

CURRICULUM VITAE

PERSONAL INFORMATION

Name

VANOLI FIAMMETTA

e-mail

fiammetta.vanoli@istituto-besta.it

WORK EXPERIENCE

- Date (from-to)
- Work place
- Tasks

March 2021 - Today

Fondazione I.R.C.C.S Istituto Neurologico C. Besta – Unit of Neuroimmunology and Neuromuscular Diseases, Via Celoria 11, 20133 Milano
Neurologist.

Ward, outpatient and day hospital activities in the field of neuromuscular disorders and Myasthenia gravis.

Participation in several clinical trials as Sub-Investigartor: ARGX-113 1704/1705, CHAMPION-MG study (ALXN1210-MG-306), RAISE STUDY (ra101495-02.301), TAK-073-1005, MG003/004/007/0011, MSK002/003, MINT study (Inebilizumab in MG), IMMUNOVANT study (batoclimab phase III in mg), MOMENTA study (nipocalimab phase II and phase III in MG), ALXN1720, ALXN2050, ARGX-113-2002/2003, REGENERONstudy (cemdisiran and pozelimab in MG), LUMINESCE study (satralizumab in MG), MG0020

- Date (from-to)
- Work place
- Tasks

November 2020 - Today

La Sapienza University of Rome
PhD in Neuroscience

- Date (from-to)
- Work place
- Tasks

October 2022 – January 2023

Fondazione I.R.C.C.S Istituto Neurologico C. Besta
Neurologist – Evaluation of patients with suspected or confirmed Arnold Chiari Malformation (CM1)

- Date (from-to)
- Work place

March 2020 - November 2020

Fondazione I.R.C.C.S Istituto Neurologico C. Besta – Unit of Neuroimmunology and Neuromuscular Diseases Via Celoria, 11, 20133 Milano

- Tasks

Resident in Neurology

- Date (from-to)
- Work place
- Tasks

November 2016 – November 2020

La Sapienza University of Rome - Azienda Ospedaliera Sant'Andrea, Roma
Resident in Neurology – Main field of interest and work in Neuromuscular

Disorders, Neuropathology and Neurophysiology (outpatient visits; EMG/ENG execution and interpretation; muscle biopsy interpretation; innovative RNA-targeting therapies; research in the field of NMDs; clinical trials in the field of NDMs, participation to lectures, training, seminars and congresses in the field of NMDs)

- Date (from-to)
- Work place
- Tasks

April 2016 – July 2016

Family Doctor Studio of Dr. Giuseppe Oppezzo (Milan)
Substitution in the activity of family doctor

- Date (from-to)
- Work place

- Tasks

January 2013 – June 2016

Neurology Unit and Stem Cell Lab of Centro Dino Ferrari - Fondazione IRCCS Ospedale Maggiore Policlinico di Milano

Medical Student and later Medial Volunteer - Main field of interest and work in

Neuromuscular Disorders (outpatient visits; muscle biopsy interpretation) with daily activity in the Stem Cell Lab with iPSCs.

EDUCATION

- Date (from-to)
- Work place
- Tasks

18th November 2020

La Sapienza University of Rome

Residency in Neurology - vote 70/70 with praise

- Date (from-to)
- Institute
- Qualification, degree

15th February 2016

Ordine Provinciale dei Medici Chirurghi e degli Odontoiatri di Milano (OMCeO)

Registration in the medical register of Milan

- Date (from-to)
- Institute
- Qualification, degree

4th February 2016

State medical exam with attainment of medical practice license.

- Date (from-to)
- Institute
- Qualification, degree

September 2009 – July 2015

Università degli Studi di Milano

Degree of Medicine and Surgery – vote 110/110 with praise on July 21st 2015

- Date (from-to)
- Institute
- Qualification, degree

September 2004 – June 2009

Liceo Classico G. Berchet di Milano

High school diploma

AWARDS

Winner of National contest for “**Best thesis in the field of rare-hereditary-metabolic diseases**” held by Lions Club 7 Campanili Vigonza (6th Edition)

PERSONAL SKILLS

Mother tongue

Italian

Other languages

English

- Reading
- Writing
- Speaking

Excellent (C2)

Excellent (C2)

Excellent (C2)

- **Reading**
- **Writing**
- **Speaking**

German

Excellent (C2)
Excellent (C2)
Excellent (C2)

French

- **Reading**
- **Writing**
- **Speaking**

Good (B2)
Good (B1)
Good (B1)

PUBLICATIONS

Vanoli F, Rinchetti P, Porro F, Parente V, Corti S. Clinical and molecular features and therapeutic perspectives of spinal muscular atrophy with respiratory distress type 1. *Journal of Cellular and Molecular Medicine*. 2015;19(9):2058-2066. doi:10.1111/jcmm.12606.

Magri, F., **Vanoli, F.**, & Corti, S. (2018). mi RNA in spinal muscular atrophy pathogenesis and therapy. *Journal of cellular and molecular medicine*, 22(2), 755-767.

Bucci E, Testa M, Licchelli L, Frattari A, El Halabieh NA, Gabriele E, Pignatelli G, De Santis T, Fionda L, **Vanoli F**, Morino S, Garibaldi M, Di Pasquale A, Vanacore N, Botta A, Antonini G. A 34-year longitudinal study on long-term cardiac outcomes in DM1 patients with normal ECG at baseline at an Italian clinical centre. *J Neurol*. 2018 Apr;265(4):885-895. doi: 10.1007/s00415-018-8773-3. Epub 2018 Feb 10. PMID: 29429070.

Fionda, L., **Vanoli, F.**, Di Pasquale, A., Leonardi, L., Morino, S., & Antonini, G. (2018). Multifocal motor neuropathy following treatment with adalimumab for ulcerative colitis. *Journal of neurology*, 265(6), 1466-1468.

Leonardi, L., Garibaldi, M., Fionda, L., **Vanoli, F.**, Loreti, S., Morino, S., & Antonini, G. (2019). Widening the phenotypical spectrum of EGR2-related CMT: Unusual phenotype for R409W mutation. *Clinical neurophysiology: official journal of the International Federation of Clinical Neurophysiology*, 130(1), 93.

Pasquale, A. D., Leonardi, L., Fionda, L., **Vanoli, F.**, Garibaldi, M., Inghilleri, M., ... & Antonini, G. (2019). Nerve high-resolution ultrasonography in tangier disease. *Muscle & nerve*, 59(5), 587-590.

Leonardi, L., Loreti, S., Di Pasquale, A., Morino, S., Fionda, L., **Vanoli, F.**, ... & Antonini, G. (2020). Nerve high-resolution ultrasonography in peripheral nerve injuries associated with supracondylar humeral fractures in children. *Journal of Clinical Neuroscience*, 71, 119-123.

Garibaldi, M., Fionda, L., **Vanoli, F.**, Leonardi, L., Loreti, S., Bucci, E., ... & Ceccanti, M. (2020). Muscle involvement in myasthenia gravis: Expanding the clinical spectrum of myasthenia-myositis association from a large cohort of patients. *Autoimmunity Reviews*, 102498.a

Russo M, Obici L, Bartolomei I, Cappelli F, Luigetti M, Fenu S, Cavallaro T, Chiappini MG, Gemelli C, Pradotto LG, Manganelli F, Leonardi L, My F, Sampaolo S, Briani C, Gentile L, Stancanelli C, Di Buduo E, Pacciolla P, Salvi F, Casagrande S, Bisogni G, Calabrese D, **Vanoli F**, Di Iorio G, Antonini G, Santoro L, Mauro A, Grandis M, Di Girolamo M, Fabrizi GM, Pareyson D, Sabatelli M, Perfetto F, Rapezzi C, Merlini G, Mazzeo A, Vita G. ATTRv amyloidosis Italian Registry: clinical and epidemiological data. *Amyloid*. 2020 Dec;27(4):259-265. doi: 10.1080/13506129.2020.1794807. Epub 2020 Jul 22. PMID: 32696671.

Leonardi, L., **Vanoli, F.**, Fionda, L. et al. Nerve ultrasonography findings as possible pitfall in differential diagnosis between hereditary transthyretin amyloidosis with polyneuropathy and chronic inflammatory demyelinating polyneuropathy. *Neurol Sci* (2020).

Garibaldi M, Fattori F, Pennisi EM, Merlonghi G, Fionda L, **Vanoli F**, Leonardi L, Bucci E, Morino S, Micaloni A, Tartaglione T, Uijterwijk B, Zierikzee M, Ottenheijm C, Bertini ES, Stoppacciaro A, Raffa S, Salvetti M, Antonini G. Novel ACTA1 mutation causes late-presenting nemaline myopathy with unusual dark cores. *Neuromuscul Disord*. 2021 Feb;31(2):139-148. doi: 10.1016/j.nmd.2020.11.012. Epub 2020 Nov 30. PMID: 33384202.

Mantegazza R, **Vanoli F**, Frangiamore R, Cavalcante P. Complement Inhibition for the Treatment of Myasthenia Gravis. *Immunotargets Ther*. 2020 Dec 15;9:317-331. doi: 10.2147/ITT.S261414. PMID: 33365280; PMCID: PMC7751298.

Garibaldi, M., Lauletta, A., Bucci, E., Fionda, L., **Vanoli, F.**, Leonardi, L., Alfieri, G., Tufano, L., Morino, S., Merlonghi, G., Anibaldi, P., Salvetti, M., Testa, M., & Antonini, G. (2020). Gender effect on cardiac involvement in myotonic dystrophy type 1. *European journal of neurology*, 10.1111/ene.14665. Advance online publication.

Frangiamore R, Giossi R, **Vanoli F**, et al. Iatrogenic Kaposi's sarcoma in myasthenia gravis: learnings from two case reports [published online ahead of print, 2021 Jan 6]. *Neurol Sci*. 2021;10.1007/s10072-020-04971-9. doi:10.1007/s10072-020-04971-9

Fionda, L., Di Pasquale, A., Morino, S., Leonardi, L., **Vanoli, F.**, Loreti, S., Garibaldi, M., Lauletta, A., Alfieri, G., Bucci, E., Salvetti, M., & Antonini, G. (2021). Changes of clinical, neurophysiological and nerve ultrasound characteristics in CIDP over time: a 3-year follow-up. *Journal of neurology*, 10.1007/s00415-021-10485-x.

Howard Jr, James F., et al. "Safety, efficacy, and tolerability of efgartigimod in patients with generalised myasthenia gravis (ADAPT): a multicentre, randomised, placebo-controlled, phase 3 trial." *The Lancet Neurology* 20.7 (2021): 526-536.

Leonardi, Luca, et al. "High-resolution ultrasound of peripheral nerves in late-onset hereditary transthyretin amyloidosis with polyneuropathy: similarities and differences with CIDP." *Neurological Sciences* (2021): 1-8.

Leonardi, Luca, et al. "Skin biopsy and quantitative sensory assessment in an Italian cohort of ATTRv patients with polyneuropathy and asymptomatic carriers: possible evidence of early non-length dependent denervation." *Neurological Sciences* 43.2 (2022): 1359-1364.

Giossi, Riccardo, et al. "Anti-Spike IgG in multiple sclerosis patients after BNT162b2 vaccine: An exploratory case-control study in Italy." *Multiple sclerosis and related disorders* 58 (2022): 103415.

Vanoli, Fiammetta, and Renato Mantegazza. "Antibody Therapies in Autoimmune Neuromuscular Junction Disorders: Approach to Myasthenic Crisis and Chronic Management." *Neurotherapeutics* (2022): 1-14.

Pasqualin, Francesca, et al. "Development and validation of the Myasthenia Gravis TeleScore (MGTS)." *Neurological Sciences* (2022): 1-7.

Iacomino N, Vanoli F, Frangiamore R, et al. Complement Activation Profile in Myasthenia Gravis Patients: Perspectives for Tailoring Anti-Complement Therapy. *Biomedicines*. 2022;10(6):1360. Published 2022 Jun 9.

Leonardi L, Loreti S, Di Pasquale A, et al. Nerve high-resolution ultrasound in a 2-years follow-up of radial nerve palsy related to humeral shaft fractures [published online ahead of print, 2022 Jun 28]. *J Neurosurg Sci*. 2022;10.23736/S0390-5616.22.05781-2.

Vanoli, Fiammetta, and Renato Mantegazza. "What are the pharmacotherapeutic considerations for the treatment of myasthenia gravis?." *Expert Opinion on Pharmacotherapy* 23.13 (2022): 1471-1474.

Fionda, Laura, et al. "Muscle MRI in immune-mediated necrotizing myopathy (IMNM): implications for clinical management and treatment strategies." *Journal of Neurology* 270.2 (2023): 960-974.

Vanoli, Fiammetta, and Renato Mantegazza. "Ravulizumab for the treatment of myasthenia gravis." *Expert Opinion on Biological Therapy* 23.3 (2023): 235-241.

Dewilde, Sarah, et al. "Concordance between patient-and physician-reported Myasthenia Gravis Activities of Daily Living (MG-ADL) scores." *Muscle & Nerve* (2023).

Fionda, L., Vanoli, F., Di Pasquale, A., Leonardi, L., Morino, S., Merlonghi, G., ... & Antonini, G. (2023). Comparison of quantitative muscle ultrasound and whole-body muscle MRI in facioscapulohumeral muscular dystrophy type 1 patients. *Neurological Sciences*, 44(11), 4057-4064.

Vanoli, Fiammetta, and Renato Mantegazza. "Current drug treatment of myasthenia gravis." *Current Opinion in Neurology* 36.5 (2023): 410-415.

Frangiamore, R., Rinaldi, E., Vanoli, F., Andreetta, F., Mantegazza, R., & Antozzi, C. (2024). Efgartigimod improves triple-negative myasthenia gravis. *Neurological Sciences*, 45(3), 1307-1309.

Frangiamore, R., Rinaldi, E., Vanoli, F., Andreetta, F., Ciusani, E., Bonanno, S., ... & Antozzi, C. (2024). Efgartigimod in generalized myasthenia gravis: A real-life experience at a national reference center. *European Journal of Neurology*, 31(4), e16189.

The undersigner authorizes the treatment of his personal data according to the Italian Law n. 196, DL June 30th 2003 and GDPR 679/16. The *Curriculum Vitae* functions as autocertification by the D.P.R. n. 445 dated 28/12/2000

Date: 22/07/2024

Signature

A handwritten signature in black ink, appearing to be 'F. Vanoli', written over a horizontal line.