CURRICULUM VITAE

PERSONAL INFORMATION

Name	Paolo Ragonese

POSITION, WORK EXPERIENCE

Date	**Dal 31 Dicembre 2017, ad oggi**
Institution	Università degli Studi di Palermo
University Department	Dipartimento di Biomedicina, Neuroscienze e Diagnostica avanzata;
Tipo di lavoro, Place, Istitution	Professore Associato di Neurologia Department of Biomedicine, Neurosciences and advanced Diagnostics, University of Palermo, Italy

Clinical Neurologist at the Neurology Unit,
Department of Emergency; Palermo University Hospital (Azienda Ospedaliera Universitaria Policlinico "Paolo Giaccone"), Palermo; Italy

CIR "Migrare" (Interdepartmental Research Center for Migration studies) University of Palermo;

Centro Interdipartimentale di Ricerca per la valorizzazione del corpo donato alla scienza (Interdepartmental Research Center for body donation to Science)

Years	**2006 to 2017**
Place, Istitution	Department of Experimental Biomedicine and Clinical Neurosciences; University of Palermo, Italy

Aggregate Professor of Neurology (Ricercatore Universitario),

and Clinical Neurologist at the Neurology and Neurophyisiopathology Unit, Department of Emergency; Palermo University Hospital (Azienda Ospedaliera Universitaria Policlinico "Paolo Giaccone"), Palermo; Italy

Years **2004-2006**
Place, Istitution Azienda Ospedaliera Universitaria Policlinico "Paolo Giaccone", Palermo

Department of Clinical Neurosciences, University of Palermo

Clinical Neurologist at the and at the Unit for research and treatment of Multiple sclerosis and demyelinating disease, University of Palermo

Years **2002-2005**

Place, Istitution University of Palermo

PhD degree in Neurosciences

Years **1999-2002**

Place, Istitution University of Palermo

Research fellow

Years **1996-1997**

Place, Istitution AIAS Salemi (TP), Italy; (Associazione Italiana Assistenza Spastici). Rehabilitation center

Type of work Consultant Neurologist and Head of the local Neurological rehabilitation center

STUDIES, QUALIFICATION AND TEACHING

Date **2024 November**

Institution Italian Ministry of University; **Abilitazione Scientifica Nazionale** (ASN) a **Professore ordinario** settore Neurologia MEDS 12-A (ex 06/D6)

Year **2022-2023**

Place Milan, **Bocconi University**; SDA Bocconi School of Management

Qualification EPMBHA: Executive Program in Management of Brain Health (graduation March 2024)

Year	*2012-2014*
Place	Italian Ministry of University and Research (MIUR)
Qualification	ASN (Abilitazione Scientifica Nazionale): qualification as Associate Professor of Neurology
Year	**2006**
Institution	University of Palermo
Qualification	Neurology
	Aggregate Professor of Neurology (Ricercatore Universitario)
Years	**2023 to present:** Master degree in palliative care; University of Palermo

2019 to present
Teaching:
- University of Palermo: Neurology at the University degree in Medicine, University of Palermo;

- Study of coma: clinical and instrumental. University of Palermo: University degree in Neuropysiopathology

- Neuroscience and Neurology in Speech and Language therapy University degree, University of Palermo;

- Myelin Diseases, Neuro oncology and Neuroendocrinology at the Board in Neurology School (Scuola di Specializzazione in Neurologia)

2006 to 2019

Place, Institution   University of Palermo

Faculty member:
- School of Medicine (Neurology), University of Palermo;
- Neuroscience and Neurology in Speech and Language therapy University degree, University of Palermo;
- Myelin Diseases and Neuroendocrinology at the Board in Neurology School (Scuola di Specializzazione in Neurologia)
- Neurology at the Board in Pediatry (Scuola di Specializzazione in Pediatria), University of Palermo, Italy.

	Years	**2002-2005**
Institution		University of Palermo
Course		Neuroscience
Qualification		PhD in Neurosciences
Year		**2000-2002**
Institution		University of Palermo
Qualification		Fellowship in Neuroscience
Years		**1992-1996**

Institution		University of Palermo
Degree		Board in Neurology (Specializzazione in Neurologia) (summa cum laude)
Institution		University of Palermo
Year		**1986-1992** University Degree in Medicine (summa cum laude)
Institution		University of Palermo, Italy
Languages		*Italian (native speaking)*
		English-B2: Writing competences moderately fluent Speaking fluent Reading fluent

Paolo Ragonese

ORAGNIZATION OF MEETING, COURSES AND OTHER ACTIVITIES	Coordination or participation as faculty, speaker, or chairmen of several scientific events; neurological meetings, congresses, courses and Neuroepidemiologic events (meetings, congresses, courses) both of national or international level. **2025:** designato referente presso il **Centro Studi della Società Italiana di Neurologia (SIN)** per la "rete dei centri collaborativi ed epidemiologia". **2024:** representative delegate by the Italian Neurological Society (SIN) at the European Academy of Neurology for the Neuroepidemiology panel. **2021 to present**: Management group member of the Neuroepidemiology panel of the European Academy of Neurology. **Member of the steering committee** of the RIREMS study group (Rising Italian Researchers in Multiple Sclerosis) for the **development of informed consents forms for the treatment of multiple sclerosis**, endorsed by the Italian Neurological Society. **Member of the external reviewers panel** for the validation of the Italian Neurological Society guidelines for the diagnosis and management of Multiple Sclerosis. **2017, 2019, 2022:** co-director of the courses "Neuropepidemiology Principles and Applications" at the International Center for Scientific Culture "E. Maiorana", Erice (TP), Italy. **2015-2018**: panel member of the Neuroepidemiology panel of the Neuroepidemiology reasearch group of the Italian Neurological Society. Individual member of the EAN, SIN (Italian Neurological Society), AINI (Associazione Italiana di Neuroimmunologia), NEP (associazione Italiana di Neuroepidemiologia). **2006, 2008, 2011, 2014, 2017:** "faculty member" of the courses "Neuropepidemiology: Principles and Applications" at the International Center for Scientific Culture "E. Maiorana", Erice (TP) Italy **2023:** Scientific coordinator of the annual congress of the AIN (Associazione Italiana di Neuroimmunologia) **2019-2020: PI** of the Italian multicenter research project MigIt Migration and multiple Sclerosis. **2016:** Scientific coordinator of the meeting: "Approccio multidisciplinare al paziente affetto da Sclerosi Multipla: aspetti pratici. (Taormina, Italy; 1 Aprile 2016).

2014 Scientific coordinator of the meeting: "MS Young. The changing therapeutic scenario of multiple sclerosis: practic and gender related issues. (Palermo, Italy, 26-27 Giugno 2014).

Member of the Italian Multiple Sclerosis study group of the Italian Neurological Society .

Editorial Board member of the following Journals:
Therapeutic Advances in Neurological Disorders
Frontiers in Neurology
International Journal of Molecular Sciences
BMC Neurology

Invited speaker at:
National Italian Neurological society annual congress
Italian Congress of the Neuroepidemiological society
National meetings on several Neurological and Multiple Sclerosis topics

2021: National annual congress of the Italian Association of Clinica Neurologists

2022: Regional annual meeting of the Sicilian section of the Italian Neurological Society (SIN)

University of Verona. Invited seminar on: The role of ethnicity and native country income in Multiple Sclerosis. June 22nd, 2022.

Junior Academy for Multiple Sclerosis (National neurological events): 2018, 2019, 2021, 2022. Invited as speaker and as session chirman.

Chairman session at:
European Academy congress in 2019, 2021, 2022, 2024
Italian Neurological annual congress
Italian National neurological events

Reviewer for research grant: FIRB (Future in Research, Italian),
MIUR (Italian Ministry of University and Research),
Fellowship grant and program (University of Firenze, Italy);
FISM grants (Italian Federation for Multiple Sclerosis);
PhD review for the University of Verona, Catanzaro, Firenze, Groeningen (NL)

Reviewer for several international Journal:
Journal of Neurology Neurosurgery and Psychiatry, Multiple Sclerosis Journal, European Journal of Neurology, Neurological Sciences, BMC Neurology, Frontiers in Neurology, etc.

		Abstract reviewer for the European Academy annual congress (2019, 2020, 2022, 2024, 2025). **2013-2015**: HTA (health technology assessment team) member at the University Hospital (AOUP Policlinico) of Palermo, Italy.
OTHER STUDIES AND COURSES		**2000**: Course participation "Neuroepidemiology: principles and applications" presso la School of Byophisics A. Borsellino, Erice Trapani. **1998:** Visiting Physician Program: "Multiple Sclerosis Post-Graduate Course" at the Baylor College of Medicine di Houston, Texas (U.S.A.). **1996:** Erasmus University" di Rotterdam (NL); course "Advances in Epidemiology and Genetics of Neurologic Diseases". **1996**: "Johns Hopkins University" di Baltimora, Maryland (U.S.A.) summer school in: "Clinical trials: Issues and controversies" and "Principles of Epidemiology".
PARTICIPATION OR COORDINATION OF RESEARCH GRANTS		Coordination/Participation or collaboration in granted researches: **2022:** local PI for the Italian multicenter project Next Gen EU: PNRR-POC-2022—12376099 **2019-2021:** PI of the Italian multicenter research project MigIt: Migration and multiple Sclerosis. **2006:** Environmental risk factors in Parkinsons's disease and parkinsonisms; funding by MIUR (Italian Ministry of University and Research). **2008:** Effects of cognitive rehabilitation for Dementia and Parkinson's disease. A study by genetic analyses and by functional and morphological MRI. Funding by MIUR (Italian Ministry of University and Research). • **2000:** Collaborator of the research grant project funded by the Italian Ministry of Health ("Progetto Alzheimer, Programma speciale ex art. 12"). • **1996**: Co-investigator of the research project funded by the AISM (Italian Association for Multiple Sclerosis) "Incidence and Prevalence of Multiple Sclerosis in a Sicilian municipality". • **1997** Co-investigator in the research project "AGORA"": an observational study on diagnostic and therapeutic approaches for multiple sclerosis: Italian multicentric independent study.

Paolo Ragonese

	• **1996** Coordinator of the Italian multicenter independent project: "Accuracy of death certificates for motor neuron diseases in Italy. • **1998** Coordinator of the research project funded by the Sicilian Region: "a door-to-door prevalence study of dementia, Parkinsonisms, and other neurological diseases in the Sicilian Islands of Lampedusa and Linosa".
TEACHING ACTIVITY	**2020 to present time** Neurology at the School of Medicine, University of Palermo Canale Hypathia **2018-2019** Faculty member of the Master course in "Management of Neurodegenerative diseases"; University of Palermo, Italy. **2024-2025:** Faculty member of the International PhD program in Neurosciences, University of Palermo, Italy **2006-2018**: Faculty member of the International PhD program in Neurosciences, University of Palermo, Italy. Since **2006 to present**: Neurology and Neurosciences course at the Degree Program in speech and Language therapy, University of Palermo, Italy. Tutor and clinical training for the School of Medicine at the University of Palermo, Italy. **2023** Faculty member of the Master degree course in "Palliative care"; University of Palermo, Italy.

| CLINICAL TRIALS PARTICIPATION | | Local Principal investigator in the Posidonia study (impact of disease modifying treatments on psychological burden in patients with a recent diagnosis of multiple sclerosis); Italian multicenter study. Local Principal investigator Primula study (Evaluation of Brain atrophy parameters in patients affcted by MS starting Glatiramer treatment); multicenter study. Local Study coordinator study MA30005: International phase IIIb study: "AN OPEN-LABEL STUDY TO EVALUATE THE EFFICACY AND SAFETY OF OCRELIZUMAB IN PATIENTS WITH RELAPSING REMITTING MULTIPLE SCLEROSIS WHO HAVE A SUBOPTIMAL RESPONSE TO AN ADEQUATE COURSE OF DISEASE-MODIFYING TREATMENT" Co-investigator TyPE study (Cost – Utility study of natalizumab study for Multiple Sclerosis in Italy). Co-investigator of the study REFINE/101MS206 - A Randomized, Blinded, Parallel-Group, Phase 2 Study Exploring the Safety, Tolerability, and Efficacy of Multiple Regimens of Natalizumab in Adult Subjects With Relapsing Multiple Sclerosis. Co-investigator CHOICE study – A prospective observational study to depict the role of adherence as a tool of treatment decision making in RMS subjects experiencing first clinical relapse while on 1st line DMDs" Co-investigator RELIEF - Multicenter, open-label, 12 weeks, phase IV pRospectivE randomized study aimed at evaluating whether sc IFN beta 1a (Rebif®) administered In the morning may affEct the severity of Flu-like syndrome and patient-perceived invisible symptoms in subjects with relapsing multiple sclerosis Co-investigator CONNECT –Open-Label, Randomized Multicenter, Multiple-Dose, Active-Controlled, Parallel Group, Efficacy and Safety Study of BG00012 in Children from 10 to less than 18 years of age with Relapsing-Remitting Multiple Sclerosis |
| Others | | Current use of statistical softwares: SPSS, SAS |

Paolo Ragonese

OTHER INFORMATION   **Research interest:**
1) Epidemiology of Neurological diseases;
2) Descriptive and analytical Epidemiology of Multiple Sclerosis; 3)
Descriptive and analytical Epidemiology of other Neurological
diseases (Motor Neuron diseases, Parkinson and parkinsonisms,
Essential tremor, Cerebrovascolari diseases and Stroke);
4) Utility of biological markers in diagnosis and prognosis of
multiple sclerosis;
5) Comorbidity studies and prognosis of multiple sclerosis;
6) Natural history studies of multiple sclerosis and other
neurological diseases.

Segue elenco pubblicazioni su riviste indicizzate

Il sottoscritto è a conoscenza che, ai sensi dell'art. 26 della legge 15/68,
le dichiarazioni mendaci, la falsità negli atti e l'uso di atti falsi sono
puniti ai sensi del codice penale e delle leggi speciali.
Inoltre, il sottoscritto autorizza al trattamento dei dati personali, secondo
quanto previsto dalla legge 196/03.

Palermo, 31 Maggio 2025

Paolo Ragonese

Elenco pubblicazioni su riviste indicizzate del prof. Paolo Ragonese

1. Balistreri CR, Magro D, Scola L, Aridon P, Ragonese P, Dos Santos Mendes FA, Schirò G, D'Amelio M. Shed Syndecans (1-3), ELA-32, BDNF, NLR, and hs-CRP in Parkinson's Disease: Appropriate Diagnostic and Prognostic Biomarkers When Combined in a Unique Panel. Int J Mol Sci. 2025 May 8;26(10):4503. doi: 10.3390/ijms26104503. PMID: 40429647; PMCID: PMC12110990.

2. Iacono S, Schirò G, Aridon P, Andolina M, Sorbello G, Calì A, D'Amelio M, Salemi G, Ragonese P. Performance of a Modified Version of the Charlson Comorbidity Index in Predicting Multiple Sclerosis Disability Accrual. Neuroepidemiology. 2025 Apr 25:1-11. doi: 10.1159/000539829. Epub ahead of print. PMID: 40288366.

3. Agnello L, Gambino CM, Ciaccio AM, Salemi G, Brighina F, Ragonese P, Piccoli T, Blandino V, Di Stefano V, Cacciabaudo F, Masucci A, Vassallo R, Scazzone C, Del Ben F, Ciaccio M. The value of serum glial fibrillary acidic protein as a biomarker of astrogliosis in different neurological diseases. Clin Chim Acta. 2025 May 15;572:120248. doi: 10.1016/j.cca.2025.120248. Epub 2025 Mar 18. PMID: 40113024.

4. Schirò G, Iacono S, Andolina M, Sorbello G, Calì A, Gentile E, D'Amelio M, Aridon P, Salemi G, Ragonese P. The Impact of In-Hospital Disease Modifying Treatments on Mental and Physical Burden in Caregiver of Patients With MS. Ann Clin Transl Neurol. 2025 May;12(5):958-965. doi: 10.1002/acn3.70026. Epub 2025 Mar 10. PMID: 40065529; PMCID: PMC12093349.

5. Nociti V, Romozzi M, Prosperini L, Clerici VT, Ragonese P, Gallo A, Maniscalco GT, Di Filippo M, Buscarinu MC, Lorefice L, Pinardi F, Gajofatto A, Cavalla P, Buttari F, Ferraro D, De Luca G, Solaro C, Gasperini C, Cocco E; RIREMS Study Group. Effect of autoimmune comorbidities on multiple sclerosis course: An observational multicenter study. Eur J Neurol. 2025 Jan;32(1):e70019. doi: 10.1111/ene.70019. PMID: 39722573; PMCID: PMC11669769.

6. Landi D, Bartolomeo S, Bovis F, Amato MP, Bonavita S, Borriello G, Buccafusca M, Bucello S, Cavalla P, Cellerino M, Centonze D, Cocco E, Conte A, Cortese A, D'Amico E, Di Filippo M, Docimo R, Fantozzi R, Ferraro E, Filippi M, Foschi M, Gallo A, Granella F, Ianniello A, Lanzillo R, Lorefice L, Lucchini M, Lus G, Mataluni G, Mirabella M, Moiola L, Napoli F, Nicoletti CG, Patti F, Ragonese P, Realmuto S, Schirò G, Signoriello E, Sinisi L, Stromillo ML, Tomassini V, Vecchio D, Sormani MP, Marfia GA. Maternal and fetal outcomes in an Italian multicentric cohort of women with multiple sclerosis exposed to dimethyl fumarate during pregnancy. Mult Scler. 2024 Oct;30(11-12):1503-1513. doi: 10.1177/13524585241274600. Epub 2024 Sep 12. PMID: 39263885.

7. Schirò G, Iacono S, Salemi G, Ragonese P. The pharmacological management of myelin oligodendrocyte glycoprotein-immunoglobulin G associated disease (MOGAD): an update of the literature. Expert Rev Neurother. 2024 Oct;24(10):985-996. doi: 10.1080/14737175.2024.2385941. Epub 2024 Aug 7. PMID: 39110029.

8. Iacono S, Schirò G, Salemi G, Scirè E, Aridon P, Melfa M, Andolina M, Sorbello G, Calì A, Brighina F, D'Amelio M, Ragonese P. Efficacy and Safety of Rescue Treatment with Plasma Exchange in Patients with Acute Inflammatory Neurological Disorders: A Single Center Experience. Neurol Int. 2024 Jul

10;16(4):761-775. doi: 10.3390/neuroint16040056. PMID: 39051217; PMCID: PMC11270162.

9. Amato A, Proia P, Alioto A, Rossi C, Pagliaro A, Ragonese P, Schirò G, Salemi G, Caldarella R, Vasto S, Nowak R, Kostrzewa-Nowak D, Musumeci G, Baldassano S. High-intensity interval training improves bone remodeling, lipid profile, and physical function in multiple sclerosis patients. Sci Rep. 2024 Jul 13;14(1):16195. doi: 10.1038/s41598-024-66448-5. PMID: 39003295; PMCID: PMC11246443.

10. Chisari CG, Aguglia U, Amato MP, Bergamaschi R, Bertolotto A, Bonavita S, Morra VB, Cavalla P, Cocco E, Conte A, Cottone S, De Luca G, Di Sapio A, Filippi M, Gallo A, Gasperini C, Granella F, Lus G, Maimone D, Maniscalco GT, Marfia G, Moiola L, Paolicelli D, Pesci I, Ragonese P, Rovaris M, Salemi G, Solaro C, Totaro R, Trojano M, Vianello M, Zaffaroni M, Lepore V, Patti F; Italian MS Register Study Group. Long-term effectiveness of natalizumab in secondary progressive multiple sclerosis: A propensity-matched study. Neurotherapeutics. 2024 Jul;21(4):e00363. doi: 10.1016/j.neurot.2024.e00363. Epub 2024 May 7. PMID: 38714462; PMCID: PMC11284548.

11. Aprea MG, Schiavetti I, Portaccio E, Ballerini C, Bonavita S, Buscarinu M, Calabrese M, Cavalla P, Cellerino M, Cordioli C, Dattola V, De Biase S, De Meo E, Fantozzi R, Gallo A, Iasevoli L, Karabudak R, Landi D, Lorefice L, Moiola L, Ragonese P, Ruscica F, Sen S, Sinisi L, Signoriello E, Toscano S, Verrengia E, Siva A, Masciulli C, Sormani MP, Amato MP. Impact of COVID-19 on pregnancy and fetal outcomes in women with multiple sclerosis. Mult Scler. 2024 May;30(6):707-713. doi: 10.1177/13524585241232266. Epub 2024 Mar 8. PMID: 38456445.

12. Ferreira VR, Brayne C, Ragonese P, Ketzoian C, Piccioli M, Tinti L, Casali C, di Lorenzo C, Ramos C, Azevedo J, Gomes A, Stewart R, Haas H, Hoppenbrouwer S, Metting E, Gallo V. A Delphi consensus to identify the key screening tests/questions for a digital neurological examination for epidemiological research. J Neurol. 2024 May;271(5):2694-2703. doi: 10.1007/s00415-024-12254-y. Epub 2024 Feb 20. PMID: 38378908; PMCID: PMC11055750.

13. Bianchi A, Matranga D, Patti F, Maniscalco L, Pilotto S, Di Filippo M, Zaffaroni M, Annovazzi P, Bertolotto A, Gasperini C, Quartuccio E, Centonze D, Fantozzi R, Gajofatto A, Gobbin F, Landi D, Granella F, Buccafusca M, Marfia GA, Chisari C, Naldi P, Bergamaschi R, Greco G, Zarbo IR, Rizzo V, Ulivelli M, Bezzini D, Florio L, Turazzini M, Di Gregorio M, Pugliatti M, Salemi G, Ragonese P; the MS-MigIT Study Group. The role of ethnicity and native-country income in multiple sclerosis: the Italian multicentre study (MS-MigIT). J Neurol. 2024 May;271(5):2182-2194. doi: 10.1007/s00415-024-12214-6. Epub 2024 Feb 16. PMID: 38366072; PMCID: PMC11055772.

14. Iaffaldano P, Lucisano G, Guerra T, Patti F, Cocco E, De Luca G, Brescia Morra V, Pozzilli C, Zaffaroni M, Ferraro D, Gasperini C, Salemi G, Bergamaschi R, Lus G, Inglese M, Romano S, Bellantonio P, Di Monte E, Maniscalco GT, Conte A, Lugaresi A, Vianello M, Torri Clerici VLA, Di Sapio A, Pesci I, Granella F, Totaro R, Marfia GA, Danni MC, Cavalla P, Valentino P, Aguglia U, Montepietra S, Ferraro E, Protti A, Spitaleri D, Avolio C, De Riz M, Maimone D, Cavaletti G,

Gazzola P, Tedeschi G, Sessa M, Rovaris M, Di Palma F, Gatto M, Cargnelutti D, De Robertis F, Logullo FO, Rini A, Meucci G, Ardito B, Banfi P, Nasuelli D, Paolicelli D, Rocca MA, Portaccio E, Chisari CG, Fenu G, Onofrj M, Carotenuto A, Ruggieri S, Tortorella C, Ragonese P, Nica M, Amato MP, Filippi M, Trojano M; Italian MS Register. Evaluation of drivers of treatment switch in relapsing multiple sclerosis: a study from the Italian MS Registry. J Neurol. 2024 Mar;271(3):1150-1159. doi: 10.1007/s00415-023-12137-8. Epub 2023 Dec 22. PMID: 38135850.

15. Schirò G, Iacono S, Andolina M, Bianchi A, Ragonese P, Salemi G. Tocilizumab treatment in MOGAD: a case report and literature review. Neurol Sci. 2024 Apr;45(4):1429-1436. doi: 10.1007/s10072-023-07189-7. Epub 2023 Nov 27. PMID: 38010585; PMCID: PMC10942923.

16. Bisecco A, Matrone F, Capobianco M, De Luca G, Filippi M, Granella F, Lus G, Marfia GA, Mirabella M, Patti F, Trojano M, Mascolo A, Copetti M, Tedeschi G, Gallo A; OCREVID study group on behalf of the Italian MS Register. COVID-19 outbreak in Italy: an opportunity to evaluate extended interval dosing of ocrelizumab in MS patients. J Neurol. 2024 Feb;271(2):699-710. doi: 10.1007/s00415-023-12084-4. Epub 2023 Nov 20. PMID: 37982852; PMCID: PMC10827970.

17. Di Filippo M, Ferraro D, Ragonese P, Prosperini L, Maniscalco GT, Gallo A, Cavalla P, Lorefice L, Nociti V, Di Sabatino E, Clerico M, Guaschino C, Radaelli M, Fantozzi R, Buttari F, Laroni A, Gajofatto A, Calabrese M, Malucchi S, Paolicelli D, De Luca G, Tomassini V, Lanzillo R, Moccia M, Solaro C, Cocco E, Gasperini C, Tortorella C; RIREMS (Rising Researchers in MS) group. SARS-CoV-2 vaccination and multiple sclerosis: a large multicentric study on relapse risk after the third booster dose. J Neurol. 2024 Jan;271(1):24-31. doi: 10.1007/s00415-023-12034-0. Epub 2023 Nov 3. PMID: 37922069; PMCID: PMC10769943.

18. Carbone L, Landi D, Di Girolamo R, Anserini P, Centonze D, Marfia GA, Alviggi C; Interdisciplinary Group for Fertility in Multiple Sclerosis (IGFMS). Optimizing the "Time to pregnancy" in women with multiple sclerosis: the OPTIMUS Delphi survey. Front Neurol. 2023 Oct 6;14:1255496. doi: 10.3389/fneur.2023.1255496. PMID: 37869135; PMCID: PMC10588727.

19. Shekarkar Azgomi M, La Manna MP, Badami GD, Ragonese P, Trizzino A, Dieli F, Caccamo N. Correction: Shekarkar Azgomi et al. A Rapid and Simple Multiparameter Assay to Quantify Spike-Specific CD4 and CD8 T Cells after SARS-CoV-2 Vaccination: A Preliminary Report. <i>Biomedicines</i> 2021, <i>9</i>, 1576. Biomedicines. 2023 Aug 25;11(9):2378. doi: 10.3390/biomedicines11092378. Erratum for: Biomedicines. 2021 Oct 29;9(11):1576. doi: 10.3390/biomedicines9111576. PMID: 37761034; PMCID: PMC10487874.

20. Iacono S, Schirò G, Davì C, Mastrilli S, Abbott M, Guajana F, Arnao V, Aridon P, Ragonese P, Gagliardo C, Colomba C, Scichilone N, D'Amelio M. COVID-19 and neurological disorders: what might connect Parkinson's disease to SARS-CoV-2 infection. Front Neurol. 2023 May 18;14:1172416. doi: 10.3389/fneur.2023.1172416. PMID: 37273689; PMCID: PMC10232873.

21. Capuano R, Prosperini L, Altieri M, Lorefice L, Fantozzi R, Cavalla P, Guaschino C, Radaelli M, Cordioli C, Nociti V, Boffa L, Ragonese P, Di Gregorio M, Pinardi F, Torri Clerici V, De Luca G, Gajofatto A, Paolicelli D, Tortorella C, Gasperini C, Solaro C, Cocco E, Bisecco A, Gallo A. Symptomatic COVID-19 course and outcomes after three mRNA vaccine doses in multiple sclerosis patients treated with high-efficacy DMTs. Mult Scler. 2023 Jun;29(7):856-865. doi: 10.1177/13524585231167515. Epub 2023 May 11. PMID: 37165941; PMCID: PMC10183344.

22. Iacono S, Piccoli T, Aridon P, Schirò G, Blandino V, Tarantino D, Agnello L, Ciaccio M, Ragonese P, Salemi G. Evaluation of serum and cerebrospinal fluid biomarkers after vaccination against SARS-CoV-2. Ann Clin Transl Neurol. 2023 Jun;10(6):1025-1034. doi: 10.1002/acn3.51785. Epub 2023 May 4. PMID: 37139906; PMCID: PMC10270270.

23. Arena S, Chisari CG, Toscano S, Bucello S, Grimaldi LM, Ragonese P, Realmuto S, Cottone S, Maimone D, Finocchiaro C, Reitano P, Patti F. Real-World Effectiveness of Cladribine for Patients with Multiple Sclerosis: A Sicilian Multicentric Experience (Rewind Study). Curr Neuropharmacol. 2024;22(7):1271-1283. doi: 10.2174/1570159X21666230322140711. PMID: 36946484; PMCID: PMC10964096.

24. Bianchi A, Aprile M, Schirò G, Gasparro C, Iacono S, Andolina M, Marrale M, Gattuso I, La Tona G, Midiri M, Gagliardo C, Salemi G, Ragonese P. Microchimerism in multiple sclerosis: The association between sex of offspring and MRI features in women with multiple sclerosis. Front Neurosci. 2023 Feb 7;17:1091955. doi: 10.3389/fnins.2023.1091955. PMID: 36824218; PMCID: PMC9941336.

25. Rocca WA, Ragonese P, D'Ameilo M, Savettieri G. Teaching Research Methods to Young Neurologists: The Erice International Courses. J Mov Disord. 2022 Sep;15(3):227-231. doi: 10.14802/jmd.22130. Epub 2022 Sep 22. PMID: 36202209; PMCID: PMC9536919.

26. Landi D, Bovis F, Grimaldi A, Annovazzi PO, Bertolotto A, Bianchi A, Borriello G, Brescia Morra V, Bucello S, Buscarinu MC, Caleri F, Capobianco M, Capra R, Cellerino M, Centonze D, Cerqua R, Chisari CG, Clerico M, Cocco E, Cola G, Cordioli C, Curti E, d'Ambrosio A, D'Amico E, De Luca G, Di Filippo M, Di Lemme S, Fantozzi R, Ferraro D, Ferraro E, Gallo A, Gasperini C, Granella F, Inglese M, Lanzillo R, Lorefice L, Lus G, Malucchi S, Margoni M, Mataluni G, Mirabella M, Moiola L, Nicoletti CG, Nociti V, Patti F, Pinardi F, Portaccio E, Pozzilli C, Ragonese P, Rasia S, Salemi G, Signoriello E, Vitetta F, Totaro R, Sormani MP, Amato MP, Marfia GA. Exposure to natalizumab throughout pregnancy: effectiveness and safety in an Italian cohort of women with multiple sclerosis. J Neurol Neurosurg Psychiatry. 2022 Sep 30:jnnp-2022-329657. doi: 10.1136/jnnp-2022-329657. Epub ahead of print. PMID: 36180219.

27. Messina G, Amato A, Alioto A, Stallone R, Rizzo F, Ragonese P, Fischetti F, Genua D, Francavilla V, Iovane A, Proia P. A new road to improve vitamin D and balance through Taopatch[®] and proprioceptive protocol in Multiple Sclerosis patients. Eur J Transl Myol. 2022 Sep 16;32(4):10774. doi: 10.4081/ejtm.2022.10774. PMID: 36112067; PMCID: PMC9830399.

28. Schiavetti I, Carmisciano L, Ponzano M, Cordioli C, Cocco E, Marfia GA, Inglese M, Filippi M, Radaelli M, Bergamaschi R, Immovilli P, Capobianco M, De Rossi N, Brichetto G, Scandellari C, Cavalla P, Pesci I, Confalonieri P, Perini P, Trojano M, Lanzillo R, Tedeschi G, Comi G, Battaglia MA, Patti F, Salvetti M, Sormani MP; MuSC-19 Study Group. Signs and symptoms of COVID-19 in patients with multiple sclerosis. Eur J Neurol. 2022 Dec;29(12):3728-3736. doi: 10.1111/ene.15554. Epub 2022 Sep 23. PMID: 36086905; PMCID: PMC9538224.

29. Schirò G, Iacono S, Ragonese P, Aridon P, Salemi G, Balistreri CR. A Brief Overview on BDNF-Trk Pathway in the Nervous System: A Potential Biomarker or Possible Target in Treatment of Multiple Sclerosis? Front Neurol. 2022 Jul 12;13:917527. doi: 10.3389/fneur.2022.917527. PMID: 35911894; PMCID: PMC9332890.

30. Agnello L, Scazzone C, Sasso BL, Vidali M, Giglio RV, Ciaccio AM, Ragonese P, Salemi G, Ciaccio M. Role of Multiple Vitamin D-Related Polymorphisms in Multiple Sclerosis Severity: Preliminary Findings. Genes (Basel). 2022 Jul 22;13(8):1307. doi: 10.3390/genes13081307. PMID: 35893044; PMCID: PMC9394239.

31. Portaccio E, Fonderico M, Iaffaldano P, Pastò L, Razzolini L, Bellinvia A, De Luca G, Ragonese P, Patti F, Brescia Morra V, Cocco E, Sola P, Inglese M, Lus G, Pozzilli C, Maimone D, Lugaresi A, Gazzola P, Comi G, Pesci I, Spitaleri D, Rezzonico M, Vianello M, Avolio C, Logullo FO, Granella F, Salvetti M, Zaffaroni M, Lucisano G, Filippi M, Trojano M, Amato MP; Italian Multiple Sclerosis Register Centers Group. Disease-Modifying Treatments and Time to Loss of Ambulatory Function in Patients With Primary Progressive Multiple Sclerosis. JAMA Neurol. 2022 Sep 1;79(9):869-878. doi: 10.1001/jamaneurol.2022.1929. PMID: 35877104; PMCID: PMC9315975.

32. Sorosina M, Barizzone N, Clarelli F, Anand S, Lupoli S, Salvi E, Mangano E, Bordoni R, Roostaei T, Mascia E, Zuccalà M, Vecchio D, Cavalla P, Santoro S, Ferrè L, Zollo A; PROGEMUS; Barlassina C, Cusi D, Martinelli V, Comi G, Leone M, Filippi M, Patsopoulos NA, De Jager PL, De Bellis G, Esposito F, D'Alfonso S, Martinelli Boneschi F. Correction to: A multi-step genomic approach prioritized TBKBP1 gene as relevant for multiple sclerosis susceptibility. J Neurol. 2022 Aug;269(8):4523-4524. doi: 10.1007/s00415-022-11216-6. Erratum for: J Neurol. 2022 Aug;269(8):4510-4522. doi: 10.1007/s00415-022-11109-8. PMID: 35751689; PMCID: PMC9293808.

33. Sorosina M, Barizzone N, Clarelli F, Anand S, Lupoli S, Salvi E, Mangano E, Bordoni R, Roostaei T, Mascia E, Zuccalà M, Vecchio D, Cavalla P, Santoro S, Ferrè L, Zollo A; PROGEMUS; Barlassina C, Cusi D, Martinelli V, Comi G, Leone M, Filippi M, Patsopoulos NA, De Jager PL, De Bellis G, Esposito F, D'Alfonso S, Martinelli Boneschi F. A multi-step genomic approach prioritized TBKBP1 gene as relevant for multiple sclerosis susceptibility. J Neurol. 2022 Aug;269(8):4510-4522. doi: 10.1007/s00415-022-11109-8. Epub 2022 May 12. Erratum in: J Neurol. 2022 Aug;269(8):4523-4524. doi: 10.1007/s00415-022-11216-6. PMID: 35545683; PMCID: PMC9294010.

34. Clarelli F, Barizzone N, Mangano E, Zuccalà M, Basagni C, Anand S, Sorosina M, Mascia E, Santoro S; PROGEMUS; PROGRESSO; Guerini FR, Virgilio E, Gallo A, Pizzino A, Comi C, Martinelli V, Comi G, De Bellis G, Leone M, Filippi M,

Esposito F, Bordoni R, Martinelli Boneschi F, D'Alfonso S. Contribution of Rare and Low-Frequency Variants to Multiple Sclerosis Susceptibility in the Italian Continental Population. Front Genet. 2022 Jan 3;12:800262. doi: 10.3389/fgene.2021.800262. PMID: 35047017; PMCID: PMC8762330.

35. Iaffaldano P, Lucisano G, Manni A, Paolicelli D, Patti F, Capobianco M, Brescia Morra V, Sola P, Pesci I, Lus G, De Luca G, Lugaresi A, Cavalla P, Montepietra S, Maniscalco GT, Granella F, Ragonese P, Vianello M, Brambilla L, Totaro R, Toscano S, Malucchi S, Petracca M, Moiola L, Ferraro D, Lepore V, Mosconi P, Ponzio M, Tedeschi G, Comi G, Battaglia MA, Filippi M, Amato MP, Trojano M; Italian MS Register. Risk of Getting COVID-19 in People With Multiple Sclerosis: A Case-Control Study. Neurol Neuroimmunol Neuroinflamm. 2022 Jan 19;9(2):e1141. doi: 10.1212/NXI.0000000000001141. PMID: 35046084; PMCID: PMC8771668.

36. Amato A, Ragonese P, Ingoglia S, Schiera G, Schirò G, Di Liegro CM, Salemi G, Di Liegro I, Proia P. Lactate Threshold Training Program on Patients with Multiple Sclerosis: A Multidisciplinary Approach. Nutrients. 2021 Nov 27;13(12):4284. doi: 10.3390/nu13124284. PMID: 34959834; PMCID: PMC8704660.

37. Pignolo A, Aprile M, Gagliardo C, Giammanco GM, D'Amelio M, Aridon P, La Tona G, Salemi G, Ragonese P. Clinical Onset and Multiple Sclerosis Relapse after SARS-CoV-2 Infection. Neurol Int. 2021 Dec 6;13(4):695-700. doi: 10.3390/neurolint13040066. PMID: 34940752; PMCID: PMC8707620.

38. Fanara S, Aprile M, Iacono S, Schirò G, Bianchi A, Brighina F, Dominguez LJ, Ragonese P, Salemi G. The Role of Nutritional Lifestyle and Physical Activity in Multiple Sclerosis Pathogenesis and Management: A Narrative Review. Nutrients. 2021 Oct 25;13(11):3774. doi: 10.3390/nu13113774. PMID: 34836032; PMCID: PMC8620342.

39. Shekarkar Azgomi M, La Manna MP, Badami GD, Ragonese P, Trizzino A, Dieli F, Caccamo N. A Rapid and Simple Multiparameter Assay to Quantify Spike-Specific CD4 and CD8 T Cells after SARS-CoV-2 Vaccination: A Preliminary Report. Biomedicines. 2021 Oct 29;9(11):1576. doi: 10.3390/biomedicines9111576. Erratum in: Biomedicines. 2023 Aug 25;11(9):2378. doi: 10.3390/biomedicines11092378. PMID: 34829805; PMCID: PMC8615821.

40. Sormani MP, Schiavetti I, Carmisciano L, Cordioli C, Filippi M, Radaelli M, Immovilli P, Capobianco M, De Rossi N, Brichetto G, Cocco E, Scandellari C, Cavalla P, Pesci I, Zito A, Confalonieri P, Marfia GA, Perini P, Inglese M, Trojano M, Brescia Morra V, Tedeschi G, Comi G, Battaglia MA, Patti F, Salvetti M; MuSC-19 Study Group. COVID-19 Severity in Multiple Sclerosis: Putting Data Into Context. Neurol Neuroimmunol Neuroinflamm. 2021 Nov 9;9(1):e1105. doi: 10.1212/NXI.0000000000001105. PMID: 34753829; PMCID: PMC8579249.

41. Bergamaschi R, Ponzano M, Schiavetti I, Carmisciano L, Cordioli C, Filippi M, Radaelli M, Immovilli P, Capobianco M, De Rossi N, Brichetto G, Cocco E, Scandellari C, Cavalla P, Pesci I, Zito A, Confalonieri P, Marfia GA, Perini P, Inglese M, Trojano M, Brescia Morra V, Pisoni E, Tedeschi G, Comi G, Battaglia MA, Patti F, Salvetti M, Sormani MP; MuSC-19 study group. The effect of air pollution on COVID-19 severity in a sample of patients with multiple sclerosis.

Eur J Neurol. 2022 Feb;29(2):535-542. doi: 10.1111/ene.15167. Epub 2021 Nov 15. PMID: 34735749; PMCID: PMC8652772.

42. Lavorgna L, Iaffaldano P, Abbadessa G, Lanzillo R, Esposito S, Ippolito D, Sparaco M, Cepparulo S, Lus G, Viterbo R, Clerico M, Trojsi F, Ragonese P, Borriello G, Signoriello E, Palladino R, Moccia M, Brigo F, Troiano M, Tedeschi G, Bonavita S. Correction to: Disability assessment using Google Maps. Neurol Sci. 2022 Feb;43(2):1481. doi: 10.1007/s10072-021-05707-z. Erratum for: Neurol Sci. 2022 Feb;43(2):1007-1014. doi: 10.1007/s10072-021-05389-7. PMID: 34727256; PMCID: PMC9119253.

43. Amato A, Messina G, Feka K, Genua D, Ragonese P, Kostrzewa-Nowak D, Fischetti F, Iovane A, Proia P. Taopatch® combined with home-based training protocol to prevent sedentary lifestyle and biochemical changes in MS patients during COVID-19 pandemic. Eur J Transl Myol. 2021 Aug 31;31(3):9877. doi: 10.4081/ejtm.2021.9877. PMID: 34498450; PMCID: PMC8495370.

44. Di Filippo M, Cordioli C, Malucchi S, Annovazzi P, Cavalla P, Torri Clerici V, Ragonese P, Nociti V, Radaelli M, Laroni A, Buttari F, Lorefice L, Ferraro D, Gajofatto A, Prosperini L, Fantozzi R, Boffa L, Lanzillo R, Moccia M, Clerico M, De Luca G, Tomassini V, Calabrese M, Borrelli A, Paolicelli D, Maniscalco GT, Gazzola P, Gallo A, Solaro C, Cocco E, Gasperini C, Tortorella C; RIREMS (Rising Researchers in MS) group. mRNA COVID-19 vaccines do not increase the short-term risk of clinical relapses in multiple sclerosis. J Neurol Neurosurg Psychiatry. 2022 Apr;93(4):448-450. doi: 10.1136/jnnp-2021-327200. Epub 2021 Aug 18. PMID: 34408003.

45. Sormani MP, Schiavetti I, Landi D, Carmisciano L, De Rossi N, Cordioli C, Moiola L, Radaelli M, Immovilli P, Capobianco M, Brescia Morra V, Trojano M, Tedeschi G, Comi G, Battaglia MA, Patti F, Fragoso YD, Sen S, Siva A, Furlan R, Salvetti M; MuSC-19 Study Group. SARS-CoV-2 serology after COVID-19 in multiple sclerosis: An international cohort study. Mult Scler. 2022 Jun;28(7):1034-1040. doi: 10.1177/13524585211035318. Epub 2021 Jul 30. PMID: 34328824.

46. Sormani MP, Salvetti M, Labauge P, Schiavetti I, Zephir H, Carmisciano L, Bensa C, De Rossi N, Pelletier J, Cordioli C, Vukusic S, Moiola L, Kerschen P, Radaelli M, Théaudin M, Immovilli P, Casez O, Capobianco M, Ciron J, Trojano M, Stankoff B, Créange A, Tedeschi G, Clavelou P, Comi G, Thouvenot E, Battaglia MA, Moreau T, Patti F, De Sèze J, Louapre C; Musc-19; Covisep study groups. DMTs and Covid-19 severity in MS: a pooled analysis from Italy and France. Ann Clin Transl Neurol. 2021 Aug;8(8):1738-1744. doi: 10.1002/acn3.51408. Epub 2021 Jul 7. PMID: 34240579; PMCID: PMC8351392.

47. Lavorgna L, Iaffaldano P, Abbadessa G, Lanzillo R, Esposito S, Ippolito D, Sparaco M, Cepparulo S, Lus G, Viterbo R, Clerico M, Trojsi F, Ragonese P, Borriello G, Signoriello E, Palladino R, Moccia M, Brigo F, Troiano M, Tedeschi G, Bonavita S. Disability assessment using Google Maps. Neurol Sci. 2022 Feb;43(2):1007-1014. doi: 10.1007/s10072-021-05389-7. Epub 2021 Jun 17. Erratum in: Neurol Sci. 2022 Feb;43(2):1481. doi: 10.1007/s10072-021-05707-z. PMID: 34142263; PMCID: PMC8211455.

48. Baroncini D, Simone M, Iaffaldano P, Brescia Morra V, Lanzillo R, Filippi M,

Romeo M, Patti F, Chisari CG, Cocco E, Fenu G, Salemi G, Ragonese P, Inglese M, Cellerino M, Margari L, Comi G, Zaffaroni M, Ghezzi A; Italian MS registry. Risk of Persistent Disability in Patients With Pediatric-Onset Multiple Sclerosis. JAMA Neurol. 2021 Jun 1;78(6):726-735. doi: 10.1001/jamaneurol.2021.1008. PMID: 33938921; PMCID: PMC8094039.

49. Ferraro D, Annovazzi P, Lanzillo R, Calabrese M, Fantozzi R, De Luca G, Cordioli C, Paolicelli D, Ragonese P, Gajofatto A, Lo Fermo S, Cavalla P, Tortorella C, Pesci I, Gallo A, Pinardi F, Di Filippo M, Maniscalco GT, Nociti V, Radaelli M, Tomassini V, Buscarinu MC, Moccia M, Camera V, Cocco E, Gasperini C, Solaro C. A multicenter survey on access to care in Multiple Sclerosis-related trigeminal neuralgia. J Neurol Sci. 2021 May 15;424:117430. doi: 10.1016/j.jns.2021.117430. Epub 2021 Mar 27. PMID: 33838554.

50. Scazzone C, Agnello L, Lo Sasso B, Salemi G, Gambino CM, Ragonese P, Candore G, Ciaccio AM, Giglio RV, Bivona G, Vidali M, Ciaccio M. FOXP3 and GATA3 Polymorphisms, Vitamin D3 and Multiple Sclerosis. Brain Sci. 2021 Mar 25;11(4):415. doi: 10.3390/brainsci11040415. PMID: 33806248; PMCID: PMC8066599.

51. Bucello S, Annovazzi P, Ragonese P, Altieri M, Barcella V, Bergamaschi R, Bianchi A, Borriello G, Buscarinu MC, Callari G, Capobianco M, Capone F, Cavalla P, Cavarretta R, Cortese A, De Luca G, Di Filippo M, Dattola V, Fantozzi R, Ferraro E, Filippi MM, Gasperini C, Grimaldi LME, Landi D, Re ML, Mallucci G, Manganotti P, Marfia GA, Mirabella M, Perini P, Pisa M, Realmuto S, Russo M, Tomassini V, Torri-Clerici VLA, Zaffaroni M, Zuliani C, Zywicki S, Filippi M, Prosperini L. Real world experience with teriflunomide in multiple sclerosis: the TER-Italy study. J Neurol. 2021 Aug;268(8):2922-2932. doi: 10.1007/s00415-021-10455-3. Epub 2021 Feb 22. PMID: 33616742.

52. Sormani MP, De Rossi N, Schiavetti I, Carmisciano L, Cordioli C, Moiola L, Radaelli M, Immovilli P, Capobianco M, Trojano M, Zaratin P, Tedeschi G, Comi G, Battaglia MA, Patti F, Salvetti M; Musc-19 Study Group. Disease-Modifying Therapies and Coronavirus Disease 2019 Severity in Multiple Sclerosis. Ann Neurol. 2021 Apr;89(4):780-789. doi: 10.1002/ana.26028. Epub 2021 Feb 9. PMID: 33480077; PMCID: PMC8013440.

53. Di Gregorio M, Torri Clerici VLA, Fenu G, Gaetani L, Gallo A, Cavalla P, Ragonese P, Annovazzi P, Gajofatto A, Prosperini L, Landi D, Nicoletti CG, Di Carmine C, Totaro R, Nociti V, De Fino C, Ferraro D, Tomassini V, Tortorella C, Righini I, Amato MP, Manni A, Paolicelli D, Iaffaldano P, Lanzillo R, Moccia M, Buttari F, Fantozzi R, Cerqua R, Zagaglia S, Farina D, De Luca G, Buscarinu MC, Pinardi F, Cocco E, Gasperini C, Solaro CM, Di Filippo M. Defining the course of tumefactive multiple sclerosis: A large retrospective multicentre study. Eur J Neurol. 2021 Apr;28(4):1299-1307. doi: 10.1111/ene.14672. Epub 2021 Jan 12. PMID: 33305459.

54. Ragonese P, Liegro I, Schiera G, Salemi G, Realmuto S, Liegro C, Proia P. Toxic effects on astrocytes of extracellular vesicles from CSF of multiple sclerosis patients: a pilot in vitro study. Pol J Pathol. 2020;71(3):270-276. doi: 10.5114/pjp.2020.99794. PMID: 33112118.

55. Gagliardo C, Ragonese P, Iacopino GD, Salemi G, Midiri M, D'Amelio M.

Transcranial magnetic resonance-guided focused ultrasound thalamotomy as a safe treatment option in multiple sclerosis patients with essential tremor. Neurol Sci. 2021 Mar;42(3):1139-1143. doi: 10.1007/s10072-020-04841-4. Epub 2020 Oct 22. PMID: 33094429.

56. Arnao V, Salemi G, Scondotto S, Casuccio N, Riolo M, D'Amelio M, Ragonese P, Aridon P. Stroke incidence and case fatality: a 9-year prospective population-based study in an elderly population of Bagheria, Italy. Neurol Sci. 2021 Jun;42(6):2447-2452. doi: 10.1007/s10072-020-04830-7. Epub 2020 Oct 19. PMID: 33078249; PMCID: PMC8159798.

57. Chisari CG, Grimaldi LM, Salemi G, Ragonese P, Iaffaldano P, Bonavita S, Sparaco M, Rovaris M, D'Arma A, Lugaresi A, Ferrò MT, Grossi P, Di Sapio A, Cocco E, Granella F, Curti E, Lepore V, Trojano M, Patti F; Italian MS Register Study Group. Clinical effectiveness of different natalizumab interval dosing schedules in a large Italian population of patients with multiple sclerosis. J Neurol Neurosurg Psychiatry. 2020 Dec;91(12):1297-1303. doi: 10.1136/jnnp-2020-323472. Epub 2020 Oct 14. PMID: 33055141.

58. Moccia M, Annovazzi P, Buscarinu MC, Calabrese M, Cavalla P, Cordioli C, Di Filippo M, Ferraro D, Gajofatto A, Gallo A, Lanzillo R, Laroni A, Lorefice L, Mallucchi S, Nociti V, Paolicelli D, Pinardi F, Prosperini L, Radaelli M, Ragonese P, Tomassini V, Tortorella C, Cocco E, Gasperini C, Solaro C. Harmonization of real-world studies in multiple sclerosis: Retrospective analysis from the rirems group. Mult Scler Relat Disord. 2020 Oct;45:102394. doi: 10.1016/j.msard.2020.102394. Epub 2020 Jul 12. PMID: 32683308.

59. Scazzone C, Agnello L, Sasso BL, Ragonese P, Bivona G, Realmuto S, Iacolino G, Gambino CM, Bellia C, Salemi G, Ciaccio M. Klotho and vitamin D in multiple sclerosis: an Italian study. Arch Med Sci. 2019 Aug 2;16(4):842-847. doi: 10.5114/aoms.2019.86969. PMID: 32542086; PMCID: PMC7286339.

60. Bianchi A, Ragonese P, Banco MA, Realmuto S, Vazzoler G, Portera E, La Tona G, Salemi G. Four cases of progressive multifocal leukoencephalopathy in iatrogenic immunocompromised patients. eNeurologicalSci. 2020 May 17;19:100243. doi: 10.1016/j.ensci.2020.100243. PMID: 32478179; PMCID: PMC7248236.

61. Tortorella C, Solaro C, Annovazzi P, Boffa L, Buscarinu MC, Buttari F, Calabrese M, Cavalla P, Cocco E, Cordioli C, De Luca G, Di Filippo M, Fantozzi R, Ferraro D, Gajofatto A, Gallo A, Lanzillo R, Laroni A, Fermo SL, Mallucchi S, Maniscalco GT, Moccia M, Nociti V, Paolicelli D, Pesci I, Prosperini L, Ragonese P, Tomassini V, Clerici VLAT, Rodegher M, Gherardi M, Gasperini C; RIReMS Group. Informing MS patients on treatment options: a consensus on the process of consent taking. Neurol Sci. 2020 Aug;41(8):2249-2253. doi: 10.1007/s10072-020-04339-z. Epub 2020 Apr 2. PMID: 32240416.

62. Ferraro D, Annovazzi P, Moccia M, Lanzillo R, De Luca G, Nociti V, Fantozzi R, Paolicelli D, Ragonese P, Gajofatto A, Boffa L, Cavalla P, Lo Fermo S, Buscarinu MC, Lorefice L, Cordioli C, Calabrese M, Gallo A, Pinardi F, Tortorella C, Di Filippo M, Camera V, Maniscalco GT, Radaelli M, Buttari F, Tomassini V, Cocco E, Gasperini C, Solaro C; RIREMS (Rising Researchers in Multiple Sclerosis). Characteristics and treatment of Multiple Sclerosis-related

trigeminal neuralgia: An Italian multi-centre study. Mult Scler Relat Disord. 2020 Jan;37:101461. doi: 10.1016/j.msard.2019.101461. Epub 2019 Oct 19. PMID: 31678859.

63. Arnao V, Riolo M, Carduccio F, Tuttolomondo A, D'Amelio M, Brighina F, Gangitano M, Salemi G, Ragonese P, Aridon P. Effects of transcranial random noise stimulation combined with Graded Repetitive Arm Supplementary Program (GRASP) on motor rehabilitation of the upper limb in sub-acute ischemic stroke patients: a randomized pilot study. J Neural Transm (Vienna). 2019 Dec;126(12):1701-1706. doi: 10.1007/s00702-019-02087-9. Epub 2019 Oct 1. PMID: 31576424.

64. Salemi G, Vazzoler G, Ragonese P, Bianchi A, Cosentino G, Croce G, Gangitano M, Portera E, Realmuto S, Fierro B, Brighina F. Application of tRNS to improve multiple sclerosis fatigue: a pilot, single-blind, sham-controlled study. J Neural Transm (Vienna). 2019 Jun;126(6):795-799. doi: 10.1007/s00702-019-02006-y. Epub 2019 May 3. PMID: 31054015.

65. Calabrese M, Gasperini C, Tortorella C, Schiavi G, Frisullo G, Ragonese P, Fantozzi R, Prosperini L, Annovazzi P, Cordioli C, Di Filippo M, Ferraro D, Gajofatto A, Malucchi S, Lo Fermo S, De Luca G, Stromillo ML, Cocco E, Gallo A, Paolicelli D, Lanzillo R, Tomassini V, Pesci I, Rodegher ME, Solaro C; RIREMS group (Rising Italian Researchers in Multiple Sclerosis). "Better explanations" in multiple sclerosis diagnostic workup: A 3-year longitudinal study. Neurology. 2019 May 28;92(22):e2527-e2537. doi: 10.1212/WNL.0000000000007573. Epub 2019 May PMID: 31043476; PMCID: PMC6659006.

66. Ragonese P. Food of the gods for the treatment of multiple sclerosis related fatigue? J Neurol Neurosurg Psychiatry. 2019 May;90(5):495. doi: 10.1136/jnnp-2018-319926. Epub 2019 Mar 4. PMID: 30833450.

67. Geraci F, Ragonese P, Barreca MM, Aliotta E, Mazzola MA, Realmuto S, Vazzoler G, Savettieri G, Sconzo G, Salemi G. Differences in Intercellular Communication During Clinical Relapse and Gadolinium-Enhanced MRI in Patients With Relapsing Remitting Multiple Sclerosis: A Study of the Composition of Extracellular Vesicles in Cerebrospinal Fluid. Front Cell Neurosci. 2018 Nov 15;12:418. doi: 10.3389/fncel.2018.00418. PMID: 30498433; PMCID: PMC6249419.

68. D'Amico E, Zanghì A, Callari G, Borriello G, Gallo A, Graziano G, Valentino P, Buccafusca M, Cottone S, Salemi G, Ragonese P, Bossio RB, Docimo R, Grimaldi LME, Pozzilli C, Tedeschi G, Zappia M, Patti F. Comparable efficacy and safety of dimethyl fumarate and teriflunomide treatment in Relapsing-Remitting Multiple Sclerosis: an Italian real-word multicenter experience. Ther Adv Neurol Disord. 2018 Sep 10;11:1756286418796404. doi: 10.1177/1756286418796404. PMID: 30210582; PMCID: PMC6131312.

69. Agnello L, Scazzone C, Lo Sasso B, Ragonese P, Milano S, Salemi G, Ciaccio M. CYP27A1, CYP24A1, and RXR-α Polymorphisms, Vitamin D, and Multiple Sclerosis: a Pilot Study. J Mol Neurosci. 2018 Sep;66(1):77-84. doi: 10.1007/s12031-018-1152-9. Epub 2018 Aug 7. PMID: 30088172.

70. Landi D, Ragonese P, Prosperini L, Nociti V, Haggiag S, Cortese A, Fantozzi

R, Pontecorvo S, Ferraro E, Buscarinu MC, Mataluni G, Monteleone F, Salvetti M, Di Battista G, Francia A, Millefiorini E, Gasperini C, Mirabella M, Salemi G, Boffa L, Pozzilli C, Centonze D, Marfia GA. Abortion induces reactivation of inflammation in relapsing-remitting multiple sclerosis. J Neurol Neurosurg Psychiatry. 2018 Dec;89(12):1272-1278. doi: 10.1136/jnnp-2018-318468. Epub 2018 Jul 3. PMID: 29970387.

71. Realmuto S, Dodich A, Meli R, Canessa N, Ragonese P, Salemi G, Cerami C. Moral Cognition and Multiple Sclerosis: A Neuropsychological Study. Arch Clin Neuropsychol. 2019 May 1;34(3):319-326. doi: 10.1093/arclin/acy047. PMID: 29850776.

72. Cosentino G, Gargano R, Bonura G, Realmuto S, Tocco E, Ragonese P, Gangitano M, Alfonsi E, Fierro B, Brighina F, Salemi G. Anodal tDCS of the swallowing motor cortex for treatment of dysphagia in multiple sclerosis: a pilot open-label study. Neurol Sci. 2018 Aug;39(8):1471-1473. doi: 10.1007/s10072-018-3443-x. Epub 2018 May 13. PMID: 29756180.

73. Tuttolomondo A, Colomba C, Di Bona D, Casuccio A, Di Raimondo D, Clemente G, Arnao V, Pecoraro R, Ragonese P, Aiello A, Accardi G, Maugeri R, Maida C, Simonetta I, Della Corte V, Iacopino DG, Caruso C, Cascio A, Pinto A; KIRIIND (KIR Infectious and Inflammatory Diseases) Collaborative Group. HLA and killer cell immunoglobulin-like receptor (KIRs) genotyping in patients with acute viral encephalitis. Oncotarget. 2018 Apr 3;9(25):17523-17532. doi: 10.18632/oncotarget.24778. PMID: 29707126; PMCID: PMC5915134.

74. Lanzillo R, Prosperini L, Gasperini C, Moccia M, Fantozzi R, Tortorella C, Nociti V, Annovazzi P, Cavalla P, Radaelli M, Malucchi S, Clerici VT, Boffa L, Buttari F, Ragonese P, Maniscalco GT, Di Filippo M, Buscarinu MC, Pinardi F, Gallo A, Coghe G, Pesci I, Laroni A, Gajofatto A, Calabrese M, Tomassini V, Cocco E, Solaro C; R.I.Re.MS study group. A multicentRE observational analysiS of PErsistenCe to Treatment in the new multiple sclerosis era: the RESPECT study. J Neurol. 2018 May;265(5):1174-1183. doi: 10.1007/s00415-018-8831-x. Epub 2018 Mar 16. PMID: 29549468.

75. Valentino F, Gentile L, Terruso V, Mastrilli S, Aridon P, Ragonese P, Sarno C, Savettieri G, D'Amelio M. Frequency and determinants for hemorrhagic transformation of posterior cerebral stroke : Posterior ischemic stroke and hemorrhagic transformation. BMC Res Notes. 2017 Nov 13;10(1):592. doi: 10.1186/s13104-017-2889-x. PMID: 29132407; PMCID: PMC5683579.

76. Scazzone C, Agnello L, Ragonese P, Lo Sasso B, Bellia C, Bivona G, Schillaci R, Salemi G, Ciaccio M. Association of CYP2R1 rs10766197 with MS risk and disease progression. J Neurosci Res. 2018 Feb;96(2):297-304. doi: 10.1002/jnr.24133. Epub 2017 Aug 23. PMID: 28834557.

77. Ragonese P, Aridon P, Vazzoler G, Mazzola MA, Lo Re V, Lo Re M, Realmuto S, Alessi S, D'Amelio M, Savettieri G, Salemi G. Association between multiple sclerosis, cancer risk, and immunosuppressant treatment: a cohort study. BMC Neurol. 2017 Aug 8;17(1):155. doi: 10.1186/s12883-017-0932-0. PMID: 28789625; PMCID: PMC5549380.

78. Ragonese P. Mortality studies for multiple sclerosis: still a useful tool to analyse long-term outcome. J Neurol Neurosurg Psychiatry. 2017 Aug;88(8):617. doi: 10.1136/jnnp-2017-315591. Epub 2017 Apr 28. PMID: 28455428.

79. Agnello L, Scazzone C, Lo Sasso B, Bellia C, Bivona G, Realmuto S, Brighina F, Schillaci R, Ragonese P, Salemi G, Ciaccio M. VDBP, CYP27B1, and 25-Hydroxyvitamin D Gene Polymorphism Analyses in a Group of Sicilian Multiple Sclerosis Patients. Biochem Genet. 2017 Apr;55(2):183-192. doi: 10.1007/s10528-016-9783-4. Epub 2016 Nov 30. PMID: 27904983.

80. Montanari E, Rottoli M, Maimone D, Confalonieri P, Plewnia K, Frigo M, Francia A, Pala A, Losignore NA, Ragonese P, Veneziano A; POSIDONIA study group. A 12-month prospective, observational study evaluating the impact of disease-modifying treatment on emotional burden in recently-diagnosed multiple sclerosis patients: The POSIDONIA study. J Neurol Sci. 2016 May 15;364:105-9. doi: 10.1016/j.jns.2016.02.047. Epub 2016 Feb 20. PMID: 27084226.

81. Lo Re M, Capobianco M, Ragonese P, Realmuto S, Malucchi S, Berchialla P, Salemi G, Bertolotto A. Natalizumab Discontinuation and Treatment Strategies in Patients with Multiple Sclerosis (MS): A Retrospective Study from Two Italian MS Centers. Neurol Ther. 2015 Dec;4(2):147-57. doi: 10.1007/s40120-015-0038-9. Epub 2015 Dec 8. PMID: 26647006; PMCID: PMC4685862.

82. Agnello L, Scazzone C, Ragonese P, Salemi G, Lo Sasso B, Schillaci R, Musso G, Bellia C, Ciaccio M. Vitamin D receptor polymorphisms and 25-hydroxyvitamin D in a group of Sicilian multiple sclerosis patients. Neurol Sci. 2016 Feb;37(2):261-7. doi: 10.1007/s10072-015-2401-0. Epub 2015 Oct 27. PMID: 26506927.

83. Colomba P, Fontana S, Salemi G, Barranca M, Lo Sicco C, Mazzola MA, Ragonese P, Savettieri G, De Leo G, Alessandro R, Duro G. Identification of biomarkers in cerebrospinal fluid and serum of multiple sclerosis patients by immunoproteomics approach. Int J Mol Sci. 2014 Dec 15;15(12):23269-82. doi: 10.3390/ijms151223269. PMID: 25517032; PMCID: PMC4284765.

84. Turturici G, Tinnirello R, Sconzo G, Asea A, Savettieri G, Ragonese P, Geraci F. Positive or negative involvement of heat shock proteins in multiple sclerosis pathogenesis: an overview. J Neuropathol Exp Neurol. 2014 Dec;73(12):1092-106. doi: 10.1097/NEN.0000000000000136. PMID: 25383635.

85. Frisullo G, Calabrese M, Tortorella C, Paolicelli D, Ragonese P, Annovazzi P, Radaelli M, Malucchi S, Gallo A, Tomassini V, Nociti V, D'Onghia M, Lo Re V, Rodegher M, Solaro C, Gasperini C. Thyroid autoimmunity and dysfunction in multiple sclerosis patients during long-term treatment with interferon beta or glatiramer acetate: an Italian multicenter study. Mult Scler. 2014 Aug;20(9):1265-8. doi: 10.1177/1352458514521311. Epub 2014 Feb 10. PMID: 24515732.

86. D'Amelio M, Terruso V, Famoso G, Di Benedetto N, Realmuto S, Valentino F, Ragonese P, Savettieri G, Aridon P. Early and late mortality of spontaneous hemorrhagic transformation of ischemic stroke. J Stroke Cerebrovasc Dis. 2014 Apr;23(4):649-54. doi: 10.1016/j.jstrokecerebrovasdis.2013.06.005. Epub 2013 Jul

5. PMID: 23834850.

87. Realmuto S, Cinturino A, Arnao V, Mazzola MA, Cupidi C, Aridon P, Ragonese P, Savettieri G, D'Amelio M. Tumor diagnosis preceding Alzheimer's disease onset: is there a link between cancer and Alzheimer's disease? J Alzheimers Dis. 2012;31(1):177-82. doi: 10.3233/JAD-2012-120184. PMID: 22531415.

88. Ragonese P, Cellura E, Aridon P, D'amelio M, Spataro R, Taiello AC, Maimone D, La Bella V, Savettieri G. Incidence of amyotrophic lateral sclerosis in Sicily: A population based study. Amyotroph Lateral Scler. 2012 May;13(3):284-7. doi: 10.3109/17482968.2012.662689. Epub 2012 Mar 13. PMID: 22409362.

89. Annovazzi P, Tomassini V, Bodini B, Boffa L, Calabrese M, Cocco E, Cordioli C, De Luca G, Frisullo G, Gallo A, Malucchi S, Paolicelli D, Pesci I, Radaelli M, Ragonese P, Roccatagliata L, Tortorella C, Vercellino M, Zipoli V, Gasperini C, Rodegher M, Solaro C. A cross-sectional, multicentre study of the therapeutic management of multiple sclerosis relapses in Italy. Neurol Sci. 2013 Feb;34(2):197-203. doi: 10.1007/s10072-012-0981-5. Epub 2012 Mar 11. PMID: 22407022.

90. Aridon P, Tarantino P, Ragonese P, D'Amelio M, Cinturino A, Salemi G, Gagliardi M, Lo Re V, Scarpitta A, Gambardella A, Quattrone A, Annesi G, Savettieri G. Dentatorubral-pallidoluysian atrophy: haplotype of Asian origin in 2 Italian families. Mov Disord. 2012 Mar;27(3):460-1. doi: 10.1002/mds.24027. Epub 2011 Nov 14. PMID: 22083836.

91. Martinelli V, Cocco E, Capra R, Salemi G, Gallo P, Capobianco M, Pesci I, Ghezzi A, Pozzilli C, Lugaresi A, Bellantonio P, Amato MP, Grimaldi LM, Trojano M, Mancardi GL, Bergamaschi R, Gasperini C, Rodegher M, Straffi L, Ponzio M, Comi G; Italian Mitoxantrone Group. Acute myeloid leukemia in Italian patients with multiple sclerosis treated with mitoxantrone. Neurology. 2011 Nov 22;77(21):1887-95. doi: 10.1212/WNL.0b013e318238ee00. Epub 2011 Nov 9. PMID: 22076543.

92. D'Amelio M, Terruso V, Famoso G, Ragonese P, Aridon P, Savettieri G. Cholesterol levels and risk of hemorrhagic transformation after acute ischemic stroke. Cerebrovasc Dis. 2011;32(3):234-8. doi: 10.1159/000329315. Epub 2011 Aug 23. PMID: 21860236.

93. Ragonese P, Aridon P, D'Amelio M, Aiello F, Antonietta Mazzola M, Realmuto S, Salemi G, Savettieri G. A population-based survey of cognitive performance in a Sicilian elderly community. Neuroepidemiology. 2011;36(3):169-76. doi: 10.1159/000326065. Epub 2011 May 5. PMID: 21546778.

94. Aridon P, Ragonese P, Mazzola MA, Quintini G, Lo Re M, Talamanca S, Terruso V, D'Amelio M, Savettieri G. Reversible posterior leukoencephalopathy syndrome in a patient with thrombotic thrombocytopenic purpura. Neurol Sci. 2011 Jun;32(3):469-72. doi: 10.1007/s10072-010-0465-4. Epub 2011 Jan 14. PMID: 21234778.

95. Palmeri B, Talamanca S, Ragonese P, Aridon P, Daniele O, Terruso V, D'Amelio M. MRI abnormalities following repeated and incoming seizures. Seizure. 2011

Jan;20(1):90-2. doi: 10.1016/j.seizure.2010.09.012. Epub 2010 Oct 12. PMID: 20943420.

96. Caramazza D, Quintini G, Abbene I, Coco LL, Malato A, Di Trapani R, Saccullo G, Pizzo G, Palazzolo R, Barone R, Mazzola G, Rizzo S, Ragonese P, Aridon P, Abbadessa V, Siragusa S. Rituximab for managing relapsing or refractory patients with idiopathic thrombotic thrombocytopenic purpura--haemolytic uraemic syndrome. Blood Transfus. 2010 Jul;8(3):203-10. doi: 10.2450/2009.0101-09. PMID: 20671883; PMCID: PMC2906191.

97. Caramazza D, Quintini G, Abbene I, Malato A, Saccullo G, Lo Coco L, Di Trapani R, Palazzolo R, Barone R, Mazzola G, Rizzo S, Ragonese P, Aridon P, Abbadessa V, Siragusa S. Relapsing or refractory idiopathic thrombotic thrombocytopenic purpura-hemolytic uremic syndrome: the role of rituximab. Transfusion. 2010 Dec;50(12):2753-60. doi: 10.1111/j.1537-2995.2010.02763.x. PMID: 20576013.

98. Salemi G, Gueli MC, Vitale F, Battaglieri F, Guglielmini E, Ragonese P, Trentacosti A, Massenti MF, Savettieri G, Bono A. Blood lipids, homocysteine, stress factors, and vitamins in clinically stable multiple sclerosis patients. Lipids Health Dis. 2010 Feb 18;9:19. doi: 10.1186/1476-511X-9-19. PMID: 20163740; PMCID: PMC2834681.

99. Proia P, Schiera G, Salemi G, Ragonese P, Savettieri G, Di Liegro I. Neuronal and BBB damage induced by sera from patients with secondary progressive multiple sclerosis. Int J Mol Med. 2009 Dec;24(6):743-7. doi: 10.3892/ijmm_00000287. PMID: 19885613.

100. Ragonese P, Aridon P, Mazzola MA, Callari G, Palmeri B, Famoso G, Terruso V, Salemi G, D'Amelio M, Savettieri G. Multiple sclerosis survival: a population-based study in Sicily. Eur J Neurol. 2010 Mar;17(3):391-7. doi: 10.1111/j.1468-1331.2009.02814.x. Epub 2009 Oct 23. PMID: 19863646.

101. Trojano M, Pellegrini F, Paolicelli D, Fuiani A, Zimatore GB, Tortorella C, Simone IL, Patti F, Ghezzi A, Zipoli V, Rossi P, Pozzilli C, Salemi G, Lugaresi A, Bergamaschi R, Millefiorini E, Clerico M, Lus G, Vianello M, Avolio C, Cavalla P, Lepore V, Livrea P, Comi G, Amato MP; Italian Multiple Sclerosis Database Network (MSDN) Group. Real-life impact of early interferon beta therapy in relapsing multiple sclerosis. Ann Neurol. 2009 Oct;66(4):513-20. doi: 10.1002/ana.21757. PMID: 19847899.

102. Aridon P, Ragonese P, Mazzola MA, Terruso V, Palermo A, D'Amelio M, Savettieri G. Leprosy: report of a case with severe peripheral neuropathy. Neurol Sci. 2010 Feb;31(1):75-7. doi: 10.1007/s10072-009-0152-5. Epub 2009 Oct 8. PMID: 19812892.

103. Aridon P, Ragonese P, Di Benedetto N, Grasso G, Conaldi PG, D'Amelio M, Savettieri G. Progressive necrotic encephalopathy following tacrolimus therapy for liver transplantation. Neurol Sci. 2009 Dec;30(6):527-9. doi: 10.1007/s10072-009-0149-0. Epub 2009 Sep 25. PMID: 19779798.

104. Terruso V, D'Amelio M, Di Benedetto N, Lupo I, Saia V, Famoso G, Mazzola

MA, Aridon P, Sarno C, Ragonese P, Savettieri G. Frequency and determinants for hemorrhagic transformation of cerebral infarction. Neuroepidemiology. 2009;33(3):261-5. doi: 10.1159/000229781. Epub 2009 Jul 27. PMID: 19641332.

105.   Salemi G, Gueli MC, D'Amelio M, Saia V, Mangiapane P, Aridon P, Ragonese P, Lupo I. Blood levels of homocysteine, cysteine, glutathione, folic acid, and vitamin B12 in the acute phase of atherothrombotic stroke. Neurol Sci. 2009 Aug;30(4):361-4. doi: 10.1007/s10072-009-0090-2. Epub 2009 May 30. PMID: 19484186.

106.   D'Amelio M, Ragonese P, Callari G, Di Benedetto N, Palmeri B, Terruso V, Salemi G, Famoso G, Aridon P, Savettieri G. Diabetes preceding Parkinson's disease onset. A case-control study. Parkinsonism Relat Disord. 2009 Nov;15(9):660-4. doi: 10.1016/j.parkreldis.2009.02.013. Epub 2009 Apr 7. PMID: 19356970.

107.   D'Amelio M, Ragonese P, Sconzo G, Aridon P, Savettieri G. Parkinson's disease and cancer: insights for pathogenesis from epidemiology . Ann N Y Acad Sci. 2009 Feb;1155:324-34. doi: 10.1111/j.1749-6632.2008.03681.x. PMID: 19250224.

108.   D'Amelio M, Terruso V, Palmeri B, Di Benedetto N, Famoso G, Cottone P, Aridon P, Ragonese P, Savettieri G. Predictors of caregiver burden in partners of patients with Parkinson's disease. Neurol Sci. 2009 Apr;30(2):171-4. doi: 10.1007/s10072-009-0024-z. Epub 2009 Feb 3. PMID: 19189044.

109.   Ragonese P, D'Amelio M, Callari G, Di Benedetto N, Palmeri B, Mazzola MA, Terruso V, Salemi G, Savettieri G, Aridon P. Body mass index does not change before Parkinson's disease onset. Eur J Neurol. 2008 Sep;15(9):965-8. doi: 10.1111/j.1468-1331.2008.02236.x. Epub 2008 Jul 14. PMID: 18637822.

110.   Savettieri G, Annesi G, Civitelli D, Cirò Candiano IC, Salemi G, Ragonese P, Annesi F, Tarantino P, Terruso V, D'Amelio M, Quattrone A. Identification of the novel D297fsX318 PINK1 mutation and phenotype variation in a family with early-onset Parkinson's disease. Parkinsonism Relat Disord. 2008 Aug;14(6):509-12. doi: 10.1016/j.parkreldis.2007.10.014. Epub 2008 Mar 7. PMID: 18329316.

111.   Ragonese P, Aridon P, Salemi G, D'Amelio M, Savettieri G. Mortality in multiple sclerosis: a review. Eur J Neurol. 2008 Feb;15(2):123-7. doi: 10.1111/j.1468-1331.2007.02019.x. PMID: 18217882.

112.   Ragonese P, D'Amelio M, Callari G, Aiello F, Morgante L, Savettieri G. Height as a potential indicator of early life events predicting Parkinson's disease: a case-control study. Mov Disord. 2007 Nov 15;22(15):2263-7. doi: 10.1002/mds.21728. PMID: 17853482.

113.   Fierro B, Brighina F, D'Amelio M, Daniele O, Lupo I, Ragonese P, Palermo A, Savettieri G. Motor intracortical inhibition in PD: L-DOPA modulation of high-frequency rTMS effects. Exp Brain Res. 2008 Feb;184(4):521-8. doi: 10.1007/s00221-007-1121-y. Epub 2007 Sep 8. PMID: 17828389.

114.   Aridon P, Ragonese P, De Fusco M, Salemi G, Casari G, Savettieri G. Further evidence of genetic heterogeneity in familial essential tremor. Parkinsonism Relat Disord. 2008;14(1):15-8. doi: 10.1016/j.parkreldis.2007.05.002. Epub 2007 Aug 20. PMID: 17703985.

115.   Tuttolomondo A, Pinto A, Salemi G, Di Raimondo D, Di Sciacca R, Fernandez P, Ragonese P, Savettieri G, Licata G. Diabetic and non-diabetic subjects with ischemic stroke: differences, subtype distribution and outcome. Nutr Metab Cardiovasc Dis. 2008 Feb;18(2):152-7. doi: 10.1016/j.numecd.2007.02.003. Epub 2007 Aug 16. PMID: 17702553.

116.   Aridon P, Ragonese P, De Fusco M, Lo Coco D, Salemi G, Casari G, Savettieri G. Autosomal dominant hereditary spastic paraplegia: report of a large Italian family with R581X spastin mutation. Neurol Sci. 2007 Aug;28(4):171-4. doi: 10.1007/s10072-007-0815-z. Epub 2007 Aug 10. PMID: 17690846.

117.   D'Amelio M, Di Benedetto N, Ragonese P, Daniele O, Brighina F, Fierro B, Savettieri G. Dropped head as an unusual presenting sign of myasthenia gravis. Neurol Sci. 2007 Apr;28(2):104-6. doi: 10.1007/s10072-007-0796-y. PMID: 17464475.

118.   Morgante L, Morgante F, Moro E, Epifanio A, Girlanda P, Ragonese P, Antonini A, Barone P, Bonuccelli U, Contarino MF, Capus L, Ceravolo MG, Marconi R, Ceravolo R, D'Amelio M, Savettieri G. How many parkinsonian patients are suitable candidates for deep brain stimulation of subthalamic nucleus? Results of a questionnaire. Parkinsonism Relat Disord. 2007 Dec;13(8):528-31. doi: 10.1016/j.parkreldis.2006.12.013. Epub 2007 Mar 7. PMID: 17347021.

119.   Ragonese P, D'Amelio M, Savettieri G. Implications for estrogens in Parkinson's disease: an epidemiological approach. Ann N Y Acad Sci. 2006 Nov;1089:373-82. doi: 10.1196/annals.1386.004. PMID: 17261781.

120.   Grimaldi LM, Palmeri B, Salemi G, Giglia G, D'Amelio M, Grimaldi R, Vitello G, Ragonese P, Savettieri G. High prevalence and fast rising incidence of multiple sclerosis in Caltanissetta, Sicily, southern Italy. Neuroepidemiology. 2007;28(1):28-32. doi: 10.1159/000097853. Epub 2006 Dec 8. PMID: 17164567.

121.   Ragonese P, D'Amelio M, Callari G, Salemi G, Morgante L, Savettieri G. Age at menopause predicts age at onset of Parkinson's disease. Mov Disord. 2006 Dec;21(12):2211-4. doi: 10.1002/mds.21127. PMID: 17029261.

122.   Forte GI, Ragonese P, Salemi G, Scola L, Candore G, D'Amelio M, Crivello A, Di Benedetto N, Nuzzo D, Giacalone A, Lio D, Caruso C. Search for genetic factors associated with susceptibility to multiple sclerosis. Ann N Y Acad Sci. 2006 May;1067:264-9. doi: 10.1196/annals.1354.034. PMID: 16803996.

123.   Annesi G, Savettieri G, Pugliese P, D'Amelio M, Tarantino P, Ragonese P, La Bella V, Piccoli T, Civitelli D, Annesi F, Fierro B, Piccoli F, Arabia G, Caracciolo M, Cirò Candiano IC, Quattrone A. DJ-1 mutations and parkinsonism-dementia-amyotrophic lateral sclerosis complex. Ann Neurol. 2005 Nov;58(5):803-7. doi: 10.1002/ana.20666. PMID: 16240358.

124.   D'Amelio M, Ragonese P, Morgante L, Reggio A, Callari G, Salemi G, Savettieri G. Long-term survival of Parkinson's disease: a population-based study. J Neurol. 2006 Jan;253(1):33-7. doi: 10.1007/s00415-005-0916-7. Epub 2005 Jul 18. PMID: 16021349.

125.   Ragonese P, Fierro B, Salemi G, Randisi G, Buffa D, D'Amelio M, Aloisio A, Savettieri G. Prevalence and risk factors of post-polio syndrome in a cohort of polio survivors. J Neurol Sci. 2005 Sep 15;236(1-2):31-5. doi: 10.1016/j.jns.2005.04.012. PMID: 16014307.

126.   D'Amelio M, Callari G, Gammino M, Saia V, Lupo I, Salemi G, Ragonese P, Savettieri G. Levetiracetam in the treatment of vascular chorea: a case report. Eur J Clin Pharmacol. 2005 Jan;60(11):835-6. doi: 10.1007/s00228-004-0842-0. Epub 2004 Dec 3. PMID: 15580486.

127.   Ragonese P, Salemi G, D'Amelio M, Gammino M, Aridon P, Savettieri G. Multiple sclerosis in southern Europe: Monreale City, Italy. A twenty-year follow-up incidence and prevalence study. Neuroepidemiology. 2004 Nov-Dec;23(6):306-9. doi: 10.1159/000080097. Epub 2004 Aug 6. PMID: 15297798.

128.   D'Amelio M, Ragonese P, Morgante L, Epifanio A, Callari G, Salemi G, Savettieri G. Tumor diagnosis preceding Parkinson's disease: a case-control study. Mov Disord. 2004 Jul;19(7):807-811. doi: 10.1002/mds.20123. PMID: 15254939.

129.   Ragonese P, D'Amelio M, Salemi G, Aridon P, Gammino M, Epifanio A, Morgante L, Savettieri G. Risk of Parkinson disease in women: effect of reproductive characteristics. Neurology. 2004 Jun 8;62(11):2010-4. doi: 10.1212/wnl.62.11.2010. PMID: 15184606.

130.   Salemi G, Callari G, Gammino M, Battaglieri F, Cammarata E, Cuccia G, D'Amelio M, Lupo I, Ragonese P, Savettieri G. The relapse rate of multiple sclerosis changes during pregnancy: a cohort study. Acta Neurol Scand. 2004 Jul;110(1):23-6. doi: 10.1111/j.1600-0404.2004.00270.x. PMID: 15180803.

131.   Ragonese P, Filippini G, Salemi G, Beghi E, Citterio A, D'Alessandro R, Marini C, Monsurrò MR, Aiello I, Morgante L, Tempestini A, Fratti C, Ragno M, Pugliatti M, Epifanio A, Testa D, Savettieri G. Accuracy of death certificates for amyotrophic lateral sclerosis varies significantly from north to south of Italy: implications for mortality studies. Neuroepidemiology. 2004 Jan-Apr;23(1-2):73-7. doi: 10.1159/000073978. PMID: 14739571.

132.   Ragonese P, Salemi G, Morgante L, Aridon P, Epifanio A, Buffa D, Scoppa F, Savettieri G. A case-control study on cigarette, alcohol, and coffee consumption preceding Parkinson's disease. Neuroepidemiology. 2003 Sep-Oct;22(5):297-304. doi: 10.1159/000071193. PMID: 12902625.

133.   Savettieri G, Cittadella R, Valentino P, Manna I, Andreoli V, La Russa A, La Porta G, Ruscica F, Ragonese P, Pirritano D, Bonavita S, Tedeschi G, Quattrone A. Lack of association between estrogen receptor 1 gene polymorphisms and multiple sclerosis in southern Italy in humans. Neurosci Lett. 2002 Jul 19;327(2):115-8. doi: 10.1016/s0304-3940(02)00410-x. PMID: 12098649.

134. Ragonese P, Salemi G, Aridon P, Conte S, Cuccia G, Lupo I, Savettieri G. Accuracy of death certificates for motor neuron disease and multiple sclerosis in the province of Palermo in southern Italy. Neuroepidemiology. 2002 May-Jun;21(3):148-52. doi: 10.1159/000054812. PMID: 12006778.

135. Savettieri G, Ragonese P, Aridon P, Salemi G. Epidemiology of multiple sclerosis in Sicily. Neurol Sci. 2001 Apr;22(2):175-7. doi: 10.1007/s100720170020. PMID: 11603623.

136. Salemi G, Ragonese P, Aridon P, Scola G, Saporito V, Conte S, Savettieri G. Incidence of multiple sclerosis in Bagheria City, Sicily, Italy. Neurol Sci. 2000 Dec;21(6):361-5. doi: 10.1007/s100720070051. PMID: 11441573.

137. Salemi G, Manfrè L, Monaco S, Angileri T, Aridon P, Pappalardo S, Ragonese P, Conte S, Savettieri G. Intravenous gammaglobulin treatment in chronic progressive multiple sclerosis. Ital J Neurol Sci. 1998 Oct;19(5):331-2. doi: 10.1007/BF00713862. PMID: 10933456.

138. Salemi G, Ragonese P, Aridon P, Reggio A, Nicoletti A, Buffa D, Conte S, Savettieri G. Is season of birth associated with multiple sclerosis? Acta Neurol Scand. 2000 Jun;101(6):381-3. doi: 10.1034/j.1600-0404.2000.90336.x. PMID: 10877153.

139. Morgante L, Salemi G, Meneghini F, Di Rosa AE, Epifanio A, Grigoletto F, Ragonese P, Patti F, Reggio A, Di Perri R, Savettieri G. Parkinson disease survival: a population-based study. Arch Neurol. 2000 Apr;57(4):507-12. doi: 10.1001/archneur.57.4.507. PMID: 10768625.

140. Savettieri G, Salemi G, Ragonese P, Aridon P, Scola G, Randisi G. Prevalence and incidence of multiple sclerosis in the city of Monreale, Italy. J Neurol. 1998 Jan;245(1):40-3. doi: 10.1007/s004150050172. PMID: 9457627.

141. Salemi G, Savettieri G, Meneghini F, Di Benedetto ME, Ragonese P, Morgante L, Reggio A, Patti F, Grigoletto F, Di Perri R. Prevalence of cervical spondylotic radiculopathy: a door-to-door survey in a Sicilian municipality. Acta Neurol Scand. 1996 Feb-Mar;93(2-3):184-8. doi: 10.1111/j.1600-0404.1996.tb00196.x. PMID: 8741140.

Palermo, 31 Maggio 2025

Paolo Ragonese

Paolo Ragonese