



Personal information

Name / Surname Maria Adele Giamberardino
 E-mail mag@unich.it
 Citizenship Italian - CF: GMBMDL59B44L103G
 Year of birth 1959
 Gender female

Current Position Full Professor of Internal Medicine

(clinical work in agreement with the National Health Service -NHS #)

Director, Geriatrics Clinic, Chieti
 Specialization School in Sports Medicine and Physical Exercise
 Headache, Fibromyalgia and Musculoskeletal Pain Center
 Pathophysiology of Pain Unit - CAST
 Department of Medicine and Science of Aging, "G. D'Annunzio" University of Chieti*

Professional Experience

Date 1985
 Visiting researcher, London (UK), University College Hospital, Dept. of Human Physiology; clinical research on "Muscle pain from eccentric effort"

Date 1987/88/89/91
 Visiting researcher, Jouy-en-Josas (Paris, France), Institut de Neurobiologie Appliquée, INRA; basic research for the preparation of an experimental animal model of visceral pain (artificial ureteral calculosis)

Date 1988-1999
 Technical collaborator / Technical officer (NHS agreement, since 1997)#
 Department of Internal Medicine *

Date 1990-1994
 Research Coordinator, Pathophysiology of Pain Laboratory, Ce.S.I.

Date 1993
 Visiting researcher, Department of Psychology, Program in Neuroscience, Tallahassee, Florida, USA: Research studies on "Pelvic pain"

Date 1994
 Visiting Researcher, Aarhus University (Aarhus, Denmark) Department of Neurology: Research studies on "Muscle pain and hyperalgesia"

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| Date | 1994-1995 Visiting researcher, Villejuif (France), Laboratoire de Neurophysiologie Neuropharmacologique, Hopital Paul Guiraud; study of electrophysiological/anatomical techniques in experimental models of visceral pathology |
| Date | 1994-present Director, Pathophysiology of Pain Unit, Ce.S.I.-MeT-CAST |
| Date | 1997-present Medical executive (NHS agreement, since 1997). Clinical activity in Internal Medicine Units ("Semeiotica Medica" Unit of the SS Hospital – Chieti (Director, Prof. L. Vecchiet till 2005, Prof. A. Mezzetti till 2013), and Geriatrics Clinic of the Ortona/Chieti Hospitals since 2012 (Director, Prof. F. Cipollone till 07.31.2017)*) |
| Date | 1999 Associate Professor of Internal Medicine*, (NHS agreement #) |
| Date | 2000-present Director, Fibromyalgia and Musculoskeletal Pain Center* |
| Date | 09-2005-present Director, Headache Center* |
| Date | 04.06.2017 – 04.06.2026 National Scientific Qualification as a Full Professor of Internal Medicine (MED/09; 06/B1) |
| Date | 08.01.2017-present Director, Geriatrics Clinic (Ortona / Chieti) |
| Date | 04.01.2020-present Full Professor of Internal Medicine – MED/09 * |
| Date | 05.26.2020 (till academic year 2020-2021) Director, Specialization School in Sports Medicine and Physical Exercise* |

Education

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| Date | 1977 Scientific Lyceum Diploma – Chieti (60/60) |
| Date | 1984 Medical Degree * (110/110 and honors) |
| Date | 1984 Habilitation to Medical Profession, Chieti (05.17.1984) |
| Date | 1987 Specialization in Sports Medicine and Physical Exercise* (70/70 and honors) |

Personal competence and skills

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| <i>Mother tongue</i> | Italian |
| <i>Foreign Languages</i> | English and French (excellent) |

Organizational skills

Among the organizers of n. 10 international Congresses on Pain

Informatic skills

Excellent (main operative systems)

Further information

International and national prizes and funding

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| <u>1988-present</u> | University research funding (annual) |
| <u>1988</u> | Prize by the Italian Association for the Study of Pain (AISD) for the research presented at the World Congress of the International Association for the Study of Pain (IASP), Hamburg 1987 |
| <u>1990</u> | Prize by AISD for an experimental study on visceral pain |
| <u>1990-1995</u> | Nazionale CNR project for research on Fibromyalgia |
| <u>1997-99</u> | NATO grant – Research project in collaboration with the Neurology Department of the Johns Hopkins Hospital, Baltimore, USA (Mechanisms of viscerovisceral interactions) |
| <u>2004</u> | International Research Prize "Musculoskeletal Pain" - Munich, MYOPAIN 04 |
| <u>2005-2006</u> | PRIN project 2004 "Animal model of artificial ureteral calculosis: surgical induction and behavioural characterization" |
| <u>2010-2011</u> | Research grant by the Canadian Institute of Health Research (collaborative project with the Calgary University on "Pain following gynecological laparoscopy") |
| <u>2010-2012</u> | PRIN project 2008 "Visceral pain, aging process and gonadal hormones: behavioural and pathophysiological study in an animal model of artificial ureteral calculosis" |

International research collaborations

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|---------------------|---|
| <u>1991-2013</u> | Florida State University (Tallahassee, USA) |
| <u>1994-2001</u> | Universidad de Alcalá de Henares (Spain) |
| <u>1994-2008</u> | Johns Hopkins Hospital (Baltimore, USA) |
| <u>1994-2020</u> | Aalborg University (Denmark) |
| <u>2002-2006</u> | Göteborg University (Sweden) |
| <u>2004-2019</u> | Prague University (Czech Republic) |
| <u>2007-2019</u> | University of Calgary (Canada) |
| <u>2010-present</u> | University of Alabama at Birmingham (USA) |

Teaching activity

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| <u>1984-present</u> | Practical training in Medical Semiotics for students in Internal Medicine; assistance to students in the preparation of the MD thesis in Internal Medicine* |
| <u>1985-1989</u> | Expert in Medical Semiotics; MD course* |
| <u>1989-1990</u> | Course on SYSTÈME NERVEUX VÉGÉTATIF, DOULEURS VISCÉRALES (in French), "Université Paris VII", Paris, FR |
| <u>1990-1991</u> | Teaching of "Anatomy of the cardio-respiratory and vegetative systems" Specialization School (SS) in Sports Medicine* |
| <u>1991-1992</u> | Teaching of "Sports-therapy" SS in Sports Medicine* |
| <u>1991-1999</u> | (a) Teaching of "Pathophysiology of Muscle Pain", SS in Sports Medicine* (b) Course on "Pathophysiology of Pain" in the framework of the teaching in Internal Medicine, Medical Faculty* |
| <u>1992-1994</u> | Teaching of "Sports as a prevention and therapy" SS in Sports Medicine* |
| <u>1994</u> | Teaching course on "Pathophysiology of Visceral Pain" (in English), Atlanta, USA |
| <u>1994-1995</u> | Integrative teaching of "Fibromyalgic syndrome" in the framework of the teaching on "Neurotraumatology"; University Diploma Course on Rehabilitation Therapy, Medical Faculty* |
| <u>1994-1996</u> | Teaching of "Medical pathology from sports" SS in Sports Medicine* |
| <u>1994-1999</u> | Teaching of "Fibromyalgia Syndrome"-SS in Physical Medicine and Rehabilitation* |

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| <u>1995-1996</u> | Integrative teaching of "Fibromyalgia Syndrome" in the framework of the teaching of Internal Medicine, University Diploma Course on <i>Rehabilitation Therapy, Medical Faculty*</i> |
| <u>1999-2012</u> | (a) Teaching of "Internal Medicine" in the framework of the Integrated Course of Internal and Geriatrics Medicine, 5th year of the MD course* (b) Teaching of "Internal Medicine", 3rd year SS <i>Sports Medicine*</i> (c) Teaching of "Medical Pathophysiology", 1st year SS <i>Physical Medicine and Rehabilitation*</i> |
| <u>2000-2008</u> | Teaching of "Pathophysiology of Pain, 2 nd year Research Doctorate in <i>"Muscle Pathophysiology"</i> * |
| <u>2000-2010</u> | Member, teaching board of the Research Doctorate in <i>"Muscle Pathophysiology"</i> **/ <i>"Biochemistry, Physiology and Pathophysiology of the Muscle"</i> * |
| <u>2005-2016</u> | Teaching of "Clinical and pathophysiological aspects of pain", 5th year SS <i>Internal Medicine*</i> |
| <u>2008-present</u> | Teaching of "Semiotics and clinical methodology" in the framework of the integrated course of "Medical Scientific Methodology/ III Clinical Methodology", 3rd year MD course* |
| <u>2009-2012</u> | Internal Medicine; Functional Semiotics, 2nd year, Physiotherapy course* |
| <u>2009-2016</u> | Member, Board of directors of the Doctorate in "Clinical and Experimental Medical-Surgical Science"*** |
| <u>2010-2016</u> | Teaching of "Acute and preventative treatment of headache" (in English) International <i>Master in Headache Medicine</i> , "La Sapienza" University of Rome |
| <u>2010-present</u> | (a) Coordinator, integrated course in "Medical Scientific Methodology/ III Clinical Methodology", 3rd year MD course* (b) Director, "Internal Medicine Training" in the framework of the integrated course in "Medical Scientific Methodology/ III Clinical Methodology", coordinator of this same training in the Internal Medicine Units, 3 rd year MD course* |
| <u>2011-2013</u> | Teaching of "Internal medicine", 5 th year <i>Internal Medicine Specialization School*</i> |
| <u>2011-2016</u> | (a) Teaching "Internal Medicine" in the integrated course of "Geriatrics", 2 nd year, Specialization School in Geriatrics* (b) Teaching of "Internal Medicine", 3rd year SS in <i>Anesthesia and Resuscitation*</i> |
| <u>2012-2013</u> | (a) Internal Medicine Training, 1st year SS in <i>Geriatrics*</i> (b) Teaching of "Internal Medicine", 3rd year SS in <i>Anesthesia, Resuscitation and Intensive Therapy*</i> |
| <u>2012-2014</u> | Teaching of "Musculoskeletal Pain", <i>Montescano School, European Pain School of EFIC</i> (European Federation of IASP Chapters) |
| <u>2013-2014</u> | Teaching of "Internal medicine", 3rd year, SS in <i>Geriatrics*</i> |
| <u>2014-2015</u> | (a) Teaching of "Internal Medicine", 2nd year SS in <i>Internal Medicine*</i> (b) Teaching of "Fibromyalgia: clinical and pathophysiological aspects" in the framework of the course: "Diseases of the locomotor system", <i>II Level Master in High Qualification in Pain Therapy for medical specialists, Chieti University*</i> |
| <u>2015-2016</u> | Teaching of "Internal Medicine", 2 nd and 3 rd year, SS in <i>Geriatrics*</i> |
| <u>2016</u> | Teaching of "Animal models of visceral pain" and "Women in pain: migraine, fibromyalgia and their comorbidity" (in English) <i>European Pain School of IASP Pontignano (Siena)</i> |
| <u>2016-2017</u> | a) Teaching of "Internal Medicine", 2 nd year SS <i>Internal Medicine*</i> (b) Teaching of "Internal Medicine", 1 st year SS in <i>Emergency Medicine*</i> |

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| <u>2016-2020</u> | Teaching of "Internal Medicine 1" and "Internal Medicine 2", 2 nd year <i>SS in Sports Medicine and Physical Exercise*</i> |
| <u>2016-2019</u> | Teaching of "Pain in the elderly", 2 nd /3 rd year, <i>SS in Geriatrics*</i> |
| <u>2017-2018</u> | (a)Teaching of "Internal Medicine", 1st year, <i>SS in Clinical allergology and Immunology*</i> (b)Teaching of "Internal Medicine", 2 nd year, <i>SS of Emergency Medicine*</i> |
| <u>2017-2019</u> | Teaching of "Pain in the geriatric population ", 3 rd year, <i>SS in Geriatrics*</i> |
| <u>2017-present</u> | Teaching of "Geriatrics 1" , 1 st year, <i>SS in Geriatrics*</i> |
| <u>2018-2019</u> | (a)Teaching of "Internal Medicine", 2 nd year , <i>SS in Anatomopathology*</i> (b)Teaching of "Internal medicine", 1 st and 2 nd year, <i>SS in Clinical allergology and Immunology*</i> (c)Teaching of "Internal Medicine", 1 st and 2 nd year, <i>SS in Emergency Medicine*</i> (d)Teaching of "Internal Medicine", 4th year, <i>SS in Internal Medicine*</i> |
| <u>2018/present</u> | (a) Teaching of "Emergency Medicine", 3 rd year, Dental Hygiene Course* (b) Teaching of "Geriatrics 2", 2 nd year, <i>SS in Geriatrics*</i> (c)Teaching of "Internal Medicine", 4 th year, <i>SS in Internal Medicine*</i> (d)Teaching of "Internal Medicine", 1st, 2 nd and 3 rd year, <i>SS in Clinical Allergology and Immunology*</i> (e)Teaching of "Internal medicine", 1 st , 2 nd and 3 rd year, <i>SS in Emergency Medicine*</i> |
| <u>2019/present</u> | "Geriatrics 3", 3 rd year, <i>SS in Geriatrics*</i> |
| <u>2020-present</u> | (a) Teaching of "Relational skills", 1 st year, <i>SS in Sports Medicine and Physical Exercise*</i> (b) Teaching of Geriatrics, 2 nd year, <i>Course in Speech Therapy *</i> (c) Teaching of "Internal Medicine", 2nd year, <i>Dental Hygiene Course*</i> |

Scientific and research activity

Clinical: pathophysiology, diagnosis and treatment of visceral pain, musculoskeletal pain (myofascial pain syndromes, fibromyalgia, chronic fatigue syndrome) and cranio-facial pain; instrumental sensory evaluation in areas of referred pain from viscera and deep somatic structures and in painful and nonpainful areas in headache patients; biochemical/morphostructural studies (muscle biopsies) in primary and secondary muscle pain conditions

Experimental: behavioural, electrophysiological (single cell recording in the spinal cord), pharmacological and anatomical studies in experimental models of visceral pain and referred hyperalgesia and of viscerovisceral hyperalgesia (artificial ureteral calculosis, experimental endometriosis, experimental uterine inflammation, endometriosis + ureteral calculosis)

Esperience in clinical and experimental trials

Principal Investigator in n. 22 trials on: visceral pain, arterial hypertension, diabetes, fibromyalgia, chronic fatigue syndrome, myofascial pain syndromes, headache

Scientific Societies and Committees

1990 Foundig member of the Scientific Society "EuroPain", Brussels, Belgium
From 1990 to 1999 Member, Board of Directors,
and from 1992 to 1999 Vicepresident of EuroPain

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| <u>1991-1999</u> | European Coordinator, Working Party on Visceral Pain (EuroPain) |
| <u>1993-1999</u> | Member, Scientific Research Committee of IASP |
| <u>1996-1999</u> | Member, Board of Directors, IASP |
| <u>1997-2000</u> | Member, Scientific Committee 3 rd Congress European Federation of IASP chapters (EFIC), Nice |
| <u>1999 e 2002</u> | Member, Commissions for international PhD theses (Aalborg Univ, Denmark, 1999 and Sydney University, Australia, 2002) |
| <u>1999-2002</u> | Member, Scientific Committee and President Organizing Subcommittee. Refresher Courses-10 th World Congress on Pain, IASP, San Diego, USA, 2002 |
| <u>2001</u> | Member, Scientific Committee 5 th MYOPAIN Congress, Portland, USA |
| <u>2002-2008</u> | Member, Finance Committee of IASP |
| <u>2003</u> | Member, Assessment Committee for a University position of Full Professor in Visceral Pain Research, Aalborg University, Denmark |
| <u>2003-2006</u> | Member, Scientific Committee 5 th EFIC Congress, Istanbul, Turkey |
| <u>2003-2006</u> | Member, Board of Directors, AISD |
| <u>2005-2014</u> | in ballot for IASP presidency |
| <u>2007-2008</u> | Chair, "EFIC campaign against Pain in Women" |
| <u>2007-2008</u> | Member, task force "IASP campaign against Pain in Women" |
| <u>2008-2009</u> | Chair, "EFIC campaign against Fibromyalgia" |
| <u>2008-2011</u> | Chair, Publication Committee of EFIC |
| <u>2009/2011</u> | President, Italian Association for the Study of Pain |
| <u>2009-2012</u> | Member, Nominations Committee, IASP |
| <u>2009-2020</u> | Member, Headache Study Group within SIMI (Italian Society of Internal Medicine) |
| <u>2009--pres</u> | Member, Ethic Committee, "G. D'Annunzio" University, Chieti |
| <u>2010-2011</u> | Member, Scientific Committee, 7 th EFIC Congress 2011, Hamburg, Germany |
| <u>2010-2012</u> | Member Taxonomy Committee, IASP |
| <u>2011-2012</u> | Member, PAIN Editor-in-Chief Search Committee, IASP |
| <u>2011-2012</u> | Member, Local Arrangement Committee 14 th World Congress on Pain of IASP, Milan. 27-31 August, 2012 |
| <u>2012-2013</u> | Member, Scientific Program Committee 1 st World Congress on Abdominal and Pelvic pain – Amsterdam, Holland, June 2013 |
| <u>2012-presente</u> | Member, IASP Task Force on Pain Classification for ICD-11 |
| <u>2014-2017</u> | Member, Advisory Board for the National Congress of the Italian Association of Internal medicine (SIMI) |
| <u>2015-2016</u> | Secretary, Italian Society for the Study of Headache (SISC) |
| <u>2019 (september)</u> | Member, International Commission for the mid-term evaluation of the research center "Center for Neuroplasticity and Pain (CNAP), Aalborg University, Denmark |
| <u>2020 (gen)-pres</u> | Member, Work Group on Fibromyalgia, Abruzzo Region |
| <u>2020 (set)-pres</u> | SIMI delegate in the Italian Group for National Guidelines on the appropriate use of Opiates in chronic non-cancer pain in adults |
| <u>2021(19 feb)-pres</u> | Member, Presidential Task Force of IASP for the development of the editorial strategy of the IASP Journals: Pain and Pain Reports |
| <u>Member of:</u> | SIMI, SISC, IASP |

Scientific Journals/Books/Newsletters

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| <u>1990-2008</u> | Member, Editorial Board of the Journal Algologia, Scientific correspondent of the Journal Pathos (national publications) |
| <u>1991-1998</u> | Editor, EuroPain Newsletter (edited in Brussels) |
| <u>1993</u> | Editor, volume "New Trends in Referred Pain and Hyperalgesia", Pain Res Clin Man, Vol.7, Elsevier, Amsterdam |
| <u>1995-1998</u> | Expert analyst on "Visceral Pain"- "The Clinical Pain Journal Club Journal" (Lippincott, Phila.) |
| <u>1997-1999</u> | Section Editor -"Regional Pain Syndromes" of the journal Current Review of Pain (Current Science Inc, Phila.) |
| <u>1997-2005</u> | Topical Editor- "Visceral Pain" of the EUROPEAN JOURNAL OF PAIN (WB Saunders, London) |
| <u>1999</u> | Editor, volume "Muscle Pain, Myofascial Pain and Fibromyalgia Recent Advances", Haworth Medical Press |

2000-2008 Associate Editor (Clinical Sciences) of the journal PAIN (Elsevier, Amsterdam)

2002 Editor, volume "Pain 2002- An updated review" Refresher Course Syllabus, IASP Press, Seattle

2002-present Member, Advisory Board of the Clinical Newsletter of IASP "Pain: Clinical Updates"

2005-2015 Field Editor (Neurobiology of Pain) of THE EUROPEAN JOURNAL OF PAIN (Elsevier, Amsterdam)

2009 Editor, volume "Visceral Pain: clinical, pathophysiological and therapeutic aspects" Oxford University Press

2010-2015 Editor-in-Chief, IASP Press

2012 Editor, volume "Pain Comorbidities: Understanding and Treating the Complex Patient", IASP Press

2015 Guest Editor, SpringerPlus Collection, section on Pain

2015-present Associate Editor, Journal of Headache and Pain

2016 Editor, volume "Comorbidities in headache disorders", Springer

2016-present Member, Advisory Board of IASP Press

2018-2021(sept) Associate Editor, Pain Reports, Section PAIN: Clinical Updates (PCU)

Congresses and Guest lectures

Since 1985, participation and personal contribution to most National and International Congresses on pain. In particular, plenary speaker (Visceral Hyperalgesia; Visceral Pain Mechanisms; Pain Comorbidities) at the 9th World Congress on Pain (Vienna, August 1999), World Congress "International Myopain Society" (Portland, September 2001; Toledo, October 2010) and 9th EFIC Congress (Florence, October 2013). Guest lecturer on: Visceral pain, Referred Pain, Myofascial Pain, Headache, in numerous Italian and foreign Universities (France, Spain, Svizzera, Belgium, Denmark, Sweden, Finland, Germany, United Kingdom, Check Republic, United States, Turkey, India, Israel, Japan, China, Australia, Canada)

SCIENTIFIC PUBLICATIONS

- n. 188 Publications indexed in Scopus and/or WoS
- n. 17 Chapters in National and International books with ISBN
- n. 106 Publications in non-indexed Journals or books without ISBN
- n. 146 Abstracts

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Chieti – January 10, 2022

Maria Adele Giamberardino

