

Curriculum vitae e attività scientifica

Prof. CLAUDIO GASPERINI

Dati Anagrafici

Nato a Riano (Roma) il 2/2/1962.

Formazione

1982 Diploma di Maturità Scientifica conseguito presso il Liceo "G Piazzini" di Morlupo (Roma).

1989 Laurea in Medicina e Chirurgia presso l'Università degli Studi di Roma "La Sapienza", con votazione 110/110 e lode e tesi sperimentale su "Fattori Prognostici dell'Ictus in Fase Acuta", relatore Prof. Cesare Fieschi.

1989 Abilitazione all'esercizio della professione medica.

1992 Vincitore di borsa di studio della fondazione Cenci Bolognetti per progetto sul ruolo delle Heat shock proteins nella Sclerosi Multipla.

1993 Diploma di Specializzazione in Neurologia presso il Dipartimento di Neuroscienze dell'Università "La Sapienza di Roma" con votazione 70/70 e lode e tesi su "Studio controllato su potenziali fattori di rischio nella comparsa di esacerbazioni in pazienti affetti da Sclerosi Multipla".

1993 Vincitore di borsa di studio della Associazione Sclerosi Multipla Italiana per progetto di utilizzo di nuove tecniche quantitative di RMN nella SM

1991-2004 Docente di Neurologia Riabilitativa presso la scuola di Terapia della Riabilitazione dell'Ospedale Carlo Forlanini di Roma.

Dal 1996-98 Consulente Neurologo presso il Centro di Sclerosi Multipla dell'Ospedale S. Camillo reparto Lancisi.

1998 Titolo di Dottore di Ricerca presso il Dipartimento di Neuroscienze dell'Università "La Sapienza" di Roma.

Dal 1999 Dirigente Medico I Livello presso il Dipartimento di Neuroscienze Azienda Ospedaliera S Camillo Forlanini di Roma

1999 Coordinatore nel progetto di ricerca finanziato dalla Associazione Italiana Sclerosi Multipla: Effetto del trattamento con Interferon Beta sulla evoluzione della atrofia cerebrale in pazienti con SMRR.

2000 Master di Farmacoeconomia sanitaria presso L'Università Tor Vergata di Roma coordinato dal Prof Spandonaro

2001 Master di Management Sanitario presso L' Università "Luiss" di Roma

2000-2012 Coordinatore e Principal investigators di numerosi Trial clinici Nazionali ed Internazionali

2006-2008 Docente presso la II Facoltà della Scuola di Specializzazione in Neurologia dell'Ospedale S. Andrea Università La Sapienza Di Roma

Dal 2008 Docente presso la I Facoltà della Scuola di Specializzazione in Neurologia dell'Ospedale Policlinico Umberto I di Roma Università La Sapienza Di Roma

Dal 2008 Membro di una Task Force Europea per progetto Comunità Europea sulla ottimizzazione dell'uso della RMN nella Sclerosi Multipla

Dal 2009 Membro del Consiglio Direttivo Nazionale della Società dei Neurologi Ospedalieri (SNO)

Soggiorni all'estero ed incarichi internazionali

1993 Soggiorno di studio di un anno presso *The NMR research group of Multiple Sclerosis* - Institute of Neurology - National Hospital of London diretto dal Prof. Ian McDonald.

1996-2012 Membro di un gruppo di ricerca della Comunità Europea nell'ambito di studi multicentrici sulla ottimizzazione dell'uso della RMN nella Sclerosi Multipla (MAGNIMS).

1998 Membro di una Task Force Europa-Stati Uniti sull'uso della RMN nella Sclerosi multipla.

2000-2012 Principal investigators di numerosi Trial clinici di Fase II e III Internazionali

2009-2012 Referee di riviste scientifiche internazionali quali: Multiple Sclerosis, European Journal of neurology, Expert opinion in Neurology.

ATTIVITA' SCIENTIFICA

L'attività scientifica del dott. Gasperini è documentata da oltre 150 pubblicazioni a carattere di stampa. (libri, abstract, articoli)

Di queste 105 pubblicate su riviste straniere con elevato impact factor

Relatore in numerosi congressi nazionali ed internazionali.

Particolari campi di interesse riguardano lo studio della malattie cerebrovascolari, degenerative e della sclerosi multipla.

Per quanto riguarda le malattie cerebrovascolari, particolare attenzione è stata rivolta agli aspetti terapeutici e radiologici e alle conseguenti implicazioni prognostiche.

Nella sclerosi multipla importanza è stata rivolta alla valutazione epidemiologica, diagnostica e terapeutica della malattia. Inoltre è stato approfondito l'aspetto patogenetico della storia naturale della malattia utilizzando tecniche qualitative e quantitative di RMN.

Il dott. Gasperini ha inoltre partecipato a numerosi Convegni Nazionali e Internazionali ed è stato principal investigator di numerosi trias clinici nazionali ed internazionali

Collaborazioni Scientifiche con l'Italia e con l'Estero

- The NMR research group of Multiple Sclerosis - Institute of Neurology - National Hospital of London diretto dal Prof. Ian McDonald .
- The Neurologische Universitatas-Poliklinik und Abteilung Neuroradiologie, Kantonsspital, Basel, Switzerland diretto dal Prof Kappos.
- The Afdeling Radiodiagnostiek, Vrje Universiteit, Amsterdam, The Netherlands diretto dal Dr Barkhof.
- Dipartimento di neurologia Ospedale S Raffaele di Milano diretto dal Prof Comi.
- Universita' La Sapienza di Roma
- Universita' Pavia
- Università Genova

SELECTED PAPERS

1991

1. **Gasperini C**, Pozzilli C, Bernardi S. Irreversible total blindness in Multiple Sclerosis. Italian Journal of Neurological Sciences. 1991;12:329

1993

2. Pozzilli C, **Gasperini C**, Anzini A, Grasso MG, Ristori G, Fieschi C. Anatomical and Functional correlates of cognitive deficit in Multiple Sclerosis. J. Neurol. Sci. 115 .S55-S58, 1993.

1994

3. Bastianello S, Pozzilli C, D'Andrea F, Millefiorini E, Trojano M, Morino S, **Gasperini C**, Bozzao A, Gallucci M, Andreula C, Bozzao L, Gambi D, Prencipe M. A controlled trial of Mitoxantrone in Multiple Sclerosis: Serial MRI evaluation at one year. Can. J. Neurol. Sci. 1994; 21:266-270.

4. Fieschi C, **Gasparini C**, Ristori G, Bastianello S, Girmenia F, Leuzzi V, Buttinelli C, Pozzilli C, Rasura M. Diagnostic problems in "clinically definite" multiple sclerosis patients with normal CSF and multiple MRI abnormalities. European Journal of Neurology 1994; 1:127-133.

1995

5. De Castro S, Cartoni D, Millefiorini E, Funaro S, **Gasparini C**, Morino S, Tallarico D, Beni S. Non-invasive assessment of Mitoxantrone cardiotoxicity in relapsing remitting Multiple Sclerosis. J. of Clinical Pharmacology 1995; 35: 627-632.

6. Fieschi C, **Gasparini C**, Ristori G, Bastianello S, Girmenia F, Leuzzi V, Buttinelli C, Rasura M. Patients with clinically definite multiple sclerosis, white matter abnormalities on MRI, and normal CSF: if not multiple sclerosis, what is it? J. of Neurol, Neurosurg. and Psychiatry. 1995; 58 (2): 255-256.

7. **Gasparini C**, Grasso MG, Fiorelli M, Millefiorini E, Morino S, Anzini A, Colleluori A, Salvetti M, Buttinelli C, Pozzilli C. A controlled study of potential risk factors preceding exacerbation in Multiple Sclerosis. J. of Neurol, Neurosurg. and Psychiatry. 1995; 59:303-305.

8. Pozzilli C, Bastianello S, Koudriavtseva T, **Gasparini C**, Bozzao A, Galgani S, Paolillo A, Millefiorini E, Buttinelli C, Pierciaccante G, Piazza G, Bozzao L, Fieschi C. Human recombinant interferon beta (rebif) in the treatment of relapsing-remitting multiple sclerosis. Multiple Sclerosis 1995 1, S28-S31.

1996

9. Koudriavtseva T, Pozzilli C, De Biasi C, Iannilli M, Trasimeni G, **Gasparini C**, Argentino C, Gualdi GF. High dose contrast-enhanced MRI in multiple sclerosis. Neuroradiology 1996, 38:S5-S9.

10. **Gasparini C**, Bastianello S, Ristori G, Paolillo A, Giugni E, Colonnese C, Fieschi C, Bozzao L. MRI in the differential diagnosis of multiple sclerosis without CSF abnormalities. International Journal of Neuroradiology; 1996; 2:117-122.

11. **Gasparini C**, Horsfield MA, Thorpe J, Kidd D, Barkers GJ, Tofts PS, MacManus DG, Thompson AJ, Miller DH, McDonald WI. MRI Texture in normal appearing white matter of MS patients: relationship to other quantitative MRI and clinical parameters. JMRI 1996; 6:580-584.

12. Pozzilli C, Bastianello S, Koudriavtseva T, **Gasparini C**, Bozzao A, Millefiorini E, Galgani S, Buttinelli C, Pierciaccante G, Piazza G, Bozzao L, Fieschi C. Magnetic resonance imaging and clinical activity before and after treatment with human recombinant beta interferon: a short term study in relapsing remitting multiple sclerosis. J. of Neurol, Neurosurg. and Psychiatry. 1996; 61:251-258.

1997

13. **Gasparini C**, Pozzilli C, Bastianello S, Koudriavtseva T, Thompson AJ, Horsfield MA, Colleluori A, Millefiorini E, Piazza G, Bozzao L, Fieschi C. The influence of clinical relapse

and steroid therapy on development of Gd-enhancing lesions: a longitudinal MRI study in relapsing remitting multiple sclerosis. Acta Neurol Scand 1997; 95:201-207.

14. Koudriavtseva T, Thompson AJ, Fiorelli M, **Gasperini C**, Bastianello S, Paolillo A, Pisani A, Bozzao A, Galgani S, Pozzilli C. Gd-enhanced baseline MRI predicts clinical and MRI disease activity in relapsing remitting multiple sclerosis. J. of Neurol, Neurosurg. and Psychiatry. 1997; 62:285-287.

15. E Millefiorini, **C Gasperini**, C Pozzilli, F D'Andrea, S Bastianello, M Trojano, S Morino, V Bresia Morra, A Bozzao, A Calo', ML Bernini, D Gambi, M Prencipe. Randomized double-blind placebo controlled trial of Mitoxantrone in relapsing remitting multiple sclerosis: 24 month clinical and MRI results. J of Neurology 1997; 244: 153-159.

16. S Bastianello, A Bozzao, A Paolillo, E Giugni, **C Gasperini**, T Koudriavtseva, E Millefiorini, MA Horsfield, C Colonnese, D Toni, M Fiorelli, C Pozzilli, L Bozzao. Fast Spin-echo and Fast Flair sequences versus conventional spin echo for quantification of multiple sclerosis. AJMR 1997; 18: 699-704.

17. F Giubilei, S Bastianello, A Paolillo, **C Gasperini**, et al. Quantitative magnetic resonance analysis in vascular dementia. J of Neurology 1997; 244: 246-251.

18. E Giugni, C Pozzilli, S Bastianello, **C Gasperini**, A Paolillo, T Koudriavtseva, M Frontoni, D Farina, L Bozzao. MRI measure and their relations with clinical disability in relapsing remitting and secondary progressive multiple sclerosis. Multiple Sclerosis 1997; 3: 221-225.

19. M Filippi, JH Waesberghe, MA Horsfield, S Bressi, **C Gasperini**, TA Yoursry, ML Gawne-Cain, SP Morrissey, MA Rocca, F Barkhof, GJ Lycklama A Nijeholt, S Bastianello, DH Miller. Interscanner variation in brain MRI lesion load measurements in MS: Implications for clinical trials. Neurology 1997; 49: 371-377.

20. **C. Gasperini**. Differential diagnosis in Multiple Sclerosis. Int. MS Journal. 1997 Vol. 4 No 1.

21. C Colosimo, C Pozzilli, M Frontoni, D Farina, T Koudriavtseva, **C Gasperini**, M Salvetti, G Valesini. No increase of serum autoantibodies during therapy with recombinant human interferon Beta 1a in relapsing remitting multiple sclerosis. Acta Neurol Scand. 1997. 96: 372-374.

22. Giubilei F, Sarrantonio A, Tisei P, **Gasperini C**, Salvetti M. Four-year follow-up of a case of acute multiple sclerosis of the Marburg type. Ital. J. Neurol. Sci. 1997; 18: 163-166.

1998

23. **C Gasperini**, C Pozzilli, S Bastianello, T Koudriavtseva, S Galgani, E Millefiorini, A Paolillo, MA Horsfield, L Bozzao, C Fieschi. Effect of steroids on Gd-enhancing lesions before and during recombinant beta interferon 1a treatment in relapsing remitting multiple sclerosis. Neurology 1998; 50 (2): 403-405.

24. G Antonelli, F Bagnato, C Pozzilli, E Simeoni, S Bastianello, M Currenti, C Fieschi, **C Gasperini**, M Salvetti, F Dianzani. Development of Neutralizing Antibodies in patients with

Relapsing Remitting Multiple Sclerosis treated with Interferon Beta 1a. J Interferon Research 1998 in press.

25. G Ristori, F Laurenti, P Stacchini, **C Gasperini**, C Buttinelli, C Pozzilli, M Salvetti. Serum Amyloid A protein is elevated in Relapsing Remitting Multiple Sclerosis. J Neuroimmunology 1998 in press
26. T Koudriavtseva, C Pozzilli, M Fiorelli, C Gasperini, F Bagnato, S Galgani, M Frontoni, O Ciccarelli, S Bastianello. Determinants of Gd-enhanced MRI response to IFNB 1a treatment in relapsing remitting multiple sclerosis. Multiple Sclerosis 1998 in press.
- 27 M Filippi, ML Gawne-Cain, **C Gasperini**, JH van Waesberghe, J Grimaud, H Ader, F Barkhof, MP Sormani, DH Miller. The effect of training and different measurement strategies on the reproducibility of brain MRI lesion load measurements in multiple sclerosis. Neurology 1998 50: 230-237.
28. PD Molineaux, M Filippi, F Barkhof, **C Gasperini**, T Yousry, L Truyen HM Lai, MA Rocca, OF Moseley, DH Miller. Correlation between monthly enhanced MRI lesion rate and changes in T2 lesion volume in multiple sclerosis: a multicentre longitudinal study. Ann Neurol 1998 43 (3): 332-339
29. M Filippi, G Mastronardo, S Bastianello, MA Rocca, M Rovais, **C Gasperini**, C Pozzilli, G Comi. A longitudinal brain MRI study comparing the sensitivities of the conventional and a newer approach for detecting active lesions in multiple sclerosis. J Neurol Sciences 1998
30. M Filippi, M Rovaris, R Capra, **C Gasperini**, TA Yousry, MP Sormani, F Prandini, V Martinelli, S Bastianello, I Kuhne, C Pozzilli, G Comi. A multicentre longitudinal study comparing the sensitivity of monthly enhanced MRI after standard and triple dose gadolinium-DTPA for monitoring disease activity in multiple sclerosis: implications for phase II clinical trials. Brain
31. M Filippi, M Rovaris, **C Gasperini**, R Capra, S Bastianello, I Kuhne, TA Yousry. A preliminary study comparing the sensitivity of serial monthly enhanced MRI after standard and triple dose gadolinium-DTPA for monitoring disease activity in primary progressive multiple sclerosis. Journal of Neuroimaging 1998; 8 (2): 88: 93.
32. S Bastianello, **C Gasperini**, A Paolillo, E Giugni, O Ciccarelli, MP Sormani, M Rovaris, C Pozzilli, M Filippi. A longitudinal study evaluating the sensitivity of enhanced MR in multiple sclerosis: effect of gadolinium dose and magnetization transfer contrast. AJMR 1998
33. C Pozzilli, S Bastianello, **C Gasperini**, M Salvetti. Frequency and significance of antinuclear antibodies in multiple sclerosis. Neurology 1998.
34. M Filippi, G Mastronardo, MA Rocca, R Capra, **C Gasperini**, M Rovaris, S Bastianello, G Comi. Detecting new lesion formation in multiple sclerosis: the relative contributions of monthly dual-echo and T1 weighted scans after triple dose gadolinium. European Neurology 1998,
35. M Rovaris, G Matronardo, **C Gasperini**, F Prandini, TA Yousry, M Filippi. MRI evolution

of new MS lesions enhancing after different doses of gadolinium. Acta Neurol Scand 1998

1999

36. A Paolillo, S Bastianello, M Frontoni, **C Gasperini**, E Giugni, O Ciccarelli, F Bagnato, T Koudriatseva, C Pozzilli. Magnetic resonance imaging outcome of new enhancing lesions in multiple sclerosis patients treated with rIFN β 1a. J of Neurology 1999; 246 (6):443-8.
37. M Filippi, M Rovaris, S Bastianello, **C Gasperini**, D Origi, P Reganati, C Pozzilli, G Comi. A comparison of the sensitivity of monthly unenhanced and enhanced MRI techniques in detecting new multiple sclerosis lesions. J of Neurology 1999; 246 (2): 97-106
38. Sormani MP, Bruzzi P, Miller DH, **Gasperini C**, Barkhof F, Filippi M. Modelling MRI enhancing lesion counts in multiple sclerosis using a negative binomial model: implications for clinical trials. J Neurol Sci 1999; 163 (1):74-80.
39. Kappos L, Moeri D, Radue EW, Schoetzau A, Schwikert K, Barkhof F, Miller DH, Guttmann CR, Weiner HL, **Gasperini C**, Filippi M. Predictive value of gadolinium enhanced magnetic resonance imaging for relapse rate and changes in disability or impairment in multiple sclerosis: a meta analysis. Gadolinium MRI Meta-analysis Group. Lancet 1999; 353 (9157): 964-9.
40. Sormani MP, Molineux PD, **Gasperini C**, Barkhof F, Yousry TA, Miller DH, Filippi M. Statistical power of MRI monitored trials in multiple sclerosis: new data and comparison with previous results. J Neurol Neurosurg Psychiatry 1999; 66 (4): 465-9
41. Poggi A, Zocchi MR, Costa P, Ferrero E, Borsellino G, Placido R, Galgani S, Salvetti M, **Gasperini C**, Ristori G, Brosnan CF, Battistini L. IL-12 mediated NKRP1A up-regulation and consequent enhancement of endothelial transmigration of V delta 2+ TCR gamma delta+ T lymphocytes from healthy donors and multiple sclerosis patients. J Immunol 1999; 162 (7): 4349-54.
42. Mainero C, Faroni J, **Gasperini C**, Filippi M, Giugni E, Ciccarelli O, Rovaris M, Bastianello S, Comi G, Pozzilli C. Fatigue and magnetic resonance imaging activity in multiple sclerosis. J Neurol 1999; 246 (6): 454-8.
43. Ciccarelli O, Giugni E, Paolillo A, Mainero C, **Gasperini C**, Bastianello S, Pozzilli C. Magnetic resonance outcome of new enhancing lesions in patients with relapsing remitting multiple sclerosis. Eur J Neurol 1999; 6 (4): 455-9.
44. Filippi M, Rovaris M, Capra R, **Gasperini C**, Prandini F, Martinelli V, Horfield MA, Bastianello S, Sormani MP, Pozzilli C, Comi G. Interferon beta treatment for multiple sclerosis has a graduated effect on MRI enhancing lesions according to their size and pathology. J Neurol Neurosurg Psychiatry 1999; 67 (3): 386-9
45. Tortorella C, Codella M, Rocca MA, **Gasperini C**, Capra R, Bastianello S, Filippi M. Disease activity in multiple sclerosis studied by weekly triple dose magnetic resonance imaging. J Neurol 1999; 246 (8): 689-92.
46. Ristori G, Montesperelli C, **Gasperini C**, Battistini L, Borsellino G, Buttinelli C, Cannoni

S, Perna A, Pozzilli C, Salvetti M. T cell response to myelin basic protein before and after treatment with interferon beta in multiple sclerosis. J Neuroimmunol 1999; 99 (1):91-6.

47. Antonelli G, Simeoni E, Bagnato F, Pozzilli C, Turriziani O, Tesoro R, Di Marco P, **Gasperini C**, Fieschi C, Dianzani F. Further study on the specificity and incidence of neutralizing antibodies to interferon (IFN) in relapsing remitting multiple sclerosis patients treated with IFN beta-1a or IFN beta -1b. J Neurol Sci. 1999; 168 (2): 131-6.

48. Rovaris M, Barkhof F, Bastianello S, **Gasperini C**, Tubridy N, Yousry TA, Sormani MP, Viti B, Miller DH, Filippi M. Multiple sclerosis: interobserver agreement in reporting active lesions on serial brain MRI using conventional spin echo, fast spin echo, fast fluid-attenuated inversion recovery and post-contrast T1-weighted images. J Neurol 1999; (10):920-5.

49. **Gasperini C**, Pozzilli C, Bastianello S, Giugni E, Horsfield MA, Koudriavtseva T, Galgani S, Paolillo A, Haggiag S, Millefiorini E, Fieschi C. Interferon Beta 1a in relapsing-remitting multiple sclerosis: effect on hypointense lesion volume on T1 weighted images. J Neurol Neurosurg Psychiatry 1999; 67 (5): 579-84

50. Rovaris M, Capra R, Martinelli V, **Gasperini C**, Prandini F, Pozzilli C, Comi G, Filippi M. Cumulative effect of weekly low dose of interferon beta 1a on standard and triple dose contrast enhanced MRI from multiple sclerosis patients. J Neurol Sci 1999; 171 (2): 130-4.

51. Filippi M, Rocca MA, **Gasperini C**, Sormani MP, Bastianello S, Horsfield MA, Pozzilli C, Comi G. Interscanner variation in brain MR lesion load measurement in multiple sclerosis using conventional spin-echo rapid relaxation-enhanced, and fast FLAIR sequences. AJNR. 1999; 20 (1):133-7.

2000

52. Bagnato F, Tancredi A, Richert N, **Gasperini C**, Bastianello S, Bash C, McFarland H, Pozzilli C, Frank JA. Contrast-enhanced magnetic resonance activity in relapsing remitting multiple sclerosis patients: a short term natural history study. Multiple Sclerosis 2000; 6(1):43-9.

53. Molyneaux PD, Miller DH, Filippi M, Yousry T, Kappos L, **Gasperini C**, Ader HJ, Barkhoff F. The use of magnetic resonance imaging in multiple sclerosis treatment trials: power calculations for annual lesion load measurement. J Neurol. 2000; 247(1): 34-40.

54. Paolillo A, Pozzilli C, **Gasperini C**, Giugni E, Mainero C, Giuliani S, Tomassini V, Millefiorini E, Bastianello S. Brain atrophy in relapsing remitting multiple sclerosis: relationship with "black holes", disease duration and clinical disability. J Neurol Sci. 2000; 174(2): 85-91.

55. Borsellino G, Koul O, Placido R, Tramonti D, Luchetti D, Galgani S, Salvetti M, **Gasperini C**, Ristori G, Bonetti B, Bach S, Cipriani B, Battistini L. Evidence for a role of gamma delta T cells in demyelinating diseases as determined by activation states and response of lipid antigens. J Neuroimmunology 2000; 107(2): 124-9.

56. Bastianello S, Paolillo A, Giugni E, Giuliani S, Evangelisti G, Luccichenti G, Angeloni U, Colonnese C, Salvetti M, **Gasperini C**, Pozzilli C, Fieschi C.

MRI of spinal cord in MS. J Neurovirol 2000; Suppl 2: S130-3.

57. Ciccarelli O, Bagnato F, Mainero C, Salvetti M, Paolillo A, **Gasperini C**, Bastianello S, Pozzilli C. Antinuclear antibodies and responses to IFN beta-1a treatment in relapsing remitting multiple sclerosis. Mult. Scler. 2000; 6(3): 137-9.

58. Gasperini C, Paolillo A, Rovaris M, Yousry TA, Capra R, Bastianello S, Filippi M. A comparison of the sensitivity of MRI after double-triple dose Gd-DTPA for detecting enhancing lesions in multiple sclerosis. Magn Reson Imaging 2000; 18(6): 761-3.

59. Ristori G, Giubilei F, Giunti D, Perna A, **Gasperini C**, Buttinelli C, Salvetti M, Uccelli A. Myelin basic protein intramolecular spreading without progression in a patient with multiple sclerosis. J Neuroimmunology. 2000; 110(1-2): 240-3.

60. Yousry I, Filippi M, Walther E, **Gasperini C**, Capra R, Yousry TA. Serial gadolinium DTPA of spinal cord MRI in multiple sclerosis: triple vs single dose. Magn Reson Imaging. 2000; 18(9): 1183-6.

2001

61. Gasperini C, Rovaris M, Sormani MP, Bastianello S, Pozzilli C, Comi G, Filippi M. Intra-observer inter-observer and inter-scanner variations in brain MRI volume measurements in multiple sclerosis. Mult Scler 2000; 7(1):27-31

62. Solaro C, Uccelli MM, Brichetto G, **Gasperini C**, Mancardi G. Topimarate relieves idiopathic and symptomatic trigeminal neuralgia. J Pain Symptom Manage 2001; 21(5):367-8.

63. Gasperini C.

Differential diagnosis in multiple sclerosis. Neurol Scien. 2001; 22:93-7.

2002

64. Pozzilli C, Antonini G, Bagnato F, Mainero C, Tomasini V, Onesti E, Fantozzi R, Galgani S, Pasqualetti P, Millefiorini E, Spadaro M, Dalkhe F, **Gasperini C**. Monthly corticosteroids decrease neutralizing antibodies to interferon beta 1b: a randomized trial in multiple sclerosis. J Neurol 2002; 249:50-56.

65. Gasperini C, Paolillo A, Giugni E, Galgani S, Bagnato F, Mainero C, Onesti E, Bastianello S, Pozzilli C. MRI brain volume changes in relapsing multiple sclerosis patients treated with Interferon Beta 1a. Mult Scler. 2002; 8(2): 119-23.

66. Bagnato F, Pozzilli C, Scagnolari C, Bellomi F, Pasqualetti P, **Gasperini C**, Millefiorini E, Galgani S, Spadaro M, Antonelli G. A one year study on the pharmacodynamic profile of Interferon Beta 1a in MS. Neurology 2002; 58(9):1409-11.

67. Giannelli G, De Marzo A, Scagnolari C, Bergamini C, Fransvea E, Bagnato F, Bellomi F, Millefiorini E, **Gasperini C**, Antonaci S, Antonelli G. Proteolytic blance in patients with multiple sclerosis durino Interferon Beta treatment. J Interferon Cytokine Res. 2002; 22(6):689-92.

68. Pozzilli C, Brunetti M, Amicosante AM, **Gasparini C**, Ristori G, Palmisano L, Battaglia M. Home based management multiple sclerosis: results of a randomised controlled trial. J Neurol, Neurosurg, Psychiatry 2002; 73(3):250-5.

69. Paolillo A, Pozzilli C, Giugni E, Tomassini V, **Gasparini C**, Fiorelli M, Maniero C, Horsfield M, Galgani S, Bastianello S, Pozzilli C. A 6 years clinical and MRI follow-up study of patients with relapsing remitting MS treated with Interferon Beta. Eur. J Neurol 2002; 9(6): 645-55.

2003

70. Pozzilli C, Tomassini V, Marinelli F, Paolillo A, **Gasparini C**, Bastianello S. 'Gender gap' in multiple sclerosis: magnetic resonance imaging evidence. Eur J Neurol 2003; 10(1):95-7

71. Battistini L, Piccio L, Rossi B, Bach S, Galgani S, **Gasparini C**, Ottoboni L, Ciabibi D, Caramia MD, Bernardi G, Laudanna C, Scarpini E, McEver RP, Butcher EC, Borsellino G, Constantin G. CD8+ T cells from patients with acute multiple sclerosis displays selective increase of adhesiveness in brain venules: a critical role for P-selectin glycoprotein ligand-1. Blood 2003; 101: 4775-82.

72. Bellomi F, Scagnolari C, Tomassini V, **Gasparini C**, Paolillo A, Pozzilli C, Antonelli G. Fate of neutralizing and binding antibodies to IFN beta in MS patients treated with IFN beta for 6 years. J Neurol. Sci. 2003; 215:3-8.

2004

73. Pozzilli C, Palmisano L, Mainero C, Tomassini V, Marinelli F, Ristori G, **Gasparini C**, Fabiani M, Battaglia MA. Relationship between emotion di stress in caregivers and health status in person with MS. Mult Scler. 2004; 10: 442-6.

74. Solaro C, Bricchetto G, Amato MP, Cocco E, Colombo B, D'Aleo G, **Gasparini C**, Ghezzi A, Martinelli V, Milanese C, Patti F, Trojano M, Verdun E, Mancardi GL, PaIMS study group. The prevalence of pain in multiple sclerosis: a multicenter cross-sectional study. Neurology 2004;14:919-21.

2005

75. Lolli F, Mazzanti B, Pazzagli M, Peroni E, Alcaro MC, Sabatino G, Lanzillo R, Brescia Morra V, Santoro L, **Gasparini C**, Galgani S, D'Elia MM, Zipoli V, Sotgiu S, Pugliatti M, Rovero P, Chelli M, Papini AM. The glycopeptide CSF114 (GLc) detects serum antibodies in multiple sclerosis. J Neuroimmunol. 2005; 167 (1-2):131-7

2006

76. Tomassini V, Paolillo A, Russo P, Prosperini L, **Gasparini C**, Antonelli G, Bastianello S, Pozzilli C. Predictors of long-term clinical response to interferon beta therapy in relapsing multiple sclerosis. J Neurol. 2006 ; 253 (3): 287-93

2007

77. Bodini B, Mandarelli G, Tomassini V, Tarsitani L, Pestalozza I, **Gasparini C**, Lenzi GL, Cancheri P, Pozzilli C. Alexithymia in multiple sclerosis: relationship with fatigue and depression. Acta Neurol Scand. 2007: Dec 19.

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