Curriculum Vitae

Personal Information

ARIANNA MANINI

Address

Telephone number

E-mail

Nationality

Date of birth

Sex

Position Doctor of Medicine (M.D.)

Professional experience

November, 2019 - Present
Residency School in Neurology at the Department of Neurological Sciences, University of Milan, Italy
Department of Biomedical and Clinical Sciences "Luigi Sacco", University of Milan, Milan, Italy
Currently attending the second year

February, 2019
Habilitation to the profession of Medical Doctor – State Exam
University of Milan, Milan, Italy

February, 2019
Member of the Medicine Board of Milan – "Ordine dei Medici, Chirurghi ed Odontoiatri di Milano" (n.46239)

March, 2017 – October, 2019
Clinical Neurology Internship
Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Department of Pathophysiology and Transplantation (DEPT), Dino Ferrari Centre, Neuroscience Section, University of Milan, Milan, Italy
Clinical activity in Neurology Inpatient and Outpatient Clinic, focused on Movement Disorders and Neurodegenerative Diseases. Actively taking part in clinical rounds, patient diagnosis, treatment and management, clinical cases discussion, Magnetic Resonance Imaging interpretation and practical skills.

March, 2017 – October, 2019
Research Internship
Laboratory of Biochemistry and Genetics, Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, University of Milan, Milan, Italy
Active participation to basic research projects, focused on genetics of Movement Disorders and other Neurodegenerative Diseases.

January, 2017 – February, 2017
Clinical Infectious Diseases Internship
III Infectious Diseases Unit, Department of Biomedical and Clinical Sciences "Luigi Sacco", University of Milan, Milan, Italy

October, 2016 – December, 2016
Clinical Oncology Internship
Division of early Drug Development for Innovative Therapy, European Institute of Oncology (IEO), IRCCS, Milan, Italy

July, 2016 – August, 2016
Medical Elective Project - "International Volunteer HQ"
Pokhara – Nepal

April, 2016 – June, 2016

Clinical Oncology Internship

Department of Medical Oncology, Fondazione IRCCS Istituto Nazionale dei Tumori, University of Milan, Milan, Italy

Education and training

July, 2018

Master's Degree in Medicine and Surgery

- University of Milan, Milan, Italy
- Final score: 110/110, *magna cum laude* and *honorable mention*
- Title of dissertation: "The role of *LRP10* mutations in Parkinson's Disease and Dementia with Lewy Bodies"

July, 2012

Scientific High School Graduation

- Liceo Scientifico Statale Elio Vittorini, Milan, Italy
- Final score: 100/100

Work experience

July, 2018 – Present

Family Doctor Stand-in

Work experience as Family Doctor Stand-in in several Family Medicine Clinics in Milan

March, 2017 – Present

Research Activity

Laboratory of Biochemistry and Genetics, Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, University of Milan, Milan, Italy

Active participation to basic research projects, focused on genetics of Movement Disorders (*Parkinson's disease, Dementia with Lewy Bodies, Spinocerebellar Ataxias*) and other Neurodegenerative Diseases. Experience of laboratory activity in the field of molecular genetics (Next Generation Sequencing; Sanger Sequencing; DNA extraction; RT-PCR).
Currently working on the following basic research projects:
- Genetic screening of *LRP10* mutations in a cohort of patients affected by Parkinson's disease and Dementia with Lewy Bodies.
- Whole Exome Sequencing and Next Generation Sequencing panel approach of patients affected by Neurodegenerative and Neuromuscular Diseases.

March, 2017 – Present

Clinical Research Activity

Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Department of Pathophysiology and Transplantation (DEPT), Dino Ferrari Centre, Neuroscience Section, University of Milan, Milan, Italy

Stroke and Dementia Lab, Department of Biomedical and Clinical Sciences "Luigi Sacco", University of Milan, Milan, Italy

Participation to clinical trials, involvement in clinical evaluation of patients, patient's data collection and analysis, creation of databases (*ischemic and hemorrhagic stroke, dementia, Parkinson's disease*), literature review.
Currently working on the following clinical projects:
- Neuropsychological evaluation in the acute phase and during follow-up of patients with ischemic and hemorrhagic stroke.
- Detection of atrial fibrillation using implantable loop recorders in patients with cryptogenic ischemic stroke.
- Phenotypical and genetic characterization of patients with known and novel *NOTCH3* (CADASIL) mutations.

Honours and awards

January 23th-25th, 2019

Travel grant for the 7th Winter Seminar on Dementia and Neurodegenerative Disorders of the SINdem4Juniors, Bressanone, Italy

May 23rd-26th, 2020 | **Runner-up presentation in Basic Neurology at the European Academy of Neurology (EAN) Tournament for Neurologists in Training** (virtual)

Title: "The role of *LRP10* mutations in Parkinson's Disease and Dementia with Lewy Bodies"

Authors: **A. Manini**, L. Straniero, E. Monfrini, M. Vizziello, G. Franco, S. Duga, A. Di Fonzo

November 28th-30th, 2020 | **Grant for the 51th National Congress of the Italian Neurological Society (SIN)** (virtual)

June 19th-22th, 2021 | **Travel grant for the 7th Congress of the European Academy of Neurology (EAN)** (virtual)

Conferences

January 25th, 2019 | **Oral presentation at the 7th Winter Seminar on Dementia and Neurodegenerative Disorders of SINdem4Juniors, Bressanone, Italy**

Title: "The role of *LRP10* mutations in Parkinson's disease and Dementia with Lewy Bodies"

Authors: **A. Manini**, E. Monfrini, M. Vizziello, F. Arienti, G. Lazzeri, G. Franco, A. Di Fonzo

October 13th, 2019 | **Oral presentation at the 50th Congress of the Italian Neurological Society (SIN), Bologna, Italy**

Title: "Identification of two novel *MFN2* mutations in CMT2A patients"

Authors: E. Abati, **A. Manini**, R. Del Bo, S. Salani, F. Rizzo, G. Citterio, P. Mandich, M.T. Bassi, N. Bresolin, G.P. Comi, S. Corti

May 23rd, 2020 | **Oral presentation at the 6th Congress of the European Academy of Neurology (EAN)** (virtual)

Title: "The role of *LRP10* mutations in Parkinson's disease and Dementia with Lewy Bodies"

Authors: **A. Manini**, L. Straniero, E. Monfrini, M. Vizziello, G. Franco, S. Duga, A. Di Fonzo

November 29th, 2020 | **Oral presentation at the 51th National Congress of the Italian Society of Neurology (SIN)** (virtual)

Title: "The impact of lockdown during SARS-CoV-2 outbreak on behavioral and psychological symptoms of dementia"

Authors: **A. Manini**, M. Brambilla, L. Maggiore, S. Pomati, L. Pantoni

Poster presentations

November 15th, 2018 | **Selected poster presentation at the Fresco International Workshop on synaptic plasticity and advances in Parkinson's Disease, Florence, Italy**

Title: "The role of *LRP10* mutations in Parkinson's disease and Dementia with Lewy Bodies"

Authors: **A. Manini**, E. Monfrini, M. Vizziello, F. Arienti, G. Lazzeri, G. Franco, A. Di Fonzo

September 23th, 2019 | **Selected poster presentation at the International Congress of Parkinson's Disease and Movement Disorders, Nice, France**

Title: "The role of *LRP10* mutations in Parkinson's disease and Dementia with Lewy Bodies"

Authors: **A. Manini**, E. Monfrini, M. Vizziello, F. Arienti, G. Lazzeri, G. Franco, A. Di Fonzo

September 23th, 2019 | **Selected poster presentation at the International Congress of Parkinson's Disease and Movement Disorders, Nice, France**

Title: "A novel *TGM6* heterozygous mutation in a patient with cerebellar ataxia"

Authors: **A. Manini**, T, Bocci, E. Monfrini, M. Vizziello, G. Franco, A. Di Fonzo, G.P. Comi

September 24th, 2019 | **Selected poster presentation at the International Congress of Parkinson's Disease and Movement Disorders, Nice, France**

Title: "Study of the haplotypic context as a modulator of the expressivity of *GBA* gene mutations in Parkinson disease and Gaucher disease"

Authors: M. Vizziello, E. Monfrini, I. Trezzi, G. Franco, M.D. Cappellini, E. Cassinerio, P. Tocco, F. Carubbi, F. Nascimbeni, E.M. Valente, S. Petrucci, F. Arienti, G. Lazzeri, **A. Manini**, G. Bitetto, A. Di Fonzo

May 25th, 2020 | **Selected poster presentation at the 6th Congress of the European Academy of Neurology (EAN)** (virtual)

Title: "A rare p.R342W *TGM6* (SCA35) mutation in a patient with late-onset cerebellar ataxia"

Authors: **A. Manini**, T, Bocci, E. Monfrini, M. Vizziello, G. Franco, A. Di Fonzo, G.P. Comi

June, 2021 | **Selected ePoster presentation at the 7th Congress of the European Academy of Neurology (EAN)** (virtual)

Title: "Implantable loop recorder to detect Atrial Fibrillation in Cryptogenic Stroke: a real-world experience"

Authors: **A. Manini**, G. Scopelliti, F. Mele, I. Cova, P. Bertora, S. Rosa, M. Schiavone, M. Viecca, G. Forleo, L. Pantoni

Publications on Peer-Reviewed Journals

A. Manini, T. Bocci, A. Migazzi, E. Monfrini, D. Ronchi, G. Franco, A. De Rosa, F. Sartucci, A. Priori, N. Bresolin, G.P. Comi, S. Corti, M. Basso, A. Di Fonzo, "A case report of late-onset cerebellar ataxia associated with a rare p.R342W *TGM6* (SCA35) mutation", *BMC Neurology*, 2020 Nov 7, 20(1):408, doi: 10.1186/s12883-020-01964-1, PMID: 33160304, PMCID: PMC7648302

A. Manini, M. Brambilla, L. Maggiore, S. Pomati, L. Pantoni, "The impact of lockdown during SARS-CoV-2 outbreak on behavioral and psychological symptoms of dementia", *Neurological Sciences*, 2021 Mar, 42(3):825-833, doi: 10.1007/s10072-020-05035-8, PMID: 33442845, PMCID: PMC7806279

A. Manini, L. Pantoni, "CADASIL from bench to bedside: disease models and novel therapeutic approaches", *Molecular Neurobiology*, 2021 Jan 19, doi: 10.1007/s12035-021—02282-4, PMID: 33464533

Membership of Scientific Societes

European Academy of Neurology (EAN)

RRFS member of the EAN Scientific Neurogenetics Panel

Società Italiana di Neurologia (SIN)

Professional skills

Mother tongue(s) | **Italian**

Other languages

English

Comprehension		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	

C1	C2	C1	C1	C2

SLAM (Servizio Linguistico dell'Ateneo di Milano) – CEFR level: C1, awarded in date 18/09/2017

Levels: A1 and A2: Basic user – B1 and B2: Independent user – C1 and C2: Proficient user.
Common European Framework of Reference for Languages – Self-assessment grid.

Reasearch fields of interest

Genetics of movement disorders (i.e., Parkinson's disease, Dementia with Lewy Bodies, Spinocerebellar Ataxias).
Genetics of small vessel diseases (i.e., CADASIL, Fabry Disease).
Genetics of neurodegenerative and neuromuscular diseases (i.e., Amyotrophic lateral sclerosis, Congenital myopathies, Congenital neuropathies, Mitochondriopathies)
Dementia and vascular cognitive impairment: epidemiology, clinical aspects, diagnosis, neuroimaging.
Ischemic and hemorrhagic stroke: diagnosis, treatment of acute phase, primary and secondary prevention, atrial fibrillation, neuroimaging.

Job-related skills

Experience of clinical management of patients affected by neurological diseases (i.e., Parkinson' disease, dementia, multiple sclerosis, epilepsy, headache).
Specific experience of clinical management of patients affected by movement disorders (i.e., Parkinson' disease, Multiple System Atrophy, Progressive Supranuclear Palsy, Dementia with Lewy Bodies, Spinocerebellar Ataxias, dystonia).
Specific experience of clinical management of patients affected by neurodegenerative and neuromuscular diseases (i.e., Amyotrophic lateral sclerosis, Congenital myopathies, Congenital neuropathies, Mitochondriopathies).
Specific experience of clinical management of patients affected by vascular cognitive impairment and small vessel diseases (i.e., CADASIL, Fabry Disease).
Experience of clinical management of the acute phase of ischemic and hemorrhagic stroke (Stroke Unit).
Experience of laboratory activity in the field of molecular genetics (Next Generation Sequencing; Sanger Sequencing; DNA extraction; RT-PCR).

Le dichiarazioni contenute nel curriculum formativo e professionale allegato sono veritiere e sono rese ai sensi del D.P.R. 445/00 e di essere a conoscenza delle sanzioni penali di cui all'art.76 del D.P.R. medesimo in caso di false dichiarazioni.

Firma

firmato Arianna Manini