



Personal information

Name(s) / Surname(s) **Name: Paola Surname: Sarchielli**

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Citizenship Italian

Date of Birth 24/11/58

Sex F

Employment/ Occupation

Associate Professor of Neurology MED 26, Medical Director I level at the Neurological Clinic, University of Perugia

2014 - Qualification as Associate Professor in Neurology

2018 - Qualification as Full Professor in Neurology

Professional experience

Job or position held

11/3/ 1991-1/3/92: She was assigned to the professorship of Child Neuropsychiatry of the Faculty of Medicine and Surgery, University of Perugia, with the qualification of Technical Officer VIII level.

1/9/1988-11/3/91: She held the position of Technical Officer VIII level at the Institute of Nutritional Science of the Faculty of Pharmacy, University of Perugia.

1/3/92-10/2002: She held the position of Technical Officer VIII level at the Neurological Clinic of the Faculty of Medicine and Surgery, University of Perugia.

1/3/92-10/2002: She held the position of Technical Officer VIII level at the Neurological Clinic of the Faculty of Medicine and Surgery, University of Perugia.

11/10 2003 to present: Confirmed researcher Med 26, Medical Director I level at the Neurological Clinic, University of Perugia.

Main activities and responsibilities

- Head of the Headache Center of the Neurological Clinic, University of Perugia.
- Co-Head of the Center for Demyelinating Diseases, Neurological Clinic, University of Perugia University of Perugia.

Name and address of employer University of Perugia

Type of activity or sector **RESEARCH ACTIVITIES**

Main areas of research

1. Pathophysiological aspects of headaches about migraine (neurotransmitter alterations and inflammation and immunological markers).
2. Clinical and classification aspects of headaches (primary headaches and medication overuse headaches).
3. Functional neuroimages in the study of the pathophysiological mechanisms of migraine
4. Headaches and cerebrovascular disease.
5. Comorbidity migraine and epilepsy.
6. Evaluation of the efficacy and mechanisms of action of symptomatic and prophylactic drugs in primary headaches with regard to second-line therapies for migraine (botulinum toxin type A, monoclonal antibodies against calcitonin-gene related peptides CGRP).
7. Clinical, pathophysiological and neuroimaging aspects of multiple sclerosis

She is the author of 179 international publications reviewed on Pubmed database and 15 chapters in English books and 7 chapters in Italian books.

TEACHING ACTIVITY

Degree Course in Pharmacy

- From 1988 to 1990: She carried out training sessions, seminars and collaborated with the teacher of the Nutritional Science Course. She also collaborated in the preparation of degree and specialization theses in the field of Nutritional Science.

Degree Course in Medicine and Surgery

- From 1991 to 2001: She carried out training sessions, seminars and collaborated with the teacher of the Child Neuropsychiatry Course (until 1995) and Neurology Course (from 1995 onwards). In particular, she carried out seminars and training sessions in Neurochemistry and Neurophysiology.

- From 1991 to 2001: She regularly held theoretical-practical sessions for fifth year students of the degree course in Medicine and Surgery, integrated course of "Neurology".

- From 1991 to 2001: She contributed with the designated Professor in assisting students of the Degree Course in Medicine and Surgery of the University of Perugia in the preparation of experimental and clinical degree theses on neuroscience topics and in the role of confirmed researcher she was the supervisor of numerous theses.

- From 2001 to present: She carries out lessons and supplementary teaching in the integrated course of "Neurology" to fifth year students of the Medicine and Surgery course, guiding them in scientific activity and assisting them in the preparation of experimental and clinical degree theses. She is also a full member of the examination commission for the Neurology course.

- From 2001 to present: She collaborates in the preparation and supervision of specialization theses in Neurology.

- 2002-2005: She was course lecturer of the module "Multiple Sclerosis" in the Neurology Course.

- 2003-2005: She was course lecturer of the Module "Neural Plasticity" in the Orthopedics Course.

•Since 2002: She is a tutor for the state Medical Licensing examinations at the University of Perugia.

•From 2004 to 2015: She was professor of Neurology in the Exercise and Sports Science Course, University of Perugia.

•From 2003 to 2007: She carried out supplementary teaching activities for Neurology in the Dentistry Course of the Faculty of Medicine and Surgery.

University Diplomas, Bachelor's and Master's Degrees

•From 2003 to 2006: Professor of Neurology in the Podiatry Course, University of Perugia.

•From 2006 to 2011: Professor of Neurology in the Nursing Course, University of Perugia, Città di Castello Campus.

•From 2005 to present: Professor of Neurology in the Nursing Course, University of Perugia, Perugia Campus.

From 2021 to present: : Professor of Neurology in the Logopedy Course, University of Perugia, Perugia Campus.

•From 2015 to present: Course lecturer of Motor Rehabilitation in Neurosensory Disabilities, Master's Degree in Exercise and Sports Science, University of Perugia.

Graduate Schools

•From 2002 to present: She carries out teaching activities as a lecturer in Neurology at the School of Specialization at the University of Perugia. (Teachings: Emergency Neurology, Neuroimmunology, Neurology I; Semiotic until 2019; Teachings: Semiotic and Biochemistry from 2019 to present). She regularly serves as general secretary at the School Council meetings.

•From 2002 to present: She teaches Neurology within the Postgraduate Specialization course of Physical and Rehabilitation Medicine, University of Perugia.

•From 2015 to present: She teaches Neurology in the Postgraduate Specialization course of Otolaryngology, University of Perugia.

•From 2016 to present: She teaches Neurology in the Postgraduate Specialization course of Rheumatology, University of Perugia.

Doctorates

•PhD in Cerebrovascular Pathophysiology, Neurodegenerative and Recovery Processes (1998-2002)

The Doctorate was based in Perugia and was composed of a consortium of Universities: The University La Sapienza of Rome, the University of Milan and the University of Camerino. From the Doctorate's (1998) creation, to which she had actively contributed, she was part of the Academic Board, a member of both the Examination Board for the achievement of the title and of the Admission Commission and was a tutor to the doctoral students of the Perugia office.

•PhD in Neuroscience (2002-2014)

She was part of the Academic Board, supervised numerous theses, was a member of the Examination Board for the achievement of the title and of the Admission Commission, and was a tutor for numerous doctoral students.

•PhD in Clinical and Molecular Medicine (2015 to present)

She is part of the Academic Board, has been the supervisor of numerous theses, has been a member of the Examination Board for the achievement of the title and of the Admission Commission, and has been a tutor for the doctoral students.

MEDICAL ACTIVITIES

•1/3/92 - 30/10/94: She was hired as a level VIII qualified technician of the Neurologic Institute of the University of Perugia, functionally equated to the position of Coadjutor X level at the Hospital of Perugia, with the objective of organizing the Neurochemical and Neurophysiology Service of the Neurologic Clinic at the University of Perugia.

- 1/11/94: Functional and economic equalization to Level I Health Manager (former Hospital Level X-Coadjutor) and Level I Medical Director (former Full-Time Medical Assistant 9th Level).
- 1994 – September 2002: Functional and economic equalization to Level I Health Manager (former Hospital Level X Coadjutor) and Level I Medical Director (former Full-time Medical Assistant 9th level) at the Neurological Clinic of the University of Perugia.
- From September 2002: She works as a Confirmed Researcher and Medical Director I Level at the Department of Neurology, Neurological Clinic of the University of Perugia.
- From March 1992: She is head of the Center for Demyelinating Diseases (outpatients or in a Day Service or Day Hospital regime) at the Neurological Clinic of the University of Perugia.
- From 2004 to 31 December 2007: She was the Head of the Headache Center (outpatients or hospitalized in Day Service or Day Hospital) at the Neurological Clinic of the University of Perugia.
- From 1 January 2008 to December 2015: She was Head of the Headache Center Unit of the Perugia Hospital.

Education and training

Title of qualification awarded
Main themes/professional skills acquired

Medical Doctor
Degree in Medicine
University of Bologna
October 1983

Name and type of organization providing education and training

Specialization in Clinical Immunology and Allergology
University of Milan
Graduation: October 1986

Specialization in Nutritional Science
University of Rome
Graduation: October 1988 with honors

Specialization in Neurology
University of Perugia
Graduation: October 2000 with honors

Personal skills and competences

Mother tongue(s)

Italian

Other language(s)

English

Self-evaluation

European Level

Tongue

Organizational skills and competences

Understanding		Speaking		Writing
Listening	Reading	Oral Interaction	Oral production	
Inglese	Good	Very good	good	good
				very good

ORGANIZATION OF CONFERENCES

- She has been a member of the Scientific Committee of 35 Congresses of which 3 International

PARTICIPATION IN EDITORIAL AND EDITORIAL COMMITTEES

- She was Editorial Assistant of the international journal "*The Journal of Headache and Pain*", the official journal of the Italian Society for the Study of Headaches (SISC) until 2003.
- She was Deputy Editor in 2004 of the international journal "*The Journal of Headache and Pain*".
- In 2005 she was Associate Editor of the international journal "*The Journal of Headache and Pain*", currently the official journal of the European Headache Federation.

Technical skills and competences

Laboratory methods in the biochemical and immunological field

Computer skills and competences

Knowledge of applied statistics in the medical field: SAS (basic and advanced) and Statistics

Further information

MEMBER OF SCIENTIFIC SOCIETIES

- Italian Society of Neurology
- Italian Society of Pain Clinicians
- Italian Society for the Study of Headaches
- Italian Society of Neuropsychopharmacology
- Italian Association of Neurophysiology
- International Headache Society
- European Neurological Society
- American Association for the Advancement of Science

POSITIONS HELD IN SCIENTIFIC SOCIETIES

- 1999-2002: She was General Secretary of the Italian Society for the Study of Headaches for 2 terms.
- From 2002 to 2006: She was Treasurer of the Italian Society for the Study of Headaches for 2 terms.
- 1999-2000 and 2005-2006: She was part of the Board of Directors of the Provincial Section of Perugia of the Multiple Sclerosis Association (AISM).
- 1997-2006: She held the position of President of the Association for the Prevention, Therapy and Rehabilitation of Neuropsychiatric Diseases (AS.NE), Perugia office.
- 2002-2003: She was delegate of the Italian Society for the Study of Headaches at the European Headache Federation.
- 2003 – 2005: She was Italian delegate at the International Headache Society.
- From 2012 to present: She is delegate of the Italian Society of Neurology at the European Headache Federation.
- From February 2012 to February 2018: She was delegate of the Headache Panel of the European Federation of Neurological Societies (EFNS).
- From February 2017 to present: She is Representative of the Italian Society for the Study of Headaches at the International Headache Society.
- From 2018 to present: Scientific Director of the Interdisciplinary School of Advanced Education in Headache of the Italian Society for the Study of Headaches (SISC).

PARTICIPATION IN NATIONAL AND INTERNATIONAL CONFERENCES

She has participated in 250 Conferences as a speaker.

PARTICIPATION IN CLINICAL TRIALS

She participated in 65 clinical trials as Head of Research Units.

TEACHING ACTIVITIES IN RESIDENTIAL COURSES AND SCIENTIFIC SCHOOLS

- She has participated as a lecturer in 18 residential courses.
- From 1999 until 2002 she was part of the teaching staff of the Association for a Headache School (ASC).
- She participated as a lecturer in the Board of Qualification in Headache Disorders for adults (Perugia, Padua, Catania, Catanzaro) and for the developmental age (Perugia) for the years 1999, 2000 and 2001, 2002, 2003.
- She is a lecturer at the Interdisciplinary School of Advanced Education in Headache of the Italian Society for the Study of Headaches (SISC) from 2005 to present.
- She carries out cultural and scientific evaluation of training events and / or CME corporate training projects for the Ministry of Health since 2003.

REFEREE'S ACTIVITY

She is referee for the following international journals:

- Cephalalgia
- Headache
- Journal Neurology Neurosurgery and Psychiatry
- Journal of Neurology

- Bio drugs
- Brain
- Thrombosis and Haemostasis
- Neurology
- Brain
- Trends in Pharmacological Sciences
- Journal of American Physicians and Surgeons.
- Journal of Headache and Pain
- CNS Drugs
- Biologics Target Therapy
- BMC Journals
- European Journal of Clinical Practice
- Excerpta Medica: Univadis Literature Service
- Headache, Informa Healthcare: Expert Opinion on Therapeutic Targets
- Journal of Neurophysiology
- Journal of Pharmacy, Pharmacology
- Journal of Psychiatric Research
- Neuropsychiatric Disease
- NMRC: National Medical Research Council, Agència d'Avaluació de Tecnologia i Recerca Mèdiques: Catalan Agency for Health Technology Assessment & Research.

AWARDS

SISC/MSD Research Award dedicated to the theme "*Acute migraine treatment with Rizatriptan*" with the following scientific work "*Rizatriptan: a new promising 5-HT_{1B/1D} agonist for the acute treatment of migraine*" (1999-2000).

International Greppi Award, Senior 2002 for the research paper "*Brain-derived neurotrophic factor in chronic daily headache: relationship with nerve growth factor and glutamate levels*".

PARTICIPATION IN COMMITTEES AND STUDY GROUPS

- She participated in the drafting of the guidelines for Multiple Sclerosis promoted in 1998 by the Tuscan-Umbrian section of the Italian Society of Neurology.
- She participated in the drafting of the diagnostic and therapeutic guidelines of tension headache promoted in 1999 by the Italian Society for the Study of Headaches.
- She was a member of the Ad Hoc Committee for finalizing the Diagnostic and Therapeutic Guidelines for Migraine and Cluster Headache of the Italian Society for the Study of Headaches. She participated in writing the document published in 2001.
- She was coordinator of the Subcommittees for the revision of the Primary Headache Guidelines of the Italian Society for the Study of Headaches (Revision of the SISC Guidelines 2011).
- She was a Member from 2002 to 2018 of the Inter university Center for Pain Neurophysiology (CIND) of which Professor Massimo Leandri (Genoa) is Coordinator.
- She is a Member of the Committee for the drafting of the Guidelines for Care Pathways and Rehabilitation (PDTA) for MS patients of the Umbria Region.
- She is coordinator and member of the Drafting Committee of the PDTA for headaches sponsored by the Umbria Region.
- She is a member of the ad hoc Committee for the definition of the Core curriculum for the Interdisciplinary School of Advanced Education in Headache of the Italian Society for the Study of Headaches) for the purpose of obtaining the title of Headache Specialist (Adult and Developmental Age Headaches).
- She is a member of the SISC Committee for the revision of the diagnostic and therapeutic guidelines of primary headaches (in collaboration with the Italian Society of Neurology).

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Perugia , 03/01/24

Signature

Paola Locchielli