

WORK EXPERIENCE

Neurology Fellow

Fondazione IRCCS Istituto Neurologico Carlo Besta [02/2025 – Current]

City: Milan | Country: Italy

Clinical and research activities at SC Neurologia 1 - Malattia di Parkinson e disturbi del movimento focus on:

- Identifying compensatory mechanisms in Parkinson's disease through neurophysiological studies, including transcranial magnetic stimulation (TMS), functional MRI, and nuclear medicine investigations in patients with Parkinson's disease and idiopathic REM sleep behavior disorder (iRBD)
- Comprehensive clinical characterization of Parkinson's disease through clinical assessments, radiological investigations, and biomarker research.
- Investigating the clinical and neurophysiological impact of MR-guided focused ultrasound (MRgFUS) in focal and multi-segmental dystonia

Neurology Residency

Università degli Studi di Milano [26/01/2021 – 25/01/2025]

City: Milan | Country: Italy

Specialist Training Activities:

- Neurology Department, Azienda Ospedaliero-Universitaria delle Marche (January 2021 – January 2022). Participated in specialist outpatient clinics focused on Parkinson's disease and movement disorders, headache disorders, neurodegenerative diseases, and cerebrovascular diseases (stroke unit), under the supervision of Prof. Mauro Silvestrini
- Neurology Department, Ospedale San Paolo, ASST Santi Paolo e Carlo (January 2022 – January 2023). Assisted in specialist outpatient clinics dedicated to Parkinson's disease and movement disorders, clinical neurophysiology, headache disorders, neurodegenerative diseases, and cerebrovascular diseases (stroke unit), under the supervision of Prof. Alberto Priori
- Neurology Department, Policlinico di Milano, Ospedale Maggiore – Fondazione IRCCS Ca' Granda (January 2023 – January 2024). Participated in specialist outpatient clinics for Parkinson's disease and other movement disorders, as well as clinical neurophysiology, focusing research on genetic mutations in Parkinson's disease, under the supervision of Dr. Alessio Barnaba Di Fonzo.
- NEMO Center, Ospedale Niguarda, Milan (October – December 2023). Specialist training under the supervision of Prof. Valeria Sansone
- Fondazione IRCCS Istituto Neurologico Carlo Besta (January 2024 – January 2025). Currently training at the Neurology Unit 1 – Parkinson's Disease and Movement Disorders, under the supervision of Dr. Roberto Eleopra. Attending specialist outpatient clinics for neurodegenerative diseases, Parkinson's disease and other movement disorders, invasive neurostimulation (deep brain stimulation), botulinum toxin injections for movement disorders, supporting intraoperative monitoring during deep brain stimulation surgeries and lesioning procedures, evaluating autonomic nervous system function, functional movement disorders and clinical neurophysiology.

Sub-Investigator in the study "Pallidotomia unilaterale mediante ultrasuoni focalizzati per il trattamento della distonia degli arti refrattaria alla terapia farmacologica. Studio FUTURE"

Fondazione IRCCS Istituto Neurologico Carlo Besta

City: Milan | Country: Italy

"Lavoro autonomo con esercizio di attività medica specialistica di Neurologia"

ASST Melegnano e Martesana - S.C. Neurologia Vizzolo-Predabissi [01/03/2025 – Current]

City: Melegnano (Milano) | Country: Italy

"Medico di Continuità Assistenziale"

ASST Melegnano Martesana [01/11/2023 – Current]

City: Milan | Country: Italy

"Medico di Unità Speciale di Continuità Assistenziale"

Azienda ULSS n. 6 EUGANEA [01/04/2020 – 15/01/2021]

City: Padova | Country: Italy

EDUCATION AND TRAINING

Specialization in Neurology

Università degli Studi di Milano [07/02/2025]

City: Milan | Country: Italy | Final grade: 70/70 | Thesis: "Neurophysiological markers of motor compensatory mechanisms in early Parkinson's disease: a 2-year longitudinal study." Supervisor: Prof. Alberto Priori. Co-supervisor: Dr. Roberto Eleopra and Dr. Roberto Cilia. At "Fondazione IRCCS - Istituto Neurologico Carlo Besta"

"Corso teorico pratico sull'uso della tossina botulinica nella distonie focali"

Fondazione IRCCS Istituto Neurologico Carlo Besta. Director: Dr. Roberto Eleopra [11/2024]

"Update sulla diagnostica neurofisiologica e terapie interventistiche nei disordini del movimento. III edizione"

Accademia Nazionale di Medicina - SINC - LIMPE-DISMOV ETS. Director: Dr. Roberto Eleopra [02/2024]

Challenges in movement disorders

IRCCS Fondazione Mondino - Università degli Studi di Pavia [09/2023]

Registration at "Albo dei Medici Chirurghi della Provincia di Milano"

Albo dei Medici Chirurghi della Provincia di Milano [03/2020]

Master's degree in Medicine and Surgery

Università degli Studi di Padova [09/2013 – 07/2019]

City: Padova | Country: Italy | Final grade: 110/110 with honors | Thesis: "Role of beta-amyloid disease in cognitive and motor decline in Parkinson's disease." Supervisor: Prof. Angelo Antonini, associated professor in neurology and coordinator of a research group on movement disorders.

Internship in Movement Disorders Neurologic Clinic

Universitat Autònoma de Barcelona, Hospital Sant Pau. Director: Prof. Jaume Kulisevsky Bojarski [10/2019 – 11/2019]

City: Barcelona | Country: Spain

Internship in Movement Disorders Neurologic Clinic

Università degli Studi di Padova, Azienda Ospedaliera di Padova. Director: Prof. Angelo Antonini [2018 – 2019]

City: Padova | Country: Italy

Emergency Neurology Training

Università degli Studi di Padova [2019]

City: Padova | Country: Italy

Erasmus + Exchange Program

Universitat Autònoma de Barcelona, Hospital Sant Pau [09/2017 – 07/2018]

City: Barcelona | Country: Spain

High School Graduation

Liceo Scientifico "G. Marinelli" [2008 – 2013]

City: Udine | Country: Italy

PROJECTS

[07/2024]

Poster at the European Association of Neurology (EAN) Congress of Helsinki 2024

"Dysautonomia and cognitive impairment as clinical predictors of disease progression in patients with Parkinson's disease"

[04/2024]

Poster at the LIMPE-DISMOV ETS Congress of Milan 2024

"Dysautonomia and cognitive impairment as clinical predictors of disease progression in patients with Parkinson's disease"

[10/2023]

Winner of the Grant at the Società Italiana di Neurologia (SIN) Congress of Naples 2023

"Progressive immune-mediated cerebellar ataxia in a patient with Primary Sjogren's Syndrome and concomitant Hashimoto encephalopathy: a case report."

[07/2023]

Winner of the Grant at the European Association of Neurology (EAN) Congress of Budapest 2023

"Neuro Virtual Hospital: a pilot study for a model of multidisciplinary remote management of neurological patients"

[12/2022]

Poster at the Società Italiana di Neurologia (SIN) Congress of Milan 2022

"Suspected limbic predominant age-related TDP-43 encephalopathy (LATE) at pre-clinical stage: case report"

[2022]

Review published at the International Journal of Molecular Sciences

"Neuroprotection and Non-Invasive Brain Stimulation: Facts or Fiction?"

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s): English | Spanish | French

DIGITAL SKILLS

Microsoft Office / Microsoft Word / Microsoft Excel / Microsoft Powerpoint

Cinema, Music, Architecture, Traveling, Sport (Tennis, Soccer, Ski)

VOLUNTEERING

[2018 – 2019] Association "Libera la parola"

Voluntary teacher of italian language to refugees

Il presente documento ha funzione di autocertificazione ai sensi del D.P.R. n. 445 del 28/12/2000.

Milano, 03/04/2025



Francesco Pirone

Il documento originale, con la sottoscrizione, è conservato agli atti della SC Gestione e Sviluppo delle Risorse Umane