

## **Segreteria Sin**

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**Da:** c.gasperini <c.gasperini@omceoromapec.it>  
**Inviato:** domenica 16 aprile 2023 13:00  
**A:** info@neuro.it  
**Oggetto:** Candidatura Gasperini GDS Sclerosi Multipla della SIN  
**Allegati:** CV claudio gasperini english aprile 2023 .pdf; Programma Gasperini.pdf

Gentilissimi,  
con la presente si invia documentazione di supporto per la mia candidatura a  
Coordinatore del Gruppo di Studio Sclerosi Multipla della SIN per il biennio 2023-2025  
In allegato:

1. CV
2. programma di attività

Cordialmente  
Claudio Gasperini

## **CURRICULUM VITAE AND SCIENTIFIC ACTIVITIES CLAUDIO GASPERINI**

### **PERSONAL DATA**

Birth date: 02/02/1962

Place of birth: Riano (Rome), Italy

Address: Via Giuseppe Ferrari, 4 - 00195 Rome

### **EDUCATION**

**1982** - School-leaving certificate achieved in "G. Piazzi" secondary school of Morlupo (Rome).

**1989** - Degree in Medicine and Surgery achieved in University "La Sapienza" of Rome, with the results of 110/110 *cum laude* presenting the results of an original research with the following title "Fattori Prognostici dell'Ictus in Fase Acuta", supervisor Prof. Cesare Fieschi.

**1989** - Qualification to practice of medical profession.

**1992** - Winner of a fellowship of the "Cenci Bolognetti" Foundation due to a project on the role of Heat shock proteins in Multiple Sclerosis.

**1993** - Specialization Certificate in Neurology achieved in the Neuroscience Department of the University "La Sapienza" - Rome, with the results of 70/70 *cum laude* and thesis about "Studio controllato su potenziali fattori di rischio nella comparsa di esacerbazioni in pazienti affetti da Sclerosi Multipla".

**1993.** Winner of a fellowship of the "Multiple Sclerosis Italian Association (AISM)" due to a project on the employment of new MRI quantitative techniques RMN in MS.

**1991-2002** - Teaching of Rehabilitative Neurology in the Therapy of Rehabilitation School of Carlo Forlanini Hospital in Rome.

**From 1996 to 98** - Consulting Neurologist in Multiple Sclerosis Center of S. Camillo Hospital in Rome, Lancisi Division.

**1998** - Title of "Research Doctor" in Neuroscience Department of University "La Sapienza" - Rome.

**From 3.2.2104** National Academic qualification as Associate Professor in Neurology (MED 26) by National competition. (<https://loginmiur.cineca.it>)

**From 1 28.3.2017** National Academic qualification as Full Professor in Neurology (MED 26) by

National competition (<https://loginmiur.cineca.it>)

**WORK AND SCIENTIFIC EXPERIENCE**

Registration Number in the register of Medical Doctors: 41017

**From 1993** Member of the Italian neurological Society (SIN)

**1999** - Coordinator of the following research project sponsored by “Multiple Sclerosis Italian Association (AISM) ”: Effetto del trattamento con Interferon Beta sull’evoluzione dell’atrofia cerebrale in pazienti con SMRR.

**2000** - Member of the Coordinator Scientific Committee of an Italian Multicentric Trial on the efficacy of a treatment association of Interferon Beta plus Methylprednisolone vs Interferon Beta alone in patients affected by Secondary Progressive Multiple Sclerosis-

**2001** - Coordinator in the following research project sponsored by “Multiple Sclerosis Italian Association (AISM)” Correlazione tra RMN e markers immunologici.

**2000 - 2022:** Principal investigator of several Phase II e III clinical trials evaluating the effect of new treatments in Multiple Sclerosis according GCP

**From 1999 to 2019** - 1<sup>st</sup> Level Medical Manager in Neuroscience Department of Azienda Ospedaliera S. Camillo Forlanini Rome. Neurological Department of Azienda Ospedaliera San Camillo Forlanini – Circonvallazione Gianicolense 87 00152 Roma Italy

**From 2006** Teacher of Neurology in S. Andrea Hospital University La Sapienza of Rome

**2009-2015** Member of the Steering Committee in the Italian Society of Neurology, Neuroradiology and Neurosurgery (SNO)

**2009-2018:** Referee of several journals peer review: Neurology, Annals of Neurology, Multiple Sclerosis, J of Neurology-Psychiatry-Neurosurgery, European Journal of Neurology, Expert opinion in Neurology, J of Neurogy.

**2013-2018:** Member of the Editorial Board of BMC Neurology

**From 2018 :** Regional delegate of the Association Neurology Emergency (ANEU)

**From 2019** Head of Neurology Unit Department of San Camillo Forlanini Hospital – Circonvallazione Gianicolense 87 00152 Roma Italy

**From 2021** Coordinator of the Italian Neurological Society (SIN) for the Study Group on Multiple Sclerosis

**From 2022** Full membership of the European Academy of Neurology (EAN).

**From 2022** Italian delegate of the ECTRIMS Council

## **FOREIGN RESIDENCES AND INTERNATIONAL COMMISSIONS**

**1993** - Study residence of one year in "The NMR research group of Multiple Sclerosis" - Institute of Neurology - National Hospital of London, directed by Prof. Ian McDonald.

**1996-1997** - Member of a research group of the European Community with regards to multicentric trials on the optimisation of the MRI usage in Multiple Sclerosis (MAGNIMS).

**1998** - Member of a Europe-United States Task Force on the MRI usage in Multiple Sclerosis.

**From 2012**. Member of the Steering Committee of MAGNIMS group.

## **SCIENTIFIC ACTIVITIES**

Dr. Claudio Gasperini scientific activities are documented by more than 280 publications, in peer review journals.

Particular field of interest is represented by Multiple Sclerosis.

In this field, more importance was given to the epidemiological evaluation, diagnosis and therapy of the disease. Moreover, the pathogenic aspect of the natural history of disease was analysed utilizing MRI quantitative and qualitative techniques.

From 2019 Head of Neurology in the Department of Neurosciences Azienda Ospedaliera S Camillo Forlanini

From 2022 Full membership of the European Academy of Neurology (EAN).

From 2022 Italian delegate of the ECTRIMS Council

He has been principal investigator in several clinal trials in PHASE II and III according GCP

## **SCIENTIFIC COLLABORATIONS IN ITALY AND OTHER STATES**

- The NMR research group of Multiple Sclerosis - Institute of Neurology - National Hospital of London Prof. Ian McDonald, Prof DH Miller, Prof AJ Thompson, Prof. O. Ciccarelli

- The Neurologische Universitatis-Poliklinik und Abteilung Neuroradiologie, Kantonsspital, Basel, Switzerland, Prof Kappos.

- The Afdeling Radiodiagnostiek, Vrije Universiteit, Amsterdam, The Netherlands, Prof . Barkhof.

- S. Raffaele Neurology Department – Milan: Prof Filippi.
- University of Siena Neurology Department: Prof Nicola De Stefano
- University of Oxford: Prof. J Palace
- University of Graz: Prof C. Enzinger
- University of Barcellona: Prof. X Montalban and Prof. A Rovira
- University of Verona: Prof. M Calabrese
- Univeristy of Naples: Prof. G. Tedeschi
- University of Bari: Prof. M Trojano
- University of Firenze: Prof. M. Amato

### **SELECTED PAPERS**

(H-Index Scopus: 52).

#### **1991**

1. Irreversible total blindness in Multiple Sclerosis  
**Gasperini C**, Pozzilli C, Bernardi S.  
Italian Journal of Neurological Sciences.  
1991;12:329  
**(I.F 2.28)**

#### **1993**

2. Anatomical and Functional correlates of cognitive deficit in Multiple Sclerosis.  
Pozzilli C, **Gasperini C**, Anzini A, Grasso MG, Ristori G, Fieschi C.  
J. Neurol. Sci. 115 .S55-S58, 1993.  
**(I.F 5.98)**

#### **1994**

3. A controlled trial of Mitoxantrone in Multiple Sclerosis: Serial MRI evaluation at one year.  
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.  
Can. J. Neurol. Sci. 1994; 21:266-270.  
**(I.F.1.1)**

4. Diagnostic problems in "clinically definite" multiple sclerosis patients with normal CSF and multiple MRI abnormalities Fieschi C, **Gasperini C**, Ristori G, Bastianello S, Girmenia F, Leuzzi V, Buttinelli C, Pozzilli C, Rasura M.  
European Journal of Neurology 1994; 1:127-133.  
**(I.F. 3.9)**

#### **1995**

5. Non-invasive assessment of Mitoxantrone cardiotoxicity in relapsing remitting Multiple Sclerosis.  
De Castro S, Cartoni D, Millefiorini E, Funaro S, **Gasperini C**, Morino S, Tallarico D, Beni S.

J. of Clinical Farmacology 1995; 35: 627-632.

(I.F. 2)

6. Patients with clinically definite multiple sclerosis, white matter abnormalities on MRI, and normal CSF: if not multiple sclerosis, what is it?

Fieschi C, **Gasperini C**, Ristori G, Bastianello S, Girmenia F, Leuzzi V, Buttinelli C, Rasura M.

Journal of Neurol, Neurosurg. and Psychiatry. 1995; 58 (2): 255-256.

(I.F. 7.4)

7. A controlled study of potential risk factors preceding exacerbation in Multiple Sclerosis.**Gasperini C**, Grasso MG, Fiorelli M, Millefiorini E, Morino S, Anzini A, Colleluori A, Salvetti M, Buttinelli C, Pozzilli C.

Journal of Neurol, Neurosurg. and Psychiatry. 1995; 59:303-305.

(I.F. 7.4)

8. Human recombinant interferon beta (rebif) in the treatment of relapsing-remitting multiple sclerosis.

Pozzilli C, Bastianello S, Koudriavtseva T, **Gasperini C**, Bozzao A, Galgani S, Paolillo A, Millefiorini E, Buttinelli C, Pierciaccante G, Piazza G, Bozzao L, Fieschi C.

Multiple Sclerosis 1995 1, S28-S31.

(I.F. 4.84)

## 1996

9. High dose contrast-enhanced MRI in multiple sclerosis.

Koudriavtseva T, Pozzilli C, De Biasi C, Iannilli M, Trasimeni G, **Gasperini C**, Argentino C, Gualdi GF.

Neuroradiology 1996, 38:S5-S9.

(I.F. 2.3)

10. MRI in the differential diagnosis of multiple sclerosis without CSF abnormalities

**Gasperini C**, Bastianello S, Ristori G, Paolillo A, Giugni E, Colonnese C, Fieschi C, Bozzao L..

International Journal of Neuroradiology; 1996; 2:117-122.

(I.F. 2.3)

11. MRI Texture in normal appearing white matter of MS patients: relationship to other quantitative MRI and clinical parameters.

**Gasperini C**, Horsfield MA, Thorpe J, Kidd D, Barkers GJ, Tofts PS, MacManus DG, Thompson AJ, Miller DH, McDonald WI.

JMRI 1996; 6:580-584.

(I.F. 3.6)

12. Magnetic resonance imaging and clinical activity before and after treatment with human recombinant beta interferon: a short term study in relapsing remitting multiple sclerosis.

Pozzilli C, Bastianello S, Koudriavtseva T, **Gasperini C**, Bozzao A, Millefiorini E, Galgani S, Buttinelli C, Pierciaccante G, Piazza G, Bozzao L, Fieschi C.

Journal of Neurol, Neurosurg and Psychiatry. 1996; 61:251-258.

(I.F. 7.4)

## 1997

**13.** The influence of clinical relapse and steroid therapy on development of Gd-enhancing lesions: a longitudinal MRI study in relapsing remitting multiple sclerosis.

**Gasperini C**, Pozzilli C, Bastianello S, Koudriavtseva T, Thompson AJ, Horsfield MA, Colleluori A, Millefiorini E, Piazza G, Bozzao L, Fieschi C. *Acta Neurol Scand* 1997; 95:201-207.

(I.F. 3.1)

**14.** Gd-enhanced baseline MRI predicts clinical and MRI disease activity in relapsing remitting multiple sclerosis.

Koudriavtseva T, Thompson AJ, Fiorelli M, **Gasperini C**, Bastianello S, Paolillo A, Pisani A, Bozzao A, Galgani S, Pozzilli C. *Journal of Neurol, Neurosurg and Psychiatry*. 1997; 62:285-287.

(I.F. 7.4)

**15.** Randomized double-blind placebo controlled trial of Mitoxantrone in relapsing remitting multiple sclerosis: 24 month clinical and MRI results.

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.. *J of Neurology* 1997; 244: 153-159.

(I.F. 3.8)

**16.** Fast Spin-echo and Fast Flair sequences versus conventional spin echo for quantification of multiple sclerosis

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.

*AJMR* 1997; 18: 699-704.

(I.F. 3.6)

**17.** Quantitative magnetic resonance analysis in vascular dementia.

F Giubilei, S Bastianello, A Paolillo, **C Gasperini**, et al.

*J of Neurology* 1997; 244: 246-251.

(I.F. 3.8)

**18.** MRI measure and their relations with clinical disability in relapsing remitting and secondary progressive multiple sclerosis.

E Giugni, C Pozzilli, S Bastianello, **C Gasperini**, A Paolillo, T Koudriatseva, M Frontoni, D Farina, L Bozzao.

*Multiple Sclerosis* 1997; 3: 221-225.

(I.F. 4.8)

**19.** Interscanner variation in brain MRI lesion load measurements in MS: Implications for clinical trials.

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.

*Neurology* 1997; 49: 371-377.

(I.F. 7.6)

**20.** Differential diagnosis in Multiple Sclerosis

**C. Gasperini.**

*Int. MS Journal*. 1997 Vol. 4 No 1.

(I.F. 0.69)

**21.** No increase of serum autoantibodies during therapy with recombinant human interferon Beta 1a in relapsing remitting multiple sclerosis.

C Colosimo, C Pozzilli, M Frontoni, D Farina, T Koudriavtseva, **C Gasperini**, M Salvetti, G Valesini.

Acta Neurol Scand. 1997. 96: 372-374.

(I.F. 3.1)

**22.** Four-year follow-up of a case of acute multiple sclerosis of the Marburg type.

Giubilei F, Sarrantonio A, Tisei P, **Gasperini C**, Salvetti M.

Ital. J. Neurol. Sci. 1997: 18: 163-166.

(I.F. 2.28)

## 1998

**23.** Effect of steroids on Gd-enhancing lesions before and during recombinant beta interferon 1a treatment in relapsing remitting multiple sclerosis

**C Gasperini**, C Pozzilli, S Bastianello, T Koudriavtseva, S Galgani, E Millefiorini, A Paolillo, MA Horsfield, L Bozzao, C Fieschi.

Neurology 1998; 50 (2): 403-405.

(I.F. 7.6)

**24.** Development of Neutralizing Antibodies in patients with Relapsing Remitting Multiple Sclerosis treated with Interferon Beta 1a. G Antonelli, F Bagnato, C Pozzilli, E Simeoni, S Bastianello, M Currenti, C Fieschi, **C Gasperini**, M Salvetti, F Dianzani.

J Interferon Research 1998.

(I.F. 2.4)

**25.** Serum Amyloid A protein is elevated in Relapsing Remitting Multiple Sclerosis.

G Ristori, F Laurenti, P Stacchini, **C Gasperini**, C Buttinelli, C Pozzilli, M Salvetti. J Neuroimmunology 1998

(I.F. 2.6)

**26.** Determinants of Gd-enhanced MRI response to IFNB 1a treatment in relapsing remitting multiple sclerosis.

T Koudriavtseva, C Pozzilli, M Fiorelli, C Gasperini, F Bagnato, S Galgani, M Frontoni, O ciccarelli, S Bastianello.

Multiple Sclerosis 1998.

(I.F. 4.84)

**27** The effect of training and different measurement strategies on the reproducibility of brain MRI lesion load measurements in multiple sclerosis.

M Filippi, ML Gawne-Cain, **C Gasperini**, JH van Waesberghe, J Grimaud, H Ader, F Barkhof, MP Sormani, DH Miller.

Neurology 1998 50: 230-237.

(I.F. 7.6)

**28.** Correlation between monthly enhanced MRI lesion rate and changes in T2 lesion volume in multiple sclerosis: a multicentre longitudinal study.

PD Molineaux, M Filippi, F Barkhof, **C Gasperini**, T Yousry, L Truyen HM Lai, MA Rocca, OF Moseley, DH Miller.

Ann Neurol 1998 43 (3): 332-339

**(I.F. 9.9)**

**29.** A longitudinal brain MRI study comparing the sensitivities of the conventional and a newer approach for detecting active lesions in multiple sclerosis.

M Filippi, G Mastronardo, S Bastianello, MA Rocca, M Rovaris, **C Gasperini**, C Pozzilli, G Comi. *J Neurol Sciences* 1998.

**(I.F. 5.98)**

**30.** 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.

M Filippi, M Rovaris, R Capra, **C Gasperini**, TA Yousry, MP Sormani, F Prandini, V Martinelli, S Bastianello, I Kuhne, C Pozzilli, G Comi.

*Brain* 1998 Oct;121 ( Pt 10):2011-20.

**(I.F. 10.84)**

**31.** 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.

M Filippi, M Rovaris, **C Gasperini**, R Capra, S Bastianello, I Kuhne, TA Yousry. *Journal of Neuroimaging* 1998; 8 (2): 88: 93

**(I.F. 1.9)**

**32.** A longitudinal study evaluating the sensitivity of enhanced MR in multiple sclerosis: effect of gadolinium dose and magnetization transfer contrast.

S Bastianello, **C Gasperini**, A Paolillo, E Giugni, O Ciccarelli, MP Sormani, M Rovaris, C Pozzilli, M Filippi. *AJMR* 1998

**(I.F. 3.6)**

**33.** Frequency and significance of antinuclear antibodies in multiple sclerosis.

C Pozzilli, S Bastianello, **C Gasperini**, M Salvetti. *Neurology* 1998.

**(I.F. 7.6)**

**34.** Detecting new lesion formation in multiple sclerosis: the relative contributions of monthly dual-echo and T1 weighted scans after triple dose gadolinium.

M Filippi, G Mastronardo, MA Rocca, R Capra, **C Gasperini**, M Rovaris, S Bastianello, G Comi. *European Neurology* 1998.

**(I.F. 3.9)**

**35.** MRI evolution of new MS lesions enhancing after different doses of gadolinium.

M Rovaris, G Matronardo, **C Gasperini**, F Prandini, TA Yousry, M Filippi. *Acta Neurol Scand* 1998

**(I.F. 3.1)**

**1999**

**36.** Magnetic resonance imaging outcome of new enhancing lesions in multiple sclerosis patients treated with rIFNBeta 1a.

A Paolillo, S Bastianello, M Frontoni, **C Gasperini**, E Giugni, O Ciccarelli, F Bagnato, T Koudriatseva, C Pozzilli. *J of Neurology* 1999; 246 (6):443-8.

**(I.F. 3.8)**

**37.** A comparison of the sensitivity of monthly unenhanced and enhanced MRI techniques in detecting new multiple sclerosis lesions.

M Filippi, M Rovaris, S Bastianello, **C Gasperini**, D Origgi, P Reganati, C Pozzilli, G Comi.

J of Neurology 1999; 246 (2): 97-106

(I.F. 3.8)

**38.** Modelling MRI enhancing lesion counts in multiple sclerosis using a negative binomial model: implications for clinical trials.

Sormani MP, Bruzzi P, Miller DH, **Gasperini C**, Barkhof F, Filippi M.

J Neurol Sci 1999; 163 (1):74-80.

(I.F. 5.98)

**39.** 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.

Kappos L, Moeri D, Radue EW, Schoetzau A, Schwikert K, Barkhof F, Miller DH, Guttmann CR, Weiner HL, **Gasperini C**, Filippi M.

Lancet 1999; 353 (9157): 964-9.

(I.F. 53.2)

**40.** Statistical power of MRI monitored trials in multiple sclerosis: new data and comparison with previous results.

Sormani MP, Molinueux PD, **Gasperini C**, Barkhof F, Yousry TA, Miller DH, Filippi M.

J Neurol Neurosurg Psychiatry 1999; 66 (4): 465-9

(I.F. 7.4)

**41.** IL-12 mediated NKR1A up-regulation and consequent enhancement of endothelial transmigration of V delta 2+ TCR gamma delta+ T lymphocytes from healthy donors and multiple sclerosis patients.

Poggi A, Zocchi MR, Costa P, Ferrero E, Borsellino G, Placido R, Galgani S, Salvetti M, **Gasperini C**, Ristori G, Brosnan CF, Battistini L.

J Immunol 1999; 162 (7): 4349-54.

(I.F. 5.2)

**42.** Fatigue and magnetic resonance imaging activity in multiple sclerosis

Mainero C, Faroni J, **Gasperini C**, Filippi M, Giugni E, Ciccarelli O, Rovaris M, Bastianello S, Comi G, Pozzilli C.

J Neurol 1999; 246 (6): 454-8.

(I.F. 3.8)

**43.** Magnetic resonance outcome of new enhancing lesions in patients with relapsing remitting multiple sclerosis.

Ciccarelli O, Giugni E, Paolillo A, Mainero C, **Gasperini C**, Bastianello S, Pozzilli C.

Eur J Neurol 1999; 6 (4): 455-9.

(I.F. 3.9)

**44.** Interferon beta treatment for multiple sclerosis has a graduated effect on MRI enhancing lesions according to their size and pathology.

Filippi M, Rovaris M, Capra R, **Gasperini C**, Prandini F, Martinelli V, Horfield MA, Bastianello S, Sormani MP, Pozzilli C, Comi G.

J Neurol Neurosurg Psychiatry 1999; 67 (3): 386-9

(I.F. 7.4)

**45.** Disease activity in multiple sclerosis studied by weekly triple dose magnetic resonance imaging.  
Tortorella C, Codella M, Rocca MA, **Gasperini C**, Capra R, Bastianello S, Filippi M.  
*J Neurol* 1999; 246 (8): 689-92.

(I.F. 3.8)

**46.** T cell response to myelin basic protein before and after treatment with interferon beta in multiple sclerosis.

Ristori G, Montesperelli C, **Gasperini C**, Battistini L, Borsellino G, Buttinelli C, Cannoni S, Perna A, Pozzilli C, Salvetti M.

J Neuroimmunol 1999; 99 (1):91-6.

(I.F. 2.6)

**47.** 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.

Antonelli G, Simeoni E, Bagnato F, Pozzilli C, Turriziani O, Tesoro R, Di Marco P, **Gasperini C**, Fieschi C, Dianzani F.

J Neurol Sci 1999; 168 (2): 131-6.

(I.F. 5.98)

**48.** 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.

Rovaris M, Barkhof F, Bastianello S, **Gasperini C**, Tubridy N, Yousry TA, Sormani MP, Viti B, Miller DH, Filippi M.

J Neurol 1999; (10): 920-5.

(I.F. 3.8)

**49.** Interferon Beta 1a in relapsing-remitting multiple sclerosis: effect on hypointense lesion volume on T1 weighted images

**Gasperini C**, Pozzilli C, Bastianello S, Giugni E, Horfield MA, Koudriavtseva T, Galgani S, Paolillo A, Haggiag S, Millefiorini E, Fieschi C.

J Neurol Neurosurg Psychiatry 1999; 67 (5): 579-84

(I.F. 7.4)

**50.** Cumulative effect of weekly low dose of interferon beta 1a on standard and triple dose contrast enhanced MRI from multiple sclerosis patients.

Rovaris M, Capra R, Martinelli V, **Gasperini C**, Prandini F, Pozzilli C, Comi G, Filippi M.

J Neurol Sci 1999; 171 (2): 130-4.

(I.F. 5.98)

**51.** Interscanner variation in brain MR lesion load measurement in multiple sclerosis using conventional spin-echo rapid relaxation-enhanced, and fast FLAIR sequences.

Filippi M, Rocca MA, **Gasperini C**, Sormani MP, Bastianello S, Horsfield MA, Pozzilli C, Comi G.  
AJNR 1999; 20 (1):133-7.

(I.F. 3.6)

**52.** Contrast-enhanced magnetic resonance activity in relapsing remitting multiple sclerosis patients: a short term natural history study.

Bagnato F, Tancredi A, Richert N, **Gasperini C**, Bastianello S, Bash C, McFarland H, Pozzilli C, Frank JA.

Multiple Sclerosis 2000; 6(1):43-9.

(I.F. 4.84)

**53.** The use of magnetic resonance imaging in multiple sclerosis treatment trials: power calculations for annual lesion load measurement.

Molyneaux PD, Miller DH, Filippi M, Yousry T, Kappos L, **Gasperini C**, Ader HJ, Barkhoff F. J Neurol. 2000; 247(1): 34-40.

(I.F. 3.8)

**54.** Brain atrophy in relapsing remitting multiple sclerosis: relationship with "black holes", disease duration and clinical disability.

Paolillo A, Pozzilli C, **Gasperini C**, Giugni E, Mainero C, Giuliani S, Tomassini V, Millefiorini E, Bastianello S.

J Neurol Sci. 2000; 174(2): 85-91.

(I.F. 5.98)

**55.** Evidence for a role of gammadelta T cells in demyelinating diseases as determined by activation states and response of lipid antigens.

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.

J Neuroimmunology 2000; 107(2): 124-9.

(I.F. 2.6)

**56.** MRI of spinal cord in MS.

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

J Neurovirol 2000; Suppl 2: S130-3.

(I.F. 3.2)

**57.** Antinuclear antibodies and responses to IFN beta-1a treatment in relapsing remitting multiple sclerosis.

Ciccarelli O, Bagnato F, Mainero C, Salvetti M, Paolillo A, **Gasperini C**, Bastianello S, Pozzilli C. Mult. Scler. 2000; 6(3): 137-9.

(I.F. 4.84)

**58.** A comparison of the sensitivity of MRI after double-triple dose Gd-DTPA for detecting enhancing lesions in multiple sclerosis.

**Gasperini C**, Paolillo A, Rovaris M, Yousry TA, Capra R, Bastianello S, Filippi M.

Magn Reson Imaging 2000; 18(6): 761-3.

(I.F. 3.6)

**59.** Myelin basic protein intramolecular spreading without progression in a patient with multiple sclerosis.

Ristori G, Giubilei F, Giunti D, Perna A, **Gasperini C**, Buttinelli C, Salvetti M, Uccelli A.

J Neuroimmunology 2000; 110(1-2): 240-3.

(I.F. 2.6)

**60.** Serial gadolinium DTPA of spinal cord MRI in multiple sclerosis: triple vs single dose.

Yousry I, Filippi M, Walther E, **Gasperini C**, Capra R, Yousry TA.

Magn Reson Imaging. 2000; 18(9): 1183-6.  
**(I.F. 3.6)**

## 2001

**61.** Intra-observer inter-observer and inter-scanner variations in brain MRI volume measurements in multiple sclerosis.

**Gasperini C**, Rovaris M, Sormani MP, Bastianello S, Pozzilli C, Comi G, Filippi M.  
Mult Scler 2000; 7(1):27-31  
**(I.F. 4.84)**

**62.** Topiramate relieves idiopathic and symptomatic trigeminal neuralgia.

Solaro C, Uccelli MM, Brichetto G, **Gasperini C**, Mancardi G.  
J Pain Symptom Manage 2001; 21(5):367-8.  
**(I.F. 3.2)**

**63.** Differential diagnosis in multiple sclerosis.

**Gasperini C**.  
Neurol Scien. 2001; 22:93-7.  
**(I.F. 2.28)**

## 2002

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Chiurchiu V, Cencioni MT, Bisicchia E, De Bardi M, **Gasperini C**, Borsellino G, Centonze D, Battistini L, Maccarrone M.

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**Gasperini C**, Ruggieri S, Mancinelli CR, Pozzilli C.

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**(I.F. 7.6)**

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**(I.F. 5.98)**

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Mult Scler. 2014.

**(I.F. 4.84)**

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**Gasperini C**, Haggiag S, Ruggieri S.

Expert Opin Investig Drugs. 2013

**(I.F.3.9)**

**118.** Subcutaneous interferon  $\beta$ -1a may protect against cognitive impairment in patients with relapsing-remitting multiple sclerosis: 5-year follow-up of the COGIMUS study.

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PLoS One. 2013

**(I.F. 3.5)**

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**(I.F. 4.7)**

## 2014

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**(I.F. 7.6)**

**121.** CD28 ligation in the absence of TCR stimulation up-regulates IL-17A and pro-inflammatory cytokines in relapsing-remitting multiple sclerosis T lymphocytes.  
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**(I.F. 2.9)**

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Eur Neurol. 2014  
**(I.F. 3.9)**

**123.** Thyroid autoimmunity and dysfunction in multiple sclerosis patients during long-term treatment with interferon beta or glatiramer acetate: an Italian multicenter study.  
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Mult Scler. 2014  
**(I.F. 4.84)**

**124.** Pharmacology and clinical efficacy of dimethyl fumarate (BG-12) for treatment of relapsing-remitting multiple sclerosis.  
Ruggieri S, Tortorella C, **Gasperini C**.  
Ther Clin Risk Manag. 2014 Review  
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**125.** Serum lactate as a novel potential biomarker in multiple sclerosis.  
Amorini AM, Nociti V, Petzold A, **Gasperini C**, Quartuccio E, Lazzarino G, Di Pietro V, Belli A, Signoretti S, Vagnozzi R, Lazzarino G, Tavazzi B.  
Biochim Biophys Acta. 2014  
**(I.F. 5.34)**

**126.** MxA mRNA quantification and disability progression in interferon beta-treated multiple sclerosis patients.

Serana F, Imberti L, Amato MP, Comi G, **Gasperini C**, Ghezzi A, Martinelli V, Provinciali L, Rottoli MR, Sotgiu S, Stecchi S, Vecchio M, Zaffaroni M, Cordioli C, Capra R.  
PLoS One. 2014 **(I.F. 3.5)**

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**(I.F. 4.6)**

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(I.F. 7.6)

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**(I.F. 3.8)**

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**(I.F. 3.8)**

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(I.F. 3.7)

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**(I.F. 28)**

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Mult Scler. 2018

**(I.F. 4.84)**

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**(I.F. 9.89)**

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Neurology. 2018  
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**(I.F. 4.1)**

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Geraldes R, Ciccarelli O, Barkhof F, De Stefano N, Enzinger C, Filippi M, Hofer M, Paul F, Preziosa P, Rovira A, DeLuca GC, Kappos L, Yousry T, Fazekas F, Frederiksen J, **Gasperini C**, Sastre-Garriga J, Evangelou N, Palace J; MAGNIMS study group.

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J Neurol. 2018

**(I.F. 3.8)**

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Prosperini L, Lucchini M, Haggiag S, Bellantonio P, Bianco A, Buscarinu MC, Buttari F, Centonze D, Cortese A, De Giglio L, Fantozzi R, Ferraro E, Fornasiero A, Francia A, Galgani S, **Gasperini C**, Marfia GA, Millefiorini E, Nociti V, Pontecorvo S, Pozzilli C, Ruggieri S, Salvetti M, Sgarlata E, Mirabella M.

Neurology. 2018 Jul 10;91(2):e153-e161.

**(I.F. 7.6)**

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**(I.F. 7.6)**

**166.** Abortion induces reactivation of inflammation in relapsing remitting multiple sclerosis  
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.

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**(I.F. 7.4)**

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Galgani S, Prosperini L, Haggiag S, Tortorella C, **Gasperini C**.

J Neurol. 2018 Jul 17.

**(I.F. 3.8)**

**168.** Safety and Efficacy of Dymethyl Fumarate in Multiple Sclerosis: An Italian, Multicenter, Real-World Study

Mirabella M, Prosperini L, Lucchini M, Boffa L, Borriello G, Buscarinu MC, Centonze D, Cortese A, De Fino C, De Giglio L, Elia G, Fantozzi R, Ferraro E, Francia A, Galgani S, **Gasperini C**, Haggiag S, Landi D, Marfia GA, Millefiorini E, Monteleone F, Nociti V, Salvetti M, Sgarlata E, Pozzilli C.

CNS Drugs. 2018

**(I.F. 5.5)**

**169.** Induction Treatment Strategy in Multiple Sclerosis: A Review of Past Experiences and Future Perspectives.

Ruggieri S, Pontecorvo S, Tortorella C, **Gasperini C**.

Multiple Sclerosis and Demyelinating Disorders 2018

**170.** The hippocampus in multiple sclerosis.

Rocca MA, Barkhof F, De Luca J, Frisén J, Geurts JJG, Hulst HE, Sastre-Garriga J, Filippi M; MAGNIMS Study Group

Lancet Neurol. 2018 Oct;17(10):918-926. Review **(I.F. 28)**

**171.** Early diagnosis of progressive multifocal leucoencephalopathy: longitudinal lesion evolution.

Scarpazza C, Signori A, Prosperini L, Sormani MP, Cosottini M, Capra R, Gerevini S; Italian PML Group.

J Neurol Neurosurg Psychiatry. 2018 **(I.F. 7.4)**

**172.** Authors' Response to the Letter to the Editor Regarding: A Comprehensive Review on Copemyl®.

Annovazzi P, Bertolotto A, Brescia Morra V, **Gasperini C**, Montanari E, Navarra P, Patti F, Pia Sormani M, Ghezzi A.  
Neurol Ther. 2018 (**I.F. 1.1**)

**173.** Unravelling treatment response in multiple sclerosis: a clinical and MRI challenge  
**C. Gasperini**, L. Prosperini, M. Tintoré, M. P. Sormani, M. Filippi, J. Rio, J. Palace, M. A. Rocca, O. Ciccarelli, F. Barkhof, J. Sastre-Garriga, H. Vrenken, J.L. Fredrekisen, T. Yousry, C. Enzinger, A. Rovira, L. Kappos, C. Pozzilli, X. Montalban, N. De Stefano.  
On behalf of MAGNIMS study group.  
Neurology 2018  
(**I.F. 7.6**)

## 2019

**174.** How much do periventricular lesions assist in distinguishing migraine with aura from CIS?  
Lapucci C, Saitta L, Bommarito G, Sormani MP, Pardini M, Bonzano L, Mancardi GL, **Gasperini C**, Giorgio A, Inglese M, De Stefano N, Roccatagliata L.  
Neurology 2019

**175.** “No Better explanations” in multiple sclerosis diagnostic workup: A 3- year longitudinal study  
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).  
Neurology 2019

**176.** Illness perceptions and psychological adjustment among persons with multiple sclerosis: the mediating role of coping strategies and social support  
Bassi M, Cilia S, Falautano M, Grobberio M, Niccolai C, Pattini M, Pietrolongo E, Quartuccio ME, Viterbo RG, Allegri B, Amato MP, Benin M, De Luca G, **Gasperini C**, Minacapelli E, Patti F, Trojano M, Delle Fave A.  
Disabil Rehabil (2019)

**177.** Distinct Expression of Inflammatory Features in T Helper 17 Cells from Multiple Sclerosis Patients  
Capone A, Bianco M, Ruocco G, De Bardi M, Battistini L, Ruggieri S, **Gasperini C**, Centonze D, Sette C, Volpe E.  
Cells (2019)

**178.** Resiquimod- Mediated Activation of Plasmacytoid Dendritic Cells Is Amplified in Multiple Sclerosis.  
Corsetti M, Ruocco G, Ruggieri S, **Gasperini C**, Battistini L, Volpe E.  
Int J Mol Sci 2019

**179.** Effect of dalfampridine on information processing speed impairment in multiple sclerosis.  
De Giglio L, De Luca F, Gurreri F, Ferrante I, Prosperini L, Borriello G, Quartuccio E, **Gasperini C**, Pozzilli C.  
Neurology 2019

**180.** Lifespam normative data on rates of brain volume changes.

Battaglini M, Gentile G, Luchetti L, Giorgio A, Vrenken H, Barkhof F, Cover KS, Bakshi R, Chu R, Sormani MP, Enzinger C, Ropele S, Ciccarelli O, Wheeler-Kingshott C, Yiannakas M, Filippi M, Rocca MA, Preziosa P, Gallo A, Bisecco A, Palace J, Kong Y, Horakova D, Vaneckova M, **Gasperini C**, Ruggieri S, De Stefano N; MAGNIMS Study Group.

Neurobiol Aging 2019

**181.** CD28 Autonomous Signaling Up-Regulates C-Myc Expression and Promotes Glycolysis Enabling Inflammatory T Cell Responses in Multiple Sclerosis.

Kunkl M, Sambucci M, Ruggieri S, Amormino C, Tortorella C, **Gasperini C**, Battistini L, Tuosto L.

Cells 2019

**183.** Single-subject structural cortica networks in clinically isolated syndrome.

Collorone S, Prados F, Hagens MH, Tur C, Kanber B, Sudre CH, Lukas C, **Gasperini C**, Oreja-Guevara C, Andelova M, Ciccarelli O, Wattjes MP, Ourselin S, Altmann DR, Tijms BM, Barkhof F, Toosy AT; MAGNIMS Study Group.

Mult Scler. 2019

**184.** The caring experience in multiple sclerosis: Caregiving tasks, coping strategies and psychological well-being.

Bassi M, Cilia S, Falautano M, Grobberio M, Negri L, Niccolai C, Pattini M, Pietrolongo E, Quartuccio ME, Viterbo RG, Allegri B, Amato MP, Benin M, De Luca G, **Gasperini C**, Minacapelli E, Patti F, Trojano M, Delle Fave A.

Health Soc Care Community. 2020

**185.** Retrospectively acquired cohort study to evaluate the long-term impact of two different treatment strategies on disability outcomes in patients with relapsing multiple sclerosis (RE.LO.DI.MS): data from the Italian MS Register.

Paolicelli D, Lucisano G, Manni A, Avolio C, Bonavita S, Brescia Morra V, Capobianco M, Cocco E, Conte A, De Luca G, De Robertis F, **Gasperini C**, Gatto M, Gazzola P, Lus G, Iaffaldano A, Iaffaldano P, Maimone D, Mallucci G, Maniscalco GT, Marfia GA, Patti F, Pesci I, Pozzilli C, Rovaris M, Salemi G, Salvetti M, Spitaleri D, Totaro R, Zaffaroni M, Comi G, Amato MP, Trojano M; Italian MS Register.

J Neurol. 2019

**186.** SVM recursive feature elimination analyses of structural brain MRI predicts near-term relapses in patients with clinically isolated syndromes suggestive of multiple sclerosis.

Wottschel V, Chard DT, Enzinger C, Filippi M, Frederiksen JL, **Gasperini C**, Giorgio A, Rocca MA, Rovira A, De Stefano N, Tintoré M, Alexander DC, Barkhof F, Ciccarelli O; MAGNIMS study group and the EuroPOND consortium.

Neuroimage Clin. 2019

**187.** Specialized pro-resolving lipid mediators are differentially altered in peripheral blood of patients with multiple sclerosis and attenuate monocyte and blood-brain barrier dysfunction.

Kooij G, Derada Troletti C, Leuti A, Norris PC, Riley I, Albanese M, Ruggieri S, Libreros S, van der Pol SMA, van Het Hof B, Schell Y, Guerrera G, Buttari F, Mercuri NB, Centonze D, **Gasperini C**, Battistini L, de Vries HE, Serhan CN, Chiurchiù V.

Haematologica. 2019

**188.** Dalfampridine to Improve Balance in Multiple Sclerosis: Substudy from a Randomized Placebo-Controlled Trial

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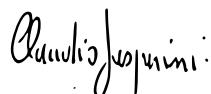
**278.** A multi step genomic approach prioritized TBKBP1 gene as relevant for multiple sclerosis susceptibility.

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  
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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.

J Neurol. 2022

10 aprile 2022.









**Programma Dott. Claudio Gasperini per candidatura a segretario del Gruppo di Studio SIN  
“Sclerosi Multipla”**

La presentazione di questa candidatura nasce dalla costante partecipazione al lavoro svolto dal GdS da diversi anni e dal desiderio di darne continuità.

Obiettivo primario sarà quello di coordinare le attività del Gruppo di Studio sia in ambito scientifico che clinico assistenziale

**In ambito scientifico**, di concerto con la SIN saranno obiettivi primari:

1. Favorire studi collaborativi, incentivando le collaborazioni tra i centri italiani e con società scientifiche nazionali ed internazionali
2. Potenziare la collaborazione con il registro Italiano SM
3. Dare continuità al ruolo educazionale del GdS favorendo convegni, seminari e congressi, e stimolando la partecipazione di ogni operatore sanitario, dei giovani in particolare, che possa essere coinvolto a qualsiasi titolo nella gestione del paziente con Sclerosi multipla

**In ambito assistenziale**, di concerto con la SIN saranno obiettivi primari:

1. Avere ruolo di advisor per le Regioni ed eventualmente per il Ministero ed AIFA in ordine alle scelte su innovazioni tecnologiche (accesso a servizi, farmaci, presidi della riabilitazione)
2. Stimolare ed ampliare il dibattito clinico-assistenziale, sviluppando la produzione di percorsi volti a migliorare l’interazione ospedale-territorio.
3. Avere ruolo di advisor per AISM e FISM, tenendo sempre l’autonomia di appartenenza.
4. Potenziare l’interazione tra i centri distribuiti sul territorio nazionale favorendo la centralità del paziente.

Roma 10 aprile 2023

