74. Mariotti L, Losi G, Lia A., Melone M., Chiavegato A., Gomez-Gonzalo M., Sessolo M, Bovetti S., Forli A., Zonta M., Requie LM, Marcon I., Pugliese A., Viollet C., Bettler B., Fellin T., Conti F., Carmignoto G. (2018) Interneuron-specific signalling evokes distinctive somatostatin-mediated responses in adult cortical astrocytes. *Nature Comm. 9:82.*

73. Librizzi L., Losi G., Marcon I, Sessolo M., Scalmani P, Carmignoto G., de Curtis M (2017) Interneuronal network activity at the onset of seizure-like events in entorhinal cortex slices. *The Journal of Neuroscience 10, 3906-16.*

72. Losi G, Mariotti L, Sessolo M, Carmignoto G. (2017) New tools to study astrocyte Ca2+ signal dynamics in brain networks *in vivo*. *Front Cell Neurosci* 11:134. DOI: 10.3389/fncel.2017.00134

71. Paredes JM, Idilli AI, Mariotti L, Losi L, Arslanbaeva LR, Sulis Sato S, Artoni P, Szczurkowska J, Cancedda L, Ratto GM, Carmignoto G and Arosio D (2016) Synchronous bioimaging of intracellular pH and chloride based on LSS fluorescent protein*. ACS Chemical Biology* DOI: 10.1021/acschembio.6b00103. IF 5,33

70. De Stasi A.M., Farisello P., Marcon I., Cavallari S., Forli A., Vecchia D., Losi G., Mantegazza M., Panzeri S., Carmignoto G., Bacci A., Fellin T. (2016) Unaltered network activity and interneuronal firing during spontaneous cortical dynamics in vivo in a mouse model of Severe Myoclonic Epilepsy of Infancy. *Cerebral Cortex* 1–17, DOI: 10.1093/cercor/bhw002.

69. Losi G., Marcon I., Mariotti L., Sessolo M., Chiavegato A. and Carmignoto G. (2016) A brain slice experimental model to study the generation and the propagation of focally-induced epileptiform activity. *The Journal of Neuroscience Methods* 260:125-31; DOI: 10.1016/j.jneumeth.2015.04.001*.*

68. Mariotti L., Losi G., Sessolo M., Marcon I. and Carmignoto G. (2016) The inhibitory neurotransmitter GABA evokes long-lasting Ca2+ oscillations in cortical astrocytes. *Glia* 64, 363-373. doi: 10.1002/glia.22933.

67. Steinhauser C, Grunnet M. and Carmignoto G. (2016) Crucial role of astrocytes in temporal lobe epilepsy. *Neuroscience 323, 157169*. *http://dx.doi.org/10.1016/j.neuroscience.2014.12.047*

66. Sessolo M., Marcon I., Bovetti S., Losi G., Cammarota M., Ratto G.M., Fellin T. and Carmignoto G. (2015) Parvalbumin-positive inhibitory interneurons oppose propagation but favor generation of focal epileptiform activity. *The Journal of Neuroscience 35, 9544-9557*

65. Crunelli V., Carmignoto G. and Steinhauser C. (2015) Novel astrocytic targets provide new avenues for therapeutic treatment of epilepsy. *The Neuroscientists* DOI: 10.1177/1073858414523320

64. Losi G., Mariotti L. and Carmignoto G. (2014) GABAergic interneuron to astrocyte signaling: a neglected form of cell communication in the brain. *Phil. Trans. R. Soc. B369: 20130609 http://dx.doi.org/10.1098/rstb. 2013.0609.*

63. ChiavegatoA, Zurolo E., Losi G., Aronica E. and Carmignoto G. (2014) The inflammatory molecules IL-1β and HMGB1 can rapidly enhance focal seizure generation in a brain slice model of temporal lobe epilepsy. *Frontiers in Cellular Neuroscience.* DOI: 10.3389/fncel.2014.00155

62. Araque, A, Carmignoto G., HaydonP.G., Oliet S.H.R., Robitaille R., Volterra A. (2014) Gliotransmitters Travel in Time and Space. *Neuron* 81, 728-239.

61. Crunelli V, Carmignoto G. (2013) New vistas on astroglia in convulsive and non-convulsive epilepsy highlight novel astrocytic target for treatment. *The Journal of Physiology* 591, 775-785.

60. Cammarota M., Losi G., Chiavegato A., Zonta M. and Carmignoto G. (2013) Fast spiking interneuron control of seizure propagation in a cortical slice model of focal epilepsy. *The Journal of Physiology* 591, 807-822.

59. Reato D., Cammarota M., Cristobal Parra L, Carmignoto G. (2012) Computational model of neuron-astrocyte interactions during focal seizure generation. *Frontiers in Computational Neuroscience* doi: 10.3389/fncom.2012.00081

58. Losi G., Cammarota M. and Carmignoto G. (2012) The role of astroglia in the epileptic brain. *Frontiers in Pharmacology* 3:132. 10.3389/fphar.2012.00132

57. Carmignoto G. and Haydon P.G. (2012) Astrocyte calcium signalling and epilepsy. *Glia* 60:1227–1233.

56. Zorec R., Araque A., Carmignoto G.,  Haydon P.G., Verkhratsky A. and Parpura V. (2012). Astroglial excitability and gliotransmission: An appraisal of Ca2+ as a signaling route. *J. Neurochem.* 4, 103-119.

55. Gómez-Gonzalo M., Losi G, Brondi M., Uva L., Sulis-Sato S., De Curtis M., Ratto G.M., Carmignoto G. (2011). Ictal but not interictal epileptic discharges activate astrocyte endfeet and elicit cerebral arteriole responses. *Frontiers in Cellular Neuroscience* 5:8, doi:  [10.3389/fncel.2011.00008](http://dx.doi.org/10.3389/fncel.2011.00008).

54. Cintra-Francischinelli M., Caccin, P., Chiavegato A., Pizzo P., Carmignoto G., Angulo Y., Lomonte B., Gutierrez J.M., Montecucco C. (2010). Bothrops snake myotoxins induce a large efflux of ATP and potassium with spreading of cell damage and pain. *Proceeding of the National Academic of Science* 107, 14140-14145.

53. Losi G., Cammarota M., Chiavegato A., Gomez-Gonzalo M. and Carmignoto G. (2010). A new experimental model of focal epileptogenesis in the entorhinal cortex. *Epilepsia* 51, 1493-1502.

52. Gómez-Gonzalo M., Losi G, Chiavegato A., Zonta M., Cammarota M., Brondi M., Vetri F., Uva L., Pozzan T., de Curtis M., Ratto G.M., Carmignoto G. (2010). An Excitatory Loop with Astrocytes Contributes to Drive Neurons to Seizure Threshold. *PLoS Biology* 8, 4, Doi: 10.1371/journal.pbio.1000352.

51. Bardoni R., Ghirri A., Zonta M., Betelli C., Vitale Giovanni, Ruggieri Valentina V., Sandrini M. and Carmignoto G. (2010) Glutamate-mediated astrocyte-to-neuron signaling in the rat dorsal horn. *J. Physiol.* 588, 831-846.

50. Carmignoto G. and Gómez-Gonzalo  M. (2010) The contribution of astrocyte signalling to neurovascular coupling. *Brain Research Reviews* 63, 138-148.

49. SeifertG., Carmignoto G., Steinhäuser C. (2010) Astrocyte dysfunction in epilepsy. *Brain Research Reviews* 63, 212-221.

48. Merighi A., Bardoni R., Salio C., Lossi L., Ferrini F., Prandini M., Zonta M., Gustincich S., Carmignoto G. (2008) Presynaptic Functional trkB receptors mediate the release of excitatory neurotransmitters from primary afferent terminals in lamina II (substantia gelatinosa) of postnatal rat spinal cord. *Dev. Neurobiol.* 68*,* 457-475*.*

47. Grumelli, C., Berghuis, P., Pozzi, D. Caleo, M., Antonucci, F., Bonanno, G., Carmignoto, G., Dobszay, M. B., Harkany, T., Matteoli, M., Verderio C. (2008) Calpain activity contributes to the control of SNAP-25 levels in neurons. *Mol. Cell. Neurosci.* 39, 314-323.

46. Ding, S., Zhu Y., Auberson Y.P., Meaney D.F., Coulter D.A, Carmignoto G. and Haydon P.G. (2007) Enhanced astrocytic Ca2+ signals contribute to neuronal excitotoxicity after status epilepticus. *The Journal of Neuroscience* 27, 10674 - 10684.

45. Fellin, T., Gomez-Gonzalo, M., Gobbo, S., Carmignoto, G. and Haydon P.G. (2006) Astrocytic glutamate is not necessary for the generation of epileptiform neuronal activity in hippocampal slices. *The Journal of Neuroscience* 26:9312-9322.

44. Haydon P.G. and Carmignoto G. (2006) Astrocyte control of synaptic transmission and neurovascular coupling. *Physiol. Rev.* 86, 1009-1031.

43. Carmignoto G. and Fellin T. (2006) Glutamate release from astrocytes as a non-synaptic mechanism for neuronal synchronization. *J. Physiol. Paris* 99, 98-102.

42. Fellin T., Pozzan T. and Carmignoto G. (2006) Purinergic receptors mediate two distinct glutamate release pathways in hippocampal astrocytes. *J. Biol. Chem.* 281, 4274-4284.

41. Crippa D. , Schenk U., Francolini M., Rosa R., Verderio C., Zonta M., Pozzan T., Matteoli M., Carmignoto G. (2006) Synaptobrevin2-expressing vesicles in astrocytes: insights into molecular characterization, dynamics and exocytosis. *J. Physiol.* 570, 567-582.

40. Fellin T., Pascual O., Gobbo S., Pozzan T., HaydonP.G. and Carmignoto G. (2004) Neuronal synchrony mediated by astrocytic glutamate through activation of extrasynaptic NMDA receptors. *Neuron* 43, 729-743.

39. Peruffo, A., Lina Massimino, M., Ballarin, C., **Carmignoto**, G., Rota, A. and Cozzi, B. (2004) Primary cultures from fetal bovine brain. ***Neuroreport***. 15, 1719-1722.

38. Merighi, A., Carmignoto, G., Gobbo, S., Lossi, L., Salio, C., Vergnano, A.M. and Zonta M. (2004) Neurotrophins in spinal cord nociceptive pathways. *Progress in Brain Research* 146, 291-321.

37. Fellin T. and Carmignoto G. (2004) Neuron-to-astrocyte signaling in the brain represents a distinct multifunctional unit. *J. Physiol.* 559, 3-15.

36. Zonta M., Angulo M.C. and Carmignoto G. (2003) Response: Astrocyte mediated control of cerebral microcirculation. *Trends in Neuroscience* 26*,* 344-345.

35. Zonta M., Sebelin A., Gobbo S., Fellin T., Pozzan T. and Carmignoto G. (2003) Glutamate-mediated cytosolic calcium oscillations regulate a pulsatile prostaglandin release from cultured rat astrocytes. *J. Physiol.* 553, 407-414.

34. Burgo, A., Carmignoto, G. Pizzo, P., Pozzan T. and Fasolato C. (2003) Paradoxical Ca2+ Rises Induced by Low External Ca2+ in Hippocampal Neurones. *J. Physiol.* 549, 537-552.

33. Zonta M., Angulo M.C., Gobbo S., Rosengarten B., Hossmann K.-A., PozzanT. and Carmignoto G. (2003) Neuron-to-astrocyte signaling is central to the dynamic control of brain microcirculation. *Nature Neuroscience* 6, 43-50.

32. Zonta M. and Carmignoto G. (2002) Calcium oscillations encoding neuron-to-astrocyte communication. *J. Physiol.* *Paris* 96, 193-198*.*

31. Araque A., Carmignoto G. and Haydon P. (2001) Dynamic signaling between astrocytes and neurons. *Ann. Rev. Physiol.* 63, 795-813. IF 1998, 13.23.

30. Pasti L., Zonta M., Pozzan T., Vicini S.and Carmignoto G. (2001) Cytosolic calcium oscillations in astrocytes may regulate exocytotic release of glutamate. *The Journal of Neuroscience* 21, 477-484.

29. Carmignoto G. (2000) Astrocyte-neuron cross-talk: variants of the same language? *Trends in Pharmacol. Sci.* 21, 373-374.

28. Carmignoto G. (2000) Reciprocal communication systems between neurones and astrocytes. Progress in Neurobiology 62, 561-581.

27. Pasti L., Carmignoto G., Pozzan T., Battini R., Ferrari S., Lally G. and Emson P. (1999) Cellular calcium handling in brain slices from calbindin D28k deficient mice. *Neuroreport* 10, 1-6.

26. Aimar P., Pasti L., Carmignoto G. and Merighi A. (1998) Nitri-oxide producing islet cells modulate the release of sensory neuropeptides in the rat substantia gelatinosa. *The Journal of Neuroscience* 15, 10375-10388.

25. Bezzi P., Carmignoto G., Pasti L, Vesce S., Rossi D, Pozzan T. and Volterra A. (1998) Prostaglandins stimulate calcium-dependent glutamate release in astrocytes. *Nature* 391, 281-285.

24. Carmignoto G., Pasti L. and Pozzan T. (1998) On the Role of Voltage-Dependent Calcium Channels in Calcium Signalling of Astrocytes *in situ*. *The Journal of Neuroscience* 18, 4637-4645.

23. Pasti L, Volterra A, Pozzan T and Carmignoto G. (1997) Intracellular calcium oscillations in astrocytes: a highly plastic, bidirectional form of communication between neurons and astrocytes *in situ*. *The Journal of Neuroscience* 17, 7817-7830.

22. Carmignoto G., Pizzorusso T., Tia S. and Vicini S. (1997) Brain-derived neurotrophic factor and nerve growth factor potentiate excitatory synaptic transmission in the rat visual cortex. *J. Physiol.* 498.1, 153-164.

21. Pasti L., Pozzan T. and Carmignoto G. (1995) Long-lasting changes of calcium oscillations in astrocytes: a new form of glutamate-mediated plasticity. *J. Biol. Chem.* 270, 15203-15210.

20. Carmignoto G., Canella R., Candeo P., Comelli C. and Maffei L. (1993) Effects of nerve growth factor on neuronal plasticity of the kitten visual cortex. *J. Physiol.* 464, 343-360.

19. Siliprandi R, Canella R. and Carmignoto G. (1993) Nerve Growth Factor promotes functional recovery of retinal ganglion cells after ischemia. *Investig. Opthalmol & Vis. Sci.* 34, 3232-3245.

18. Zanellato A., Comelli M.C., Dal Toso R. and Carmignoto G. (1993) Developing rat retinal ganglion cells express the functional NGF receptor p140 trkA. *Develop. Biol*. 159, 105-113.

17. Carmignoto G. and Vicini S. (1992) Activity-dependent decrease in NMDA responses during development of the visual cortex. *Science* 258, 1007-1011.

16. Bonfanti L., Candeo P., Piccinini M., Carmignoto G., Comelli C., Ghidella S., Bruno R., Gobetto A. and Merighi A. (1992) Distribution of protein gene product 9.5 (PGP 9.5) in the vertebrate retina. Evidence that immunoreactivity is restricted to discrete population of the mammalian retina. *J. Comp. Neurol.* 322, 35-44.

15. Siliprandi R., Canella R., Carmignoto G., Zanellato A., Zanoni R. and Schiavo N. (1992) N-methyl-aspartate-induced neurotoxicity in the adult rat retina. *Vis. Neurosci.* 8, 56-63.

14. Domenici L., Berardi N., Carmignoto G., Vantini G. and Maffei L. (1991) Nerve growth factor prevents the amblyopic effect of monocular deprivation. *Proc. Natl. Acad. Sci. USA* 88, 8811-8815.

13. Carmignoto G., Comelli C., Candeo P., Cavicchioli L., Yan Q., Merighi A. and Maffei L. (1991) Expression of NGF receptor and NGF receptor mRNA in the developing and adult rat retina. *Exp. Neurol*. 111, 302-311.

12. Berardi, N., Carmignoto, G., Cremisi, F., Domenici, L., Maffei, L., Parisi, V., & Pizzorusso, T. (1991). NGF prevents the change in ocular dominance distribution induced by monocular deprivation in the rat visual cortex. *Journal of Physiology,* 434,14.

11. Maffei L., Carmignoto G., Perry V.H., Candeo P. and Ferrari G. (1990) Schwann cells promote the survival of rat retinal ganglion cells after optic nerve section. *Proc. Natl. Acad. Sci. USA* 87, 1855-1859.

10. Carmignoto G., Maffei L., Candeo P., Canella R and Comelli C. (1989) Effect of NGF on the survival of rat retinal ganglion cells following optic nerve section. *The Journal of Neuroscience* 9, 1263-1272.

9. Siliprandi R., Canella R., Bucci M.G. and Carmignoto G. (1988) Flash and pattern electroretinograms during and after acute intraocular pressure elevation in cats. *Invest. Ophtalmol. & Vis. Sci.*, 29, 558-565.

8. Bisti S. and Carmignoto G. (1986) Monocular deprivation in kittens differently affects crossed and uncrossed visual pathways. *Vision Res.* 26,875-884.

7. Bisti S., Carmignoto G., Galli L. and Maffei L. (1985) Spatial frequency characteristics of neurones of area 18 in the cat: dependence on the velocity of the visual stimulus. *J. Physiol.* 359, 259-268.

6. Carmignoto G., Canella R. and Bisti S. (1984) Can functional organization of area 17 following monocular deprivation be modified by GM1 monosialoganglioside internal ester treatment? *J. Neurosci. Res*. 12, 477-483.

5. Bisti S., Carmignoto G., Galli L. and Maffei L. (1984) Spatial response characteristics of neurons of cat area 18 at different speeds of the visual stimulus. *J. Physiol.* P23.

4. Gorio A., Carmignoto G., Ferrari G., Marini P. and F. Nunzi (1982) Plasticity and neuronal regeneration. Implications for the role of exogenous gangliosides. *Birth Defects* 19, 157-174.

3. Gorio A., Carmignoto G. Finesso M., Polato P. and Nunzi M.G. (1983) Muscle reinnervation Sprouting, synapse formation and repression. *Neuroscience* 8, 403-416.

2. Carmignoto G., Finesso M., Siliprandi R. and Gorio A. (1983) Muscle reinnervation I. Restoration of transmitter release mechanisms. *Neuroscience*. 8, 393-401.

1. Gorio A., Carmignoto G., Facci L. and Finesso M. (1980) Motor nerve sprouting induced by ganglioside treatment. Possible implications for gangliosides on neuronal growth. *Brain Res*. 197,236-241.

*Book chapters*

1. Reato D., Cammarota M., Cristobal Parra L, Carmignoto G. (2017) Computational model of neuron-astrocyte interactions during focal seizure generation. Biophysically based computational models of astrocyte-neuron coupling and their functional significance. Frontiers Research Topics, Eds Wade S., Elso S., Crunelli V. McDaid L. and Harkin J., pp 59-72.
2. Carmignoto G. and Gómez-Gonzalo M. (2009) Neuron-astrocyte partnership in brain function and dysfunction. "Cerebral Plasticity: New Perspectives". MIT Press, pp 113-126.
3. Carmignoto G. and Zonta M. (2008) Physiological and pathological roles of astrocyte-mediated neuronal synchrony. In “Astrocytes in pathophysiology of the nervous system”. Eds V. Parpura and P.G. Haydon. Springer, pp 513-525.
4. Magalhães P. and Carmignoto G. (2003) The reciprocal communication between astrocytes and neurons. Encyclopedia of Neuroscience, Eds G. Adelman and B.H. Smith. Elsevier Science, pp 333-338.
5. Carmignoto G. and Pozzan T. (2002) Calcium oscillations as a signalling system that mediates the bi-directional communication between neurones and astrocytes. In “Tripartite synapses: synaptic transmission with glia”. Ed. Magistretti P., Haydon P.G. and Volterra A. Oxford University Press, pp 151-163.
6. Scheneen W. and Carmignoto G. (2002) Confocal imaging of calcium signaling in cells from acute brain slices. In: “Cellular & Molecular Methods in Neuroscience Research”. Eds. Merighi A. and Carmignoto G., Springer, pp 273-283.
7. Zonta M. and Carmignoto G. (2002) Glutamate-mediated astrocyte-neuron communication in brain physiology and pathology. In: “The neuronal microenvironment”. Ed. Wanz W., Humana Press Inc. pp 187-204.
8. Pizzorusso T., Berardi N., Vicini S., Carmignoto G. and Maffei L. (2000) Early visual experience and development: role of neurotrophins. In: “Neurobiology of the Neurotrophins”. Ed. Mocchetti I, F.P. Graham Publishing Co. Johnson City, TN, pp 121-139.
9. Merighi A., Aimar P., Pasti L., Lossi L. and Carmignoto G. (1999) Neuromodulatory effects of nitric oxide in pain perception. In " Free radicals in brain pathology". Eds Poli G. and Cadenas L. Parker, Marcel Dekker, pp 17-53.
10. Carmignoto G., Pasti L. and Pozzan T. (1999) Intracellular calcium pools and calcium oscillations in cells from the central nervous system. In: “Calcium as a cellular regulator”. Eds Carafoli E. and Klee C., Oxford University Press, pp. 55-70.
11. Maffei L., Berardi N., Carmignoto G., Cellerino A., Domenici L., Fiorentini A. and Pizzorusso T. (1991) Role of neurotrophic factors in the plasticity of the visual system. In: "Regeneration and Plasticity in the Visual System". Eds Man-Kit Lam and G. Bray, MIT Press, pp176-187.
12. Carmignoto G., Maffei L., Candeo P., Canella R. and Comelli C. (1992) Evidence for a role of NGF in the mammalian visual system. In: "Biotechnology of Growth Factors: Vascular and Nervous Systems". Eds. Lenfant C., Paoletti R. and Albertini A., 87-92.
13. Carmignoto G., Canella R., Candeo P. and Comelli C. (1991) Expression of NGF receptor by retinal ganglion cells in the adult rat. In: "Biological Psychiatry". Elsevier, 654-656.
14. Comelli C., Candeo P., Canella R., Merighi A., Maffei L. and Carmignoto G. (1991) Evidence for a role of NGF in the visual system. In: "The Changing Visual System: Maturation and Aging in the Central Nervous System", Eds P. Bagnoli and W. Hodos, 347-356.
15. Domenici L., Berardi N., Carmignoto G., Pizzorusso T., Parisi V. and Maffei L. (1991) Nerve growth factor (NGF) prevents the effects of monocular deprivation in the rat. In: "The Changing Visual System: Maturation and Aging in the Central Nervous System", Eds P. Bagnoli and W, Hodos, 333-345.
16. Carmignoto G., Maffei L., Candeo P., Canella R and Comelli C. (1989) Il nerve growth factor favorisce la sopravvivenza delle cellule gangliari retiniche dopo la sezione del nervo ottico nel ratto. In: "Farmacologia oculare: attualita' e prospettive. Ed. F. Drago, Cappelli Firenze, 349-355.
17. Gorio A., Carmignoto G., Fusco M., Di Gregorio F., Janigro D., Vyskocil F., and Jonsson G. (1984) Gangliosides and neuronal plasticity. In: “Regulation of transmitter fanction” Eds Vizi E.S. and Magyar K., 395-397.
18. Gorio A., Carmignoto G., Ferrari G., Norido F., Nunzi M.G., Rubini R. and Zanoni R. (1984) Pharmacological aspects of experimental neurology. In: "Metabolische und entzundliche polyneuripathien". Eds F. Gerstebrand and B. Mamoli, Springer Verlag, Berlin/Heidelberg/New York/Tokio, 259-276.
19. Gorio A., Carmignoto G. (1984) Enhancing reinnervation of muscle ganglioside treatment. In: "Neuromuscular diseases". Eds G. Serratrice et al., Raven Press, New York, 287-292.
20. Gorio A., Carmignoto G**.**, Ferrari G., Marini P. and Nunzi M.G. (1983) Plasticity in neuronal regeneration. Implications for the role of exogenous gangliosides. Birth Defects 19, 157-174.
21. Gorio A., Carmignoto G., Ferrari G., Norido F., Nunzi M.G., Rubini R. and Zanoni R. (1982) Pharmacological aspects of experimental neuropathy. In: "International conference on peripheral neuropathies". Eds S. Refsun et al., Exerpta Medica, Amsterdam, 29-48.
22. Gorio A., Carmignoto G., Finesso M., Leon A., Marini P., Tredese L. and Zanoni R. (1981) Electrophysiological and morphological correlates of the reinnervation of rat neuromuscular junction: implication on the role of membrane components such as gangliosides in the motor nerve sprouting. In: "Cholinergic mechanism". Eds G. Pepeu and H. Ladinsky, Plenum Press, New York, 221-233.
23. Gorio A., Carmignoto G. and Ferrari G. (1981) Axon sprouting stimulated by gangliosides. A new model for elongation and sprouting. In "Gangliosides in neurological and neuromuscular function, development and repair". Eds A. Gorio and Rapport, Raven Press, New York, 177-195.
24. Gorio A. and Carmignoto G. (1981) Reformation, maturation and stabilization of neuromuscular junctions in peripheral nerve rigeneration. The possible role of exogenous gangliosides in determining motoneuron sprouting. In: "Post-traumatic peripheral nerve regeneration". Eds A. Gorio et al., Raven Press, New York, 481-492.
25. Carmignoto G., Finesso M, Tredese L. and Gorio A. (1981) Transmitter release mechanism during the early stages of reinnervation of the fast twitch muscle of rat. Effects of ganglioside treatments. In: "Membrane, molecules, toxins and cells". Ed. K. Block , PSG Inc., Littleton, Ma, 297-312.