napoli, 02/2023.
- *Biosample collection: serum and CSF*. At the ACON Acute Optic Neuritis Network, Tel Aviv, 05/2023.
- *MAG-related neuropathy*. At the “Neurology Workshop”, Padova, 05/2023.
- *GFAP and NfL in patients with NMOSD and MOGAD*. At the “” Fluid biomarkers and multiple sclerosis: the long road toward validation (online), 05/2023.
- *MOGAD: diagnosis and treatment*. At the “The requirement for neurological awareness in the future, young SIN event”, Rimini, 05/2023.
- *Future perspective in laboratory research in MOGAD*. At the “FISM congress”, Roma, 05-06/2023.

- *CSF MOG AQP4 antibody should be tested routinely with serum now*. At the MEDEN (Mogad Eugene Devic European Network) congress, Oxford, 06/2023.
- *Laboratory diagnosis in demyelinating CNS conditions*. At the Verona Multiple Sclerosis Day: MS, NMOSD, and MOGAD from diagnostic challenges to therapeutic implications, Verona, 06/2023.
- *NMOSD diagnosis and differential diagnosis*. At the Complement role in rare neurological disorders , Cagliari, 07/2023.
- *Antibody-mediated WM diseases across age (NMO&MOGAD)*, Roma, 09/2023 (online)
- *NMOSD: aspetti diagnostici e terapeutici*, Pescara, 09/2023 (online)
- *MOGAD: diagnostic assays*. At the 9th Joint ECTRIMS ACTRIMS meeting, Milano, 10/2023.
- *Antibody-related diagnosis in NMOSD*. At the , “New Perspectives in NMOSD”, Bologna, 11/2023.
- *Antibody-related diagnosis in NMOSD*. At the , “Corner, Expert Meeting-Focus on NMOSD”, Porto San Giorgio (FM), 11/2023.
- *Neurological Complications of immune checkpoint inhibitors*, Expert Seminars for the University of Modena (online), 11/2023.
- *CSF MOG antibodies*. At the MOGAD Masterclass 2023, Oxford, UK, 12/2023.
- *NMOSD and MOGAD, CSF analysis*. At the “Update on MOGAD, NMOSD and Multiple Sclerosis”, GDS Neuroophthalmology SIN meeting, Palermo, 12/2023.
- *MOG associated syndromes in adults*. At the Neuroimmunological disorders in adults and pediatrics, Lecco, 02/2024.
- *Glial and neuronal damage biomarkers in autoimmune neurology*. At the “AAN datablitz”, online, 02/2024.
- *Expert seminar at the University of Berlin: Differential diagnosis of MS: focus on NMOSD and MOGAD antibody testing and biomarker analysis*. Berlin, 02/2024.
- “Autoimmune encephalitis””At the “2° INCONTRO CUNEESE DI NEUROIMMUNOLOGIA”, online, 03/2024.
- *Laboratory diagnosis and MRI in the differential diagnosis of demyelinating conditions*. At the “Demyelinating conditions: differential diagnosis between MS, NMOSD, and MOGAD and their treatment”, Bolzano, 03/2024.
- *NMOSD and MOGAD, autoantibody testing and serostatus fluctuations*. At the “Diagnosis and treatment of autoimmune demyelinating CNS disorders and Myasthenia Gravis”, Alghero, 04/2024.

- *GFAP/NfL are useful to monitor disease activity in NMOSD and MOGAD and Working Group on Seronegative NMOSD activity presentation.* At the MEDEN 2024 meeting, Berlino, 05/2024
- *“MOGAD patients should be treated with chronic immunosuppressants after first presentation: No” in the EAN/ISNI section: Controversy in management of patients with MOGAD.* At the 10th EAN Congress, Helsinki, 07/2024.
- *“Pitfalls in serological diagnosis and biomarkers of glial and neuronal damage in NMOSD and MOGAD ”.* At the AAN Summer Conference, Atlanta, USA, 07/2024.
- *Rountable discussion on the utility of biomarkers in NMOSD/MOGAD.* At the GJF pre-ECTRIMS meeting, Copenhagen, Denmark, 09/2024
- *How to use MOG antibody testing: whatm where, and when.* At the ECTRIMS meeting (40th congress of the European Committee for Treatment and Research in Multiple Sclerosis), Copenhagen, Denmark, 09/2024.
- *Can you recognize it? Challenges in diagnosis and management of MOGAD.* At the ECTRIMS meeting (40th congress of the European Committee for Treatment and Research in Multiple Sclerosis), Copenhagen, Denmark, 09/2024.

Presentazioni di poster a congressi nazionali ed internazionali:

- *IgLon5 encephalitis: between neuroinflammation and neurodegeneration.* “American Association of Neuropathologists Meeting”, Denver, 06/2015.
- *Relevance of serum anti-MOG antibodies for diagnosis and characterization of CNS demyelinating disorders.* “32nd Congress of the european committee for treatment and research in multiple sclerosis and 21st annual conference of rehabilitation in MS”, London, 09/2016 e “XLVII SIN national congress”, Venezia, 10/2016.
- *Persistence of CSF anti-NMDAR antibodies after recovery from autoimmune encephalitis.* “XLVII SIN national congress”, Venezia, 10/2016.
- *Anti-MOG-IgG associated syndrome: report of 20 cases.* “XXVI AINI Congress, 16th ESNI Course”, Venezia, 06/2017.
- *Anti-MOG-IgG associated syndromes: report of 22 cases.* “7th Joint Ectrims-Actrims meeting”, Paris, 10/2017.
- *Serum NF-L in NMOSD and related disorders: comparison according to AQP4 and MOG antibodies status.* “7th Joint Ectrims-Actrims meeting”, Paris, 10/2017.

- *Comparison of IL-6 levels in CNS inflammatory conditions according to Aquaporin-4 and Myelin Oligodendrocyte Glycoprotein antibody status.* „American Academy of Neurology“ annual meeting, Los Angeles, 04/2018.
- *Serum Neurofilament light chain concentration correlates with cognitive impairment and brain atrophy in relapsing remitting MS.* „34th Congress of the european committee for treatment and research in multiple sclerosis”, Berlin, 10/2018.
- *Neurofilament light chain serum concentration reflects disease severity in patients with MOG-Ab associated disorders.* „34th Congress of the european committee for treatment and research in multiple sclerosis”, Berlin, 10/2018.
- *Serum and CSF neurofilament light chain as possible biomarker in anti-neuropil antibody-associated encephalitis: a multicenter study.* „The Lancet Summit: inflammation and immunity in disorders of the brain and mind”, Barcelona, 11/2018.
- *Flotillin-1/2 autoantibodies in patients with inflammatory disorders of the CNS.* “71st Annual Meeting of the American Academy of Neurology”, Philadelphia, 05/2019.
- *Diagnostic relevance of testing MOG-Abs in CSF of seronegative cases.* “5th EAN Congress”, Oslo, 07/2019.
- *Relevance of antibodies to MOG in CSF of seronegative cases.* “35thECTRIMS meeting”, Stockholm, 09/2019.
- *GABA_A receptor autoimmunity induced by Alemtuzumab treatment for MS: a case report.* “Encephalitis conference 2019”, London, 12/2019.
- *NMOSD Workshop: describing the diagnostic moment.* At the “Change Direction in NMOSD, across new therapeutic Horizons”, Roma, 09/2023.
- *Clinical utility of CSF MOG antibodies, NfL, and GFAP testing.* At the “UK-Childhood Neuro-Inflammatory Disorders Meeting”, 01/2024 (online).
- *MOGAD: how it differs from other neuroinflammatory disorders.* At the Clinical Neuroimmunology in Naples, Napoli, 02/2024.
- *Monitoring GFAP/NfL are useful to monitor disease activity in NMOSD and MOGAD and presentation of WG2”,* MEDEN 2024 meeting, Berlino, 05/2024.
- *Treatment options in refractory autoimmune encephalitis,* seminar at the “Neurology Pills”, online, 06/2024.

Organizzazione di congressi e meeting:

- “51° AINPeNC and 41° AIRIC Congress”, Verona, 06/2015.
- “Autoimmune encephalitis: characterisation and differential diagnosis”, Verona, 30/01/2015.
- “Monthly multidisciplinary discussion of clinical cases”, Università di Verona, dal 2015 al 2020.
- “Encephalomyelitis: an overview”, Verona, 19/02/2016.
- “Autoimmune encephalitis and atypical demyelinating conditions”, Verona, 16/02/2018.
- “Antibody-associated CNS disorders and their differential diagnosis”, Verona, 03/2019.
- “2020 World Encephalitis day”, Verona, 02/2020.
- “2021 World Encephalitis day”, Online, 02/2021.
- “Autoantibodies in central and peripheral nervous system disorders”, Verona, 03/2022.
- “Autoimmune and Paraneoplastic disorders of the Central Nervous System” Verona, 17/11/2023.6

Partecipazione a congressi nazionali ed internazionali:

- “Clinical, diagnostic and therapeutics meetings in neurology”, Verona, 16/09/2011.
- “47th AINP and 37th AIRIC Congress”, Genova, 19-21/05/2011.
- “Clinical, diagnostic and therapeutics meetings in neurology”, Verona, 16/12/2011.
- “10th Mediterranean Neuroscience Congress, 15th Etnean Epilepsy Workshop”, Catania, 12/2012.
- “Multiple Sclerosis: a different perspective; Meeting of the Italian association of Neuroepidemiology”, Verona, 02/05/2012.
- “Clinical, diagnostic and therapeutics meetings in neurology”, Verona, 14/09/2012.
- “Update on Parkinson disease and monogenic parkinsonisms”, Verona, 20/09/2012.
- “Genetic laboratory in the clinical practice”, Verona, 9 and 16/10/2012.
- “49⁰ AINPeNC and 37⁰ AIRIC Congress”, Pisa, 30/05 and 01/06/2013.
- “XLIV Congress of the Italian Society of Neurology”, Milano, 02-05/11/2013.
- “11th Mediterranean Neuroscience Congress and 16th Etnean Epilepsy Workshop”, Catania, 06/2013.
- “Update on Parkinsonism and neurodegenerative disorders”, Verona, 19/09/2013.
- “High specialized course for the staff of stroke unit in Veneto region”, Verona, 15/11/2013.
- “Cerebral hemorrhage: when blood reaches the brain”, Verona, 06/12/2013.
- “50⁰ AINPeNC and 40⁰ AIRIC Congress”, Verbania, 05-07/06/2014.

- “XLV Congress of the Italian Society of Neurology”, Cagliari, 11-13/10/2014.
- “New challenges in neuroinfectious disorders: comparison between clinical and research”, Roma, 23/10/2014.
- “17th Etnean Epilepsy Workshop”, Catania, 11/2014.
- “Autoimmune encephalitis: characterisation and differential diagnosis”, Verona, 30/01/2015.
- “1st Meeting of Neuroautoimmunity”, Prato, 20-21/02/2015.
- “The Lancet Neurology Autoimmune Disorders Conference”, Barcelona, 26-27/03/2015.
- “Vth Meeting of the Italian Society for the Peripheral Nervous System Study”, Torino, 09-11/04/2015.
- “Neuropathology and autoimmunity”, Verona, 04/06/2015.
- “51^o Congress of the Italian society of Neuropathology and Clinical Neurobiology; 41^o Congress of the Italian Society for the research in brain aging”, Verona, 4-6/06/2015.
- “91st Annual Meeting of the American Association of Neuropathologists”, Denver, USA, 11-14/06/2015.
- “Clinical and therapeutic approach to acute neuromuscular disorders”, Modena, 13/11/2015.
- “Recent advantages in virus-induced and autoimmune liver damage”, Bari, 04/12/2015.
- “Change of perspective about placebo, pregnancy and Devic”, Orbassano, 05/02/2016.
- “Encephalomyelitis: an overview”, Verona, 19/02/2016.
- “VI Meeting of the Italian Society for the Peripheral Nervous System Study”, Mondello, 14-16/04/2016.
- “XXV AINI Congress”, Lecce, 11-14/05/2016.
- “Extrahepatic complications of HCV: new therapeutic perspectives”, Bologna, 26/05/2016.
- “32nd Congress of the european committee for treatment and research in multiple sclerosis and 21st annual conference of rehabilitation in MS”, London, 14-17/09/2016.
- “XLVII SIN national congress”, Venezia, 22-25/10/2016.
- “National Congress AMCLI”, Rimini, 6-9/11/2016.
- “3rd Congress of the European Academy of Neurology”, Amsterdam 24-27/06/2017.
- “XXVI AINI Congress, 16th ESNI Course”, Venezia, 26-30/06/2017.
- “7th Joint Ectrims-Actrims meeting”, Paris, 25-28/10/2017.
- “Autoimmune encephalitis and atypical demyelinating conditions”, Verona, 16/02/2018.
- “10th Internation NMO meeting Roundtable Conference”, Los Angeles, 21/04/2018.
- “2018 American Academy of Neurology annual meeting”, Los Angeles, 21-27/04/2018.
- “54^o AINP e NC and 44^o AIRIC Congress”, Milano, 17-19/05/2018.

- “N-LoGiSM”, Milano, 6/06/2018.
- “European Academy of Neurology (EAN)” annual meeting, Lisbon, 16-19/06/2018.
- “Summer School of Apheresis and autoimmune conditions”, Rif. Galassi, Calalzo di Cadore (BL), 6-8/07/2018.
- “Rapidly progressive dementia and Limbic encephalitis”, Venice, 14-15 September 2018.
- “2018 NMO Symposium”, Berlin, 9/10/2018.
- “34th Congress of the european committee for treatment and research in multiple sclerosis”, Berlin, 10-12/10/2018.
- „The Lancet Summit: inflammation and immunity in disorders of the brain and mind”, Barcelona, 15-17/11/2018.
- “24^o ELAS annual symposium”, Bologna, 18-21/11/2018.
- “Current awareness and critical insights in clinical and experimental neuroimmunology”, Pavia, 12/12/2018.
- “Autoimmune encephalitis: aetiology, diagnosis and treatment”, Como, 13/12/2018.
- “Pills of allergology and autoimmunity”, Udine, 8/02/2019.
- “71st Annual Meeting of the American Academy of Neurology”, Philadelphia, PA, 4-10/05/19.
- “5th European Academy of Neurology (EAN) Congress”, Oslo, Norway 29/06/19-02/07/19.
- “GJF Round Table”, Stoccolma, Svezia 10/09/2019.
- “35th ECTRIMS meeting”, Stoccolma, Svezia 11-13/09/2019.
- “Autoimmune encephalitis and atypical demyelinating conditions: aetiology, diagnosis and treatment”, Reggio Emilia, 19/09/2019.
- “Neurologist and immunology of inflammatory CNS disorders”, Brescia, 14/11/2019.
- “Measurement of treatment efficacy: a comparison of prospectives” at the Multiple Sclerosis Day, Verona, 15/11/2019.
- “Powering precision health summit”, Barcelona, 19/11/2019.
- “Cerebrospinal fluid in neuroinflammation and neurodegeneration: updates on diagnostic and prognostic opportunities”, Ferrara, 22/11/2019.
- “Encephalitis conference 2019”, London, 02/12/2019.
- “MS Academy SM”, Bolzano, 07/02/2020.
- “European NMO 2020 Meeting”, Berlin, 13-14/02/2020.
- “GJF Round Table”, online meeting (as a panelist), 14/11/2020.
- “Encephalitis Conference”, online meeting, 07/12/2020.

- “Joint meeting AIM-ASNP Digital Edition 2020” 9-12/12/2020, come chairperson della sessione poster 1, “Biomarkers and outcome measures in neuromuscular disorders”
- “Annual Meeting of the American Academy of Neurology”, virtuale 17-22/04/2021
- “Neurological disorders associated with COVID-19” (neurowebinar), 01/05/2020
- “Neurological disorders associated with COVID-19: Guillain-Barré Syndrome Cases and Patients on Immunomodulators” (neurowebinar), 09/06/2020
- Neurological disorders associated with COVID-19: The Known and Unknown, and special focus on Alzheimer's dementia (neurowebinar), 02/07/2020
- Neurological disorders associated with COVID-19: Neuropsychiatric and neurocognitive aspects in Australia and America (neurowebinar), 20/08/2020
- Webinar: Neurological disorders associated with COVID-19: Learnings from the current literature and 'mutant' responses to COVID-19 (neurowebinar), 10/09/2020
- Neurological Associations of COVID-19: Pooling global data on NeuroCOVID (neurowebinar) 11/12/2020
- Neurological Associations of COVID-19: Olfactory transmucosal invasion and psychosis risk (neurowebinar) 17/02/2021
- Neurological Associations of COVID-19: How does SARS-CoV-2 affect the brain in mild and severe disease? (neurowebinar) 20/04/2021
- 7th European Academy of Neurology (EAN) Congress”, Virtual, 19-22/06/2021 – partecipante and chairperson della sessione e-presentation “MS and related disorders 5”
- 7th National SIPmMeL congress (Italian society of clinical pathology and laboratory medicine), Riva del Garda, Trento, 17-19/10/2022
- The Neurologist and Immunology, Brescia, 25-26/11/2021.
- Multiple Sclerosis and autoimmune CNS conditions, Trieste, 10/12/2021.
- Clinical Neuroimmunology, Napoli, 10-11/02/2022.
- European NMOSD/MOGAD meeting, Lyon, 02-04/06/2022.
- 8th European Academy of Neurology congress, Vienna, 25-28/06/2022.
- Guthy Jackson foundation round table and patients’ meeting, Los Angeles, CA, USA, 09-11/07/2022.
- The Neuroimmunological disease congress, from symptoms to treatment, Lecco, 23/09/2022.
- The MOGAD symposium, Boston, MA, USA 29-20/10/2022.
- “Pre-Ectrimis NMOSD symposium” (as a panelist), Amsterdam, the Netherlands, 25/10/2022.
- “38th ECTRIMS meeting”, Amsterdam, the Netherlands, 26-28/10/2022.

- “Clinical Neuroimmunology in Naples”, II edition, Napoli, 9-10/02/2023.
- “American Academy of Neurology (AAN) annual meeting,” 75th edition, Boston, USA, 22-27/04/2023.
- “ACON Acute Optic Neuritis Network”, Tel Aviv, Israel, 03-05/05/2023.
- “Neurology Workshop”, Padova, 10/05/2023.
- “The requirement for neurological awareness in the future, young SIN event”, Rimini, 12-14/05/2023.
- “Fluid biomarkers and multiple sclerosis: the long road toward validation (online)”, 16/05/2023.
- “FISM congress”, Roma, 30/05-01/01/2023.
- MEDEN (Mogad Eugene Devic European Network) congress, Oxford, 08-10/06/2023.
- Verona Multiple Sclerosis Day: MS, NMOSD, and MOGAD from diagnostic challenges to therapeutic implications, Verona, 23/06/2023.
- “The Complement role in rare neurological disorders”, Cagliari, 14/07/2023.
- “Change Direction in NMOSD, across new therapeutic Horizons”, Roma, 7-8/09/2023.
- “JAMS (Junior Academy Multiple Sclerosis)”, Roma, 21-23/09/2023 (online).
- “Encefaliti Autoimmuni”, Pescara, 29/09/2023 (online).
- 9th JointECTRIMS ACTRIMS meeting, Milano, 11-13/10/2023.
- “New Perspectives in NMOSD”, Bologna, 10/11/2023 (online)
- “Autoimmune and Paraneoplastic disorders of the Central Nervous System” Verona, 17/11/2023
- “Corner, Expert Meeting, focus on NMOSD” Porto San Giorgio (FM), 20/11/2023 (online)
- “MOGAD Masterclass 2023”, Oxford, UK, 01/12/2023.
- “Update on MOGAD, NMOSD and Multiple Sclerosis”, GDS Neuroophthalmology SIN meeting, Palermo, 14/12/2023.
- “ Neuroimmunological disorders in adults and pediatrics,” Lecco, 02/02/2024.
- “Clinical Neuroimmunology in Naples”, Napoli, 22-23/02/2024.
- “Demyelinating conditions: differential diagnosis between MS, NMOSD, and MOGAD and their treatment”, Bolzano, 15/03/2024.
- “Clinical research in NMOSD, challenges and opportunities”, Roma, 8-9/04/2024.
- “Diagnosis and treatment of autoimmune demyelinating CNS disorders and Myasthenia Gravis”, Alghero, 19-20/04/2024.

- MEDEN 2024 meeting (Meeting of the MOGAD Eugene Devic European Network), Berlino, 23-25/05/2024.
- 2nd Case based NMOSD/MOGAD meeting, Tallinn 28-29/06/2024.
- 10th EAN Congress, Helsinki, 29/06-02/07/2024.
- Annual AAN Summer Conference, Atlanta, Georgia, USA, 19 e 20/07/2024.
- The 15th GJCF Neuromyelitis optica roundtable Conference, Los Angeles, California, USA, 2-4/08/2024
- GJF pre-ECTRIMS meeting, Copenhagen, Denmark, 16/09/2024
- ECTRIMS (40th congress of the European Committee for Treatment and Research in Multiple Sclerosis), Copenhagen, Denmark, 17-20/09/2024
- CAR-T and neurotoxicity, Bologna, Italy, 01/10/2024
- Brain Conference, Verona, 9-11/10/2024

Partecipazione a corsi nazionali ed internazionali:

- “Pubmed: from the literature research to the article”, Verona, 12/12/2011.
- “Introduction on Evidence Based Neurology”, Novara, 18-20/06/2012.
- “CNS infection”, Catania, 12/06/2013.
- “ISPNI 3rd International Conference and Course on Neuromuscular Ultrasound”, Vienna, 22-24/05/2014.
- “Magnetic resonance techniques in neurodegenerative diseases, second course. The clinical, pathological and imaging continuum of major CNS proteinopathies”, Milano, 16-17/02/2015.
- “16^oCRNI course: extreme neuroinflammation”, Bergamo, 6-9/04/2016.
- “Annual retreat”, Innsbruck, 26-28/09/2016.
- “Update on Multiple Sclerosis”, Verona, 04/10/2016.
- “Course on security”, on line, completato il 29/10/2016.
- “Course on laboratory security”, Verona, 18-19/10/2016.
- “Update on Multiple Sclerosis”, Cittadella (PD), 15/11/2016.
- “Update on inflammatory and infectious disorders of the CNS”, Pavia, 25/05/2018.
- “Theoretical and Practical Course on Multiple Sclerosis”, Brescia, 1-3/10/2018.
- “Infectious diseases and infectious risk in course of novel treatment for multiple sclerosis”, Bolzano, 27/09/2019.
- “3rd course for the diagnosis of demyelinating conditions”, Alghero, 7-8/10/2022.

- “2° INCONTRO CUNEESE DI NEUROIMMUNOLOGIA”, online, 01/03/2024.

Fellowship di ricerca:

- EAN research Fellowship, Medical University and Neuroimmunology Laboratory, University of Innsbruck, marzo-ottobre 2017, supervisore Prof. M. Reindl
- Fellowship at the Institute of Neurology and Laboratory of Neuropathology, Medical University of Wien, ottobre 2017, supervisore Prof. R. Hoefftberger
- Attività di ricerca sul progetto “Diagnostic and prognostic test in antibody-mediated encephalitis and neuromyelitis optica”, Clinica Neurologica, Università di Verona, ottobre 2019-maggio 2020, supervisore Prof. S. Monaco
- Attività di ricerca sul progetto “Study of the incidence of MOG-related disorders and of the utility of biomarkers of axonal damage”, Clinica Neurologica, Università di Verona, settembre-novembre 2020, supervisore Dr. A. Gajofatto

Board editoriali:

- Associated Editor di Immunologic Research (da aprile, 2021)
- Membro del board editoriale di Frontiers in Neurology -Neuro-ophthalmology- (da marzo, 2021)
- Membro del board editoriale di Journal of Laboratory and Precision Medicine (da settembre, 2022)
- Membro del board editoriale come Review Editor di Frontiers in Neurology -Multiple Sclerosis and Neuroimmunology- (da ottobre, 2021) e di Frontiers in Neurology - Neuromuscular disorders and peripheral neuropathies (da luglio, 2022)-
- Membro del board Scientifico delle DyNAMICS Academy (da ottobre, 2021)

Attività di formazione e supervisione:

- Co-supervisore di una tesi di specialità dal titolo “Epileptic seizures of suspected autoimmune origin: a multicentre retrospective study”, 2019.

- Supervisore di una tesi di specialità dal titolo “Anti-SARS-CoV-2 antibodies in patients with inflammatory CNS neurological conditions”, 2020.
- Supervisore di una tesi di medicina e chirurgia dal titolo “Anti-SARS-CoV-2 antibodies in patients with inflammatory peripheral neuropathies”, 2021.
- Organizzatrice di Seminari di Esperti per gli specializzandi di neurologia:
 - “NMOSD: diagnosis and management”, R. Marignier; Lyon, France, 01/2021
 - “Towards understanding causation in autoimmune encephalitis”, S.R. Irani, Oxford, UK, 02/2021
 - “Myelitis and other autoimmune myelopathies: cause, diagnosis, and management”, E.P. Flanagan, Mayo Clinic, Rochester, MN, USA, 04/2021
- Organizzatrice di un corso sulla scrittura e presentazione in pubblico di lavori scientifici per gli specializzandi di neurologia (04-05/2021)
- Presentazione e discussione di casi clinici per gli studenti di medicina (settimanali, da 02/2021 a 01/2022)
- Organizzatrice di discussione di casi clinici complessi (settimanali/mensili, da 02/2021)

Premi scientifici:

- “Bando Ricerca Finalizzata 2021”, Young Researcher on a project entitled “Multiparametric biomarkers to predict the response to different protocols of motor-cognitive rehabilitation in Parkinson's disease subjects with postural instability and gait disorders”
- The Sumaira Foundation 2022 Spark Grant for a project entitled “Myelin basic Protein as a potential biomarker in MOGAD”
- “Best presentation, V Meeting of the Italian Society for the Peripheral Nervous System Study and subsequent publication” ricevuto al VI Meeting of the Italian Society for the Peripheral Nervous System Study, Mondello, 16/04/2016
- “EAN research fellowship” per l’anno 2017
- “Best scientific publication” ricevuto al 54° AINP e NC and 44° AIRIC Congress, Milano, 19/05/2018
- Travel grant award per il 3rd Congress of the European Academy of Neurology (EAN), 2017
- Travel grant award per il 4th Congress of the European Academy of Neurology (EAN), 2018
- Travel grant award per il 5th Congress of the European Academy of Neurology (EAN), 2019
- Travel grant award per il 2018 American Academy of Neurology (AAN) annual meeting, 2018

- Travel grant award per il 2019 American Academy of Neurology (AAN) annual meeting, 2019
- Travel grant per il 7th Joint ECTRIMS-ECTRIMS meeting, 2017
- Travel grant per il 34th ECTRIMS meeting, 2018
- Travel grant per il 35th ECTRIMS meeting, 2019

Partecipazione a trial clinici:

- Principal investigator di un trial dal titolo “Randomised, double-blind, placebo-controlled, multicenter, Phase 3, pivotal study with an open-label extension period to evaluate the efficacy and safety of Rozanolixizumab to treat adult patients with MOGAD” (promosso da Paraxel international)
- Principal investigator di un trial dal titolo “Phase III, randomised, double-blind, placebo-controlled multicenter study to evaluate the efficacy, safety, pharmacokinetics, and pharmacodynamics of Satralizumab as monotherapy or in addition to baseline therapy in patients with MOGAD” (promosso da Roche international)

Partecipazione a gruppi di ricerca:

- Neuroimmunology Board of the European Academy of Neurology (EAN)
- NINA (Italian Network of Autoimmune Neurology) Scientific Board
- Neuro-COVID network
- MEDEN (MOGAD Eugene Devic European Network) scientific board
- EAN/ECTRIMS task force for the guideline on treatment in NMOSD
- EAN task force for Autoimmune Encephalitis guidelines
- International clinical consortium for the study of NMOSD (Guthy-Jackson Foundation)
- The Sumaira Foundation scientific board

Membership/affiliazioni:

- AINI (Italian Association of Neuroimmunology)
- SIN (Italian Society of Neurology)

- EAN (European Academy of Neurology), also member of the Neuroimmunology Research Group
- Encephalitis Society
- GJF (Guthy Jackson Foundation)
- TSF (The Sumaira Foundation)

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Tutto quanto dichiarato nel presente Curriculum Vitae corrisponde a verità. Le dichiarazioni rese nel Curriculum Vitae sono rilasciate ai sensi degli articoli 46 e 47 del D.P.R. 445/2000.

Sara Mariotto