

CURRICULUM VITAE - FRANCESCA ALOISI

Posizione attuale: Dirigente di Ricerca, Direttore facente funzioni del Dipartimento di Neuroscienze, Istituto Superiore di Sanità

Educazione e Formazione

- 1978: Laurea in Scienze Biologiche, Università di Roma 'La Sapienza'.
1978-1981: Ospite del Laboratorio di Farmacologia, Reparto di Neurofarmacologia, Istituto Superiore di Sanità (ISS); training in neurofarmacologia
1979-1982: Facoltà di Medicina e Chirurgia, esami II-IV anno, Università di Roma 'La Sapienza'
1981-1984: Ospite dell'Istituto di Biologia Cellulare, Consiglio Nazionale delle Ricerche, Roma; training in neurochimica e neurobiologia cellulare

Attività lavorativa

- 1985-1993: Ricercatore, Reparto di Neurobiologia, Laboratorio di Fisiopatologia di Organo e di Sistema, ISS
9/1988-4/1989: Ricercatore ospite nell'Unità di Ricerca Clinica sulla Sclerosi Multipla, Società Max-Planck, Würzburg, Germania (Commissione Europea, Twinning Project sulla Neuroimmunologia)
1993-2004: Primo ricercatore (dal 1994), Direttore del Reparto 'Neurofisiologia', Laboratorio di Fisiopatologia di Organo e di Sistema, ISS
2004-2008: Primo Ricercatore del Reparto 'Malattie Neurologiche Degenerative e Infiammatorie', Dipartimento di Biologia Cellulare e Neuroscienze, ISS
2008-2017: Dirigente di Ricerca (dal 2009), Direttore del Reparto 'Malattie Infiammatorie e Demielinizzanti del Sistema Nervoso', Dipartimento di Biologia Cellulare e Neuroscienze, ISS
2017-oggi: Direttore del Reparto 'Malattie Demielinizzanti e Infiammatorie del Sistema Nervoso', Dipartimento di Neuroscienze, ISS
Da 1/7/2020: Direttore facente funzioni del Dipartimento di Neuroscienze, ISS

Coordinamento di progetti di ricerca

- 1995-2004: Linee di ricerca ISS/fondi intramurali, responsabile dei progetti: "Interazioni tra cellule del sistema nervoso centrale in vitro", "Interazioni tra cellule gliali del sistema nervoso centrale e sistema immunitario", "Cellule dendritiche nelle patologie autoimmuni del sistema nervoso centrale", "Meccanismi molecolari e cellulari delle malattie croniche infiammatorie del sistema nervoso centrale"
1996-1999: Ministero della Sanità, Primo e Secondo Progetto Nazionale sulla Sclerosi Multipla, responsabile del progetto "Produzione ed effetti dell'interferone-gamma nel sistema nervoso centrale"
2001-2004: Ricerca Finalizzata 2001/Ministero della Sanità, Coordinatore Nazionale del Progetto "Nuove strategie terapeutiche immunomodulatorie e neuroprotettive in modelli sperimentali di sclerosi multipla", e Coordinatore di unità operativa del Progetto strategico "Malattia di Alzheimer"
2001-2004: MIUR/FIRB, unità operativa del progetto "Compartimentalizzazione della risposta immunitaria nella sclerosi multipla

- 2003-2005: Ricerca Finalizzata 2003/Ministero della Sanità, responsabile UO dei progetti 'Meccanismi patogenetici delle malattie neurodegenerative' e 'Cellule staminali neurali quale fonte di cellule produttrici di mielina per la terapia cellulare delle malattie demielinizzanti'
- 2004-2006: Programma di collaborazione ISS-NIH, responsabile del progetto "Immunopathogenesis and therapy of multiple sclerosis"
- 2005-2010: Coordinatore del Progetto Integrato Europeo FP6 LSHM-CT-2005-018637 'Neuroprotective strategies for Multiple Sclerosis', Neuropromise, 21 partner
- 2007-2009: Programma di collaborazione ISS-NIH, responsabile del progetto "Immunopathology and Imaging of Multiple Sclerosis lesions"
- 2007-2010: Vice-coordinatore e membro della EU COST Action "Neurinfnet"
- 2008-2010: Responsabile di unità operativa del Progetto Speciale della Fondazione Italiana Sclerosi Multipla "Ruolo del virus di Epstein-Barr nella eziopatogenesi della sclerosi multipla: da 'se' a 'come'".
- 2009-2012: Ricerca Finalizzata 2007/Ministero della Salute, Coordinatore Nazionale del Progetto Strategico "Patogenesi, diagnosi e terapia della sclerosi multipla alla luce di ipotesi emergenti sul ruolo di alterate interazioni tra geni e ambiente nello sviluppo della malattia", 20 partner.
- 2012-2013: Coordinatore del progetto multicentrico della Fondazione Italiana Sclerosi Multipla "Analisi dell'infezione con virus di Epstein-Barr e della risposta immunitaria nel fluido cerebrospinale e nel sangue di pazienti con sclerosi multipla mediante tecniche altamente sensibili di PCR".
- 2014-2015 Responsabile del progetto "Expression of RORgammat in the brain of secondary progressive multiple sclerosis patients" finanziato da Glaxo-Smith_Kline, China.
- 2014-2018: Ricerca Finalizzata 2011/Ministero della Salute, Coordinatore nazionale del progetto "Altered host-virus interaction as cause of multiple sclerosis: focus on Epstein-Barr virus and antiviral immune response".
- 2015-2018: Coordinatore del progetto multicentrico "Combined analysis of EBV and cellular gene expression in clinically isolated syndrome, relapsing-remitting and primary progressive multiple sclerosis for the identification of prognostic biomarkers" finanziato da Fondazione Italiana Sclerosi Multipla
- 2017-2021: Coordinatore di unità operativa del progetto "Apparent gain of efficacy of Plegridy over previous interferon-beta formulations in multiple sclerosis: any effects on disease aetiology?" finanziato da NEUROMED/Biogen Italia.

Attività istituzionali

Esperto della Formazione continua in Medicina per la professione Medico Chirurgo, nominato dalla Commissione Nazionale per la Formazione Continua del Ministero della Salute (2002-2009)

Valutazione tecnico-scientifica dei progetti di ricerca che prevedono l'utilizzo di animali da laboratorio ai sensi D. Lgs. n. 26/2014, articolo 31 comma 3 e articolo 33 comma 2 (dal 2016)

Redazione di risposte a interrogazioni parlamentari

Membro del Comitato Scientifico del Portale 'ISSalute' <https://www.issalute.it> (dal 2017)

Attività editoriali: Membro dell'Editorial Board di Journal of Neuroimmunology (2003-oggi) e di Glia (2002-2013).

Revisore di manoscritti per riviste scientifiche internazionali: Acta Neuropathol., J. Neurol., FASEB J, J Neurochem, Glia, Brain, J. Immunol., Eur J Immunol, J. Neuroimmunol., Trends Immunol, J. Neurosci, Eur J Neurosci, J Neurosci Res, J Neurochem, Glia, Multiple Sclerosis Journal, J Neuropathol Exp Neurol, PLoSOne, J Neurosci, Progr Neurobiol., Autoimmunity, Immunol Letters, Nature Rev Immunol, Multiple Sclerosis and Related Disorders, J Neuroinflammation, Viral Immunol., PlosOne, Expert Rev Neurotherapeutics,

Neurotherapeutics, *Frontiers Immunol*, *J Medical Virology*, *Molecular Neurobiology*, *Mediators of Inflammation*.

Valutazione di progetti scientifici per i seguenti enti finanziatori: MIUR; Commissione Europea; Human Frontier Science Program; ELA Foundation (Francia); The Wellcome Trust, Action Medical Research, UK Multiple Sclerosis Society; Medical Research Council (UK); Fondazione Italiana Sclerosi Multipla/FISM; Association pour la Recherche sur la Sclérose en Plaques (France), Canadian Multiple Sclerosis Association; MS research Australia; Neurological Foundation of New Zealand; Swiss Science Foundation; WingsforLife; United Arab Emirates University; Austrian Science Fund/FWF; Fondation pour la Recherche Médicale/FRM, Francia; Stichting MS Research/The Netherlands.

Società scientifiche: Presidente (2003-2009) e Socio Onorario (dal 2010) della Società Italiana di Neuroimmunologia; Consigliere della Società Internazionale di Neuroimmunologia, ISNI (2003-2013).

Comitati scientifici: Membro del comitato scientifico della Association Européenne contre les Leucodystrophies (ELA) Foundation) (2008-2014).

Organizzazione di Congressi: Membro del comitato scientifico e organizzatore di simposi e congressi internazionali: Euroglia 2002, 2005; International Society of Neuroimmunology (ISNI) 2001, 2006, 2008; VII International ISNI Congress, Venezia 2004; Workshop Internazionale 'Viral triggers of autoimmunity: focus on Epstein-Barr virus and multiple sclerosis', Roma 19-20 Maggio 2008; Workshop Internazionale 'CD8 T cells in central nervous system inflammation', Roma, 5-6 Marzo 2009; Meeting di chiusura del progetto NeuroproMiSe Rome, 20 Ottobre, 2010; ISNI 2013 Milano, Simposio 'Infectious Agents in Autoimmunity'.

PUBBLICAZIONI SCIENTIFICHE

Autore di 89 articoli originali e 26 rassegne/commenti pubblicati in riviste internazionali peer-reviewed, e 15 capitoli di libri.

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Articoli originali pubblicati su riviste internazionali

1. ALOISI, F., SCOTTI DE CAROLIS, A., LONGO, V. G. EEG and behavioral effects of morphine, enkephalins and derivatives administered into the lateral cerebral ventricles of rats and rabbits. *Pharm. Res. Comm.* 1980; 12:467-477.
2. ALOISI, F., SCOTTI DE CAROLIS, A., LONGO, V.G. Evaluation of the analgesic activity of morphine, enkephalins and their synthetic analogues. *Isr. J. Med. Sci.* 1982; 18:183-186.
3. GALLO V., CIOTTI M.T., COLETTI A., ALOISI F., LEVI G. Selective release of glutamate from cerebellar granule cells differentiating in culture. *Proc. Natl. Acad. Sci. USA* 1982; 79:7919-7923.
4. GALLO V., ALOISI F., LEVI G. Muscimol potentiation of acidic amino acid release from cerebellar synaptosomes is chloride-dependent. *J. Neurochem.* 1983; 40:939-945.
5. ALOISI F., GALLO V., LEVI G. Substrate specificity and developmental aspects of a presynaptic GABA receptor regulating glutamate release in the rat cerebellum. *J. Neurosci. Res.* 1983; 10: 141-149.
6. LEVI G., ALOISI F., CIOTTI M.T., GALLO V. Autoradiographic localization and depolarization induced release of acidic amino acids in differentiating granule cell cultures. *Brain Res.* 1984; 290: 77-86.

7. ALOISI F., CIOTTI M.T., LEVI G. Characterization of GABAergic neurons in cerebellar primary cultures and selective neurotoxic effects of a serum fraction. *J. Neurosci.* 1985; 5: 2001-2008.
8. GALLO V., CIOTTI M.T., ALOISI F., LEVI G. Developmental features of rat cerebellar neural cells cultured in a chemically defined medium. *J. Neurosci. Res.* 1986; 15: 289-301.
9. ALOISI F., AGRESTI C., LEVI G. Glial conditioned media inhibit the proliferation of cultured astrocytes. *Neurochem. Res.* 1987; 12:189-195.
10. LEVI G., ALOISI F., WILKIN G.P. Differentiation of cerebellar bipotential glial precursors into oligodendrocytes in primary culture: developmental profile of surface antigens and mitotic activity. *J. Neurosci. Res.* 1987; 18:407-417.
11. ALOISI F., AGRESTI C., D'URSO D., LEVI G. Differentiation of bipotential glial precursors into oligodendrocytes is promoted by interaction with type-1 astrocytes in cerebellar cultures. *Proc. Natl. Acad. Sci. USA* 1988; 85:6167-6171.
12. ALOISI F., AGRESTI C., LEVI G. Establishment, characterization and evolution of cultures enriched in type-2 astrocytes. *J. Neurosci. Res.* 1988; 21:188-198.
13. ALOISI F., SUN D., LEVI G., WEKERLE H. Establishment of a permanent rat brain-derived glial cell line as a source of purified oligodendrocyte-type 2 astrocyte lineage cell populations. *J. Neurosci. Res.* 1990; 27:16-24.
14. AGRESTI C., ALOISI F., LEVI G. Heterotypic and homotypic cellular interactions influencing the growth and differentiation of bipotential oligodendrocyte type-2 astrocyte progenitors in culture. *Dev. Biol.* 1991; 144:16-29.
15. LEVI G., AGRESTI C., D'URSO D., ALOISI F. Is the oligodendroglial differentiation of bipotential oligodendrocyte-type 2 astrocyte progenitors promoted by autocrine factors? *Neurosci. Lett.* 1991; 128:37-41.
16. ALOISI F., GIAMPAOLO A., RUSSO G., PESCHLE C., LEVI G. Developmental appearance, antigenic profile, and proliferation of glial cells of the human embryonic spinal cord: an immunocytochemical study using dissociated cultured cells. *Glia* 1992; 5:171-181.
17. ALOISI F., BORSELLINO G., SAMOGGIA P., TESTA U., CHELUCCI C., RUSSO G., PESCHLE C., LEVI G. Astrocyte cultures from human embryonic brain: characterization and modulation of surface molecules by inflammatory cytokines. *J. Neurosci. Res.* 1992; 32:494-506.
18. ALOISI, F., SAMOGGIA, P., MONTESORO, E., TESTA, U., LEVI, G., PESCHLE, C. Distribution of Leu-19 (CD-56) natural killer lymphocyte antigen in cultured cells from the human embryonic central nervous system. *Ann. N. Y. Acad. Sci.* 1992; 650:317-321.
19. ALOISI, F., CARE', A., BORSELLINO, G., GALLO. P., ROSA, S., BASSANI, A., CABIBBO, A., TESTA, U., LEVI, G., PESCHLE, C. Production of hemolymphopoietic cytokines (IL-6, IL-8, colony-stimulating factors) by normal human astrocytes in response to IL-1 β and tumor necrosis factor- α . *J. Immunol.* 1992; 149:2358-2366.
20. YAMAMURA, T., SUN, D., ALOISI, F., KLINKERT, W. E. F., WEKERLE, H. Interaction between oligodendroglia and immune cells: mitogenic effect of an oligodendrocyte precursor cell line on syngeneic T lymphocytes. *J. Neurosci. Res.* 1992; 32:178-189.
21. MAIMONE, D., CIONI, C., ROSA, S., MACCHIA, G., ALOISI, F., ANNUNZIATA, P. Norepinephrine and vasoactive intestinal peptide induce IL-6 secretion by astrocytes. Synergism with IL-1 β and TNF- α . *J. Neuroimmunol.* 1993; 47:73-82.
22. ALOISI, F., ROSA, S., TESTA, U., BONSI, P., RUSSO, G., PESCHLE, C., LEVI, G. Regulation of leukemia inhibitory factor synthesis in cultured human astrocytes. *J. Immunol.* 1994; 152: 5022-5031.

23. WEBER, F., MEINL, E., ALOISI, F., NEVINNY-STICKEL, C., ALBERT, E., WEKERLE, H., HOHLFELD, R. Human astrocytes are only partially competent antigen presenting cells. Possible implications for lesion development in multiple sclerosis. *Brain* 1994; 117: 59-69.
24. MEINL, E., ALOISI, F., ERTL, B., WEBER, F., DE WAAL MALEFYT, R., WEKERLE, H., HOLFELD, R. Multiple Sclerosis: Immunomodulatory effects of human astrocytes on T cells. *Brain* 1994; 117: 1323-1332.
25. DE SIMONE, R., GIAMPAOLO, A., GIOMETTO, B., GALLO, P., LEVI, G., PESCHLE, C., ALOISI, F. The costimulatory molecule B7 is expressed on human microglia in culture and in multiple sclerosis acute lesions. *J. Neuropathol. Exp. Neurol.* 1995; 54:175-187.
26. CECCHERINI SILBERSTEIN, F., DE SIMONE, R., LEVI, G., ALOISI, F. Cytokine-regulated expression of platelet-derived growth factor (PDGF) gene and protein in cultured human astrocytes. *J. Neurochem.* 1996; 66:1409-1417.
27. MENENDEZ IGLESIAS, B., CERASE J., CERACCHINI C., LEVI G., ALOISI, F. Analysis of B7-1 and B7-2 costimulatory ligands in cultured mouse microglia: upregulation by interferon- and lipopolysaccharide and downregulation by interleukin-10, prostaglandin E2 and cyclic AMP-elevating agents. *J. Neuroimmunol.* 1997; 72:83-93.
28. PALMA, C., MINGHETTI, L., ASTOLFI, M., AMBROSINI, E., CECCHERINI SILBERSTEIN, F., MANZINI, S., LEVI, G., ALOISI, F. Functional characterization of substance P receptors on cultured human spinal cord astrocytes: synergism of substance P with cytokines in inducing interleukin-6 and prostaglandin E2 production. *Glia* 1997; 20:183-193.
29. PREOBRAZHENSKY, A. A., ALOISI, F., BARABANOV, V. M., SCHWECHEIMER, K. Expression of antigens defined by the monoclonal antibody At5 in cultured neural cells and in human brain tumors of glial origin. *Biomed. Res.* 1997; 18:7-19.
30. ALOISI, F., PENNA, G., CERASE, J., MENENDEZ IGLESIAS, B., ADORINI, L. IL-12 production by central nervous system microglia is inhibited by astrocytes. *J. Immunol.* 1997; 159:1604-1612.
31. ALOISI, F., RIA F., PENNA G., ADORINI L. Microglia are more efficient than astrocytes in antigen processing and in Th1 but not Th2 cell activation. *J. Immunol.* 1998; 160:4671-4680.
32. DE SIMONE, R., LEVI G., ALOISI F. Interferon- γ gene expression in rat central nervous system glial cells. *Cytokine* 1998; 10: 418-422.
33. WEBER, F., HUBER, S., ALOISI, F., MEINL E. Human myelin basic protein specific T cell lines display differential cytotoxicity against astrocytes, but are consistently cytotoxic against monocytes. *J. Neuroimmunol.* 1998; 88:99-104.
34. AGRESTI, C., BERNARDO, A., DEL RUSSO, N, MARZIALI, G, BATTISTINI, A., ALOISI, F., LEVI, G., COCCIA, E. M. Synergistic stimulation of major histocompatibility complex class I and interferon regulatory factor 1 gene expression by interferon and tumor necrosis factor in oligodendrocytes. *Eur. J. Neurosci.* 1998; 10:2975-2983.
35. DI RIENZO, A.M., ALOISI, F., SANTARCANGELO, A.C., PALLADINO, C., OLIVETTA, E., GENOVESE, D., VERANI, P., LEVI, G. Virological and molecular parameters of HIV-1 infection of human embryonic astrocytes. *Arch. Virol.* 1998; 143:1599-1615.
36. ALOISI, F., PENNA, G., POLAZZI, E., MINGHETTI, L., ADORINI, L. CD40-CD154 interaction and IFN- are required for IL-12 but not prostaglandin E2 secretion by microglia during antigen presentation to Th1 cells. *J. Immunol.* 1999; 162:1384-1391.
37. AMBROSINI, E., CECCHERINI-SILBERSTEIN, F., ERFLE, V., ALOISI, F., LEVI, G. Gene transfer in astrocytes: comparison between different delivering methods and expression of the HIV-1 protein Nef. *J. Neurosci. Res.* 1999; 55:569-577.

38. ALOISI, F., DE SIMONE, R., COLUMBA-CABEZAS, S., LEVI, G. Opposite effects of interferon- and prostaglandin E2 on tumor necrosis factor and interleukin-10 production in microglia: a regulatory loop controlling microglia pro- and anti-inflammatory activities. *J. Neurosci. Res.* 1999; 56:571-580.
39. AMBROSINI, E., SLEPKO, N., KOHLEISEN, B., SHUMAY, E., ERFLE, V., ALOISI, F., LEVI, G. HIV-1 Nef alters the expression of β II and β I isoforms of protein kinase C and the activation of the long terminal repeat promoter in human astrocytoma cells. *Glia* 1999; 27:143-151.
40. ALOISI, F., RIA, R., COLUMBA-CABEZAS, S., HESS, H., PENNA, G., ADORINI, L. Relative efficiency of microglia, astrocytes, dendritic cells and B cells in naive CD4+ T cell priming and Th1/Th2 restimulation. *Eur. J. Immunol.* 1999; 29: 2705-2714.
41. COTA, M., KLEINSCHMIDT, A., CECCHERINI-SILBERSTEIN, F., ALOISI, F., MENGOZZI, M., MANTOVANI, A., BRACK-WERNER, R., POLI, G. Upregulated expression of interleukin-8, RANTES and chemokine receptors in human astrocytic cells infected with HIV. *J. Neurovirol.* 2000; 6:75-83.
42. MUSCELLA, A., ALOISI, F., MARSIGLIANTE, S., LEVI G. Angiotensin II modulates the activity of the Na+/K ATPase in cultured rat astrocytes via AT1 receptor and PKC- activation. *J. Neurochem.* 2000; 74:1325-1331.
43. ALOISI, F., DE SIMONE, R., COLUMBA-CABEZAS, S., PENNA, G., ADORINI, L. Functional maturation of adult mouse microglia into an antigen presenting cell is promoted by GM-CSF and interaction with Th1 cells. *J. Immunol.* 2000; 164:1705-1712.
44. DI ROSA, F., SERAFINI, B., SCOGNAMIGLIO, P., DI VIRGILIO, A., FINOCCHI, L., ALOISI, F., BARNABA, V. Short-lived immunization site inflammation in self-limited active experimental allergic encephalomyelitis. *Int. Immunol.* 2000; 12:711-719.
45. SERAFINI, B., COLUMBA-CABEZAS, S., DI ROSA, F., ALOISI, F. Intracerebral recruitment and maturation of dendritic cells in the onset and progression of experimental autoimmune encephalomyelitis. *Am. J. Pathol.* 2000; 157:1991-2002.
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52. KRUMBHOLZ, M., THEIL, D., DERFUSS, T., ROSENWALD, A., SCHRADER, MONORANU, C.-A., KALLED, HESS, D.M., B. SERAFINI, ALOISI, F., WEKERLE, H., HOHLFELD, R., MEINL, E. BAFF is produced by astrocytes and up-regulated in multiple sclerosis lesions and primary central nervous system lymphoma. *J. Exp. Med.* 2005; 201:195-200. *IF: 13.965*
53. AMBROSINI, E., REMOLI, M.E., GIACOMINI, E., ROSICARELLI, B., SERAFINI, B., LANDE, R., ALOISI, F., COCCIA, E.M. Astrocytes produce dendritic cell-attracting chemokines in vitro and in multiple sclerosis lesions. *J. Neuropathol. Exp. Neurol.* 2005; 64:706-715. *IF: 4.471*
54. SERAFINI, B., ROSICARELLI, B., MAGLIOZZI, R., STIGLIANO, E., CAPELLO, E., MANCARDI, G.L., ALOISI, F. Dendritic cells in multiple sclerosis lesions: maturation stage, myelin uptake and interaction with proliferating T cells. *J. Neuropathol. Exp. Neurol.* 2006; 65:1-18. *IF: 4.371*
55. COLUMBA-CABEZAS, S., GRIGUOLI, M., ROSICARELLI, B., MAGLIOZZI, R., RIA, F., SERAFINI, B., ALOISI, F. Suppression of established experimental autoimmune encephalomyelitis and formation of meningeal lymphoid follicles by lymphotoxin β receptor-Ig fusion protein. *J. Neuroimmunol.* 2006; 179:76-86. *IF: 2.880*
56. SERAFINI, B., ROSICARELLI, B., FRANCIOTTA, D., MAGLIOZZI, R., REYNOLDS, R., CINQUE, P., ANDREONI, P., TRIVEDI, P., SALVETTI, M., FAGGIONI, A., ALOISI, F. Dysregulated Epstein Barr virus infection in the multiple sclerosis brain. *J. Exp. Med.* 2007; 204:2899-2912. *IF: 15.612*
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58. LANDE, R., GAFA, G., SERAFINI, B., GIACOMINI E., VISCONTI, A., REMOLI, ME., SEVERA, M., PARMENTIER, M., RISTORI, G., SALVETTI, M., ALOISI, F., COCCIA, E. Plasmacytoid dendritic cells in MS: intracerebral recruitment and impaired maturation in response to IFN- β . *J. Neuropathol. Exp. Neurol.* 2008; 67:388-401. *IF: 5.140*
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61. SERAFINI B, MAGLIOZZI R, ROSICARELLI B, REYNOLDS R, ZHENG TS, ALOISI F Expression of TWEAK and its receptor fn14 in the multiple sclerosis brain: implications for inflammatory tissue injury. *J Neuropathol Exp Neurol* 2008; 67:1137-1148. *IF: 5.140*
62. AMBROSINI E, SERAFINI B, LANCIOTTI A, TOSINI F, SCIALPI F, PSAILA R, RAGGI C, DI GIROLAMO F, PETRUCCI TC, ALOISI F. Biochemical characterization of MLC1 protein in astrocytes and its association with the dystrophin-glycoprotein complex. *Mol Cell Neurosci.* 2008; 37:480-493. *IF: 3.861*
63. LANCIOTTI A, BRIGNONE MS, CAMERINI S, SERAFINI B, MACCHIA G, RAGGI C, MOLINARI P, CRESCENZI M, MUSUMECI M, SARGIACOMO M, ALOISI F, PETRUCCI TC, AMBROSINI E. MLC1 trafficking and membrane expression in astrocytes: role of caveolin-1 and phosphorylation. *Neurobiol Dis.* 2010; 37:581-595.
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