FIORENZO CONTI

1. PERSONAL HISTORY

Department of Experimental & Clinical Medicine
Section of Neuroscience & Cell Biology
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Birth Date and Place
August 13, 1955 Villerupt (France)

Current position
Professor of Physiology, Università Politecnica delle Marche

Education

1980	M.D. Degree
1974-1980	University of Ancona School of Medicine
1969-1974	Liceo Classico G. Perticari, Senigallia, Italy; (Advanced School of Humanistic and Liberal Arts).

2. EMPLOYMENT HISTORY

2012 - present	Director, Center for Neurobiology of Aging, National Institute of Health and Science on Aging (IRCCS), Ancona

2010 - 2018	Lecturer on Physiology; School of Medicine, Vita-Salute University/San Raffaele Hospital (HSR), Milano
1998	Visiting Professor; Department of Cell Biology and Anatomy, University of North Carolina at Chapel Hill, Chapel Hill, N.C. 27514 (USA)
1994 - present	Full Professor, Human Physiology, University of Ancona School of Medicine, Ancona, Italy
1992	Visiting Professor; Department of Anatomy and Cell Biology, University of California at Los Angeles; Los Angeles, CA 90024 (USA)
1988	Visiting Professor; Department of Cell Biology and Anatomy, University of North Carolina at Chapel Hill, Chapel Hill, N.C. 27514 (USA)
1986-1993	Senior Assistant Professor; Institute of Human Physiology, University of Ancona School of Medicine, Ancona (Italy)
1985-1986	Post-doctoral fellow; Department of Anatomy, University of North Carolina at Chapel Hill, Chapel Hill, N.C., 27514 (USA)
1983-1986	Assistant Professor, Institute of Human Physiology, University of Ancona School of Medicine, Ancona (Italy)

3. PROFESSIONAL ACTIVITIES

Research Interests

Cerebral cortex; anatomical and molecular organization of glutamatergic and GABAergic synapses; plasma membrane and vesicular transporters; cortical plasticity; neuropsychiatric diseases.

Committees and Panels

Member, INSERM-CNRS ATIP-Avenir Panel (Neurosciences and Disorders of the nervous system), 2019-present

Chairman, Department of Experimental and Clinical Medicine, Università Politecnica delle Marche, 2018-2021

Past-President, Italian Society for Neuroscience, 2018-2019

Member, Governing Council of the International Brain Research Organization (IBRO), 2016-2017

Member, Governing Council of the Federation of European Societies of Neuroscience (FENS), 2016-2017

Member, European Dana Alliance for the Brain (EDAB) 2016-2017

President, Italian Society for Neuroscience, 2016-2017

Chairman, Department of Experimental and Clinical Medicine, Università Politecnica delle Marche, 2015-2018

Member, Executive Commitee of the Council of Physiology Professors, 2015-2018

Member, International Scientific Council, European Brain Research Institute (EBRI), 2014-present

President Elect, Italian Society for Neuroscience (SINS), 2014-2015.

Member, Executive Commitee of the Council of Physiology Professors, 2012-2015

Member, SINS Committe on Neuroethics, 2010-2012.

Member, Search Committee, Italian Society for Neuroscience, 2007.

Member, History of Neuroscience Committee of the International Brain Research Organization (IBRO), 2005-present.

Chairman, Department of Neuroscience, Università Politecnica delle Marche, 2003-2007.

Coordinator, PhD Program in Neuroscience of the Università Politecnica delle Marche, 2003-2012.

Member, Board of the italian Physiological Society (SIF), 2000-2002 and 2003-2005.
Member, National Committee for Neurosciences, Ministry of the University and Scientific Research, 2000.
Member, Search Committee, Italian Society for Neuroscience, 1999.
President, Animal Ethical Committee, Università Politecnica delle Marche, 1997–2003.
Member (1992-2000) and President (2000-2003), Scientific Committee of the Library of the Università Politecnica delle Marche.

Honors and Awards

Member, Accademia Marchigiana di Scienze, Lettere e Arti, 2014-present
Member, Centro Nazionale di Studi Leopardiani, 2013-present
Italian Society of Physiology (SIF) Prize for young investigators in physiology, 1990
Accademia Medico-Chirurgica del Piceno Prize for young investigators in biomedical sciences, 1990

Pubblications in international refereed journals

Balietti M, Giuli C, Casoli T, Fabbietti P, Conti F (2019) Is plasma BDNF a useful biomarker to monitor MCI patients? *Submitted*.

Fattorini G, Ripoli C, Cocco S, Spinelli M, Mattera A, Grassi C, Conti F (2019) Glutamate/GABA co-release selectively influences postsynaptic glutamate receptors in mouse cortical neurons. *Under revision*.

Fattorini G, Catalano M, Melone M, Serpe C, Bassi S, Limatola C, Conti F (2019) Microglial expression of GAT-1 in the cerebral cortex. *Under revision*.

Gulisano W, Melone M, Ripoli C, Tropea MR, Li Puma DD, Giunta S, Cocco S, Marcotulli D, Origlia N, Palmeri A, Arancio O, Conti F, Grassi C, Puzzo D (2019) Neuromodulatory role of picomolar extracellular Aβ42 oligomers on pre- and postsynaptic mechanisms underlying synaptic function and memory. *Journal of Neuroscience,* in press, doi.org/10.1523/JNEUROSCI.0163-19.2019.

Casoli T, Lisa R, Fabbietti P, Conti F (2019) Analysis of mitochondrial DNA allelic changes in Parkinson's disease: a preliminary study. *Aging Clinical and Experimental Research*, in press.

Balietti M, Pugliese A, Fabbietti P, Di Rosa M, Conti F (2019) Aged rats with different performances at environmental enrichment onset display different modulation of habituation and aversive memory. *Neurobiology of Learning and Memory*, 161:83-91.

Melone M, Ciriachi C, Pietrobon D, Conti F (2018) Heterogeneity of astrocytic and neuronal GLT-1, as revealed by its co-localization with Na^+/K^+-ATPase alfa isoforms at cortical excitatory synapses. *Cerebral Cortex***,** doi: 10.1093/cercor/bhy203, [Sep 27. Epub ahead of print].

Bragina L, Conti F (2018) Expression of neurofilament subunits at neocortical glutamatergic and GABAergic synapses. *Frontiers in Neuroanatomy,* 12:74. doi: 10.3389/fnana.2018.00074.

Gulisano W, Melone M, Li Puma DD, Tropea MR, Palmeri A, Arancio O, Grassi C, Conti F, Puzzo D (2018) The effect of amyloid-β peptide on synaptic plasticity and memory is influenced by different isoforms, concentrations and aggregation status. *Neurobiology of Aging* 71: 51-60. doi.org/10.1016/j.neurobiolaging.2018.06.025.

Balietti M, Fattorini G, Pugliese A, Marcotulli D, Bragina L, Conti F (2018) Two behavioral tests allow a better correlation between cognitive function and expression of synaptic proteins. *Frontiers in Aging Neuroscience*, 10:91. doi: 10.3389/fnagi.2018.00091.

Balietti M, Giuli C, Papa R, Fabbietti P, Conti F (2018) Peripheral blood brain-derived neurotrophic factor as biomarker of Alzheimer's disease: are there methodological biases? *Molecular Neurobiology*, 55: 6661-6672. doi.org/10.1007/s12035-017-0866-y.

Mariotti L, Losi G, Lia A, Melone M, Chiavegato A, Gomez-Gonzalo M, Sessolo M, Bovetti S, Forli A, Zonta M, Requie 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 Communications,* 9:82. DOI: 10.1038/s41467-017-02642-6.

Marcotulli D, Fattorini G, Bragina L, Perugini J, Conti F (2017) Levetiracetam affects differentially presynaptic proteins in rat cerebral cortex. *Frontiers in Cellular Neuroscience*, 11:389. doi: 10.3389/fncel.2017.00389.

Fattorini G, Ciriachi C, Conti F (2017) Few, activity-dependent, and ubiquitous VGLUT1/VGAT terminals in rat and mouse brain. *Frontiers in Cellular Neuroscience,* doi.org/10.3389/fncel.2017.00229.

Bonifacino T, Cattaneo L, Gallia E, Puliti A, Melone M, Provenzano F, Bossi S, Musante I, Usai C, Conti F, Bonanno G, Milanese M (2017) In vivo effects of knocking-down metabotropic glutamate receptor 5 in the SOD1G93A mouse model of amyotrophic lateral sclerosis. *Neuropharmacology*, 123:433-445, doi: 10.1016/j.neuropharm.2017.06.020.

Balietti M, Giuli C, Fattoretti P, Fabbietti P, Papa R, Postacchini D, Conti F (2017) The effect of comprehensive intervention on plasmatic BDNF in Alzheimer's disease patients. *Journal of Alzheimer's Disease,* 57: 37-43. doi: 10.3233/JAD-161168.

Fattorini G, Melone M, Sánchez-Gómez MV, Arellano RO, Bassi S, Matute C, Conti F (2017) GAT-1 mediated GABA uptake in rat oligodendrocytes. *Glia*, 65:514–522. doi: 10.1002/glia.23108. [Epub ahead of print].

Capuani C, Melone M, Tottene A, Bragina L, Crivellaro G, Santello M, Casari G, Conti F, Pietrobon D (2016) Defective glutamate and K^+ clearance by cortical astrocytes in a mouse model of 1 familial hemiplegic migraine type 2. *EMBO Molecular Medicine,* 8:967–986. DOI 10.15252/emmm.201505944.

Balietti M, Giuli C, Fattoretti P, Fabietti P, Conti (2015) Cognitive stimulation modulates platelet total phospholipases A_2 activity in subjects with mild cognitive impairment. *Journal of Alzheimer's Disease*, 50:957-962.

Bragina L, Bonifacino T, Bassi S, Milanese M, Bonanno G, Conti F (2015) Differential expression of metabotropic glutamate and $GABA_B$ receptors at neocortical glutamatergic and GABAergic axon terminals. *Frontiers in Cellular Neuroscience*, 9:25 doi: 10.3389/fncel.2015.00345.

Casoli T, Spazzafumo L, Di Stefano G, Conti F (2015) Role of diffuse low-level heteroplasmy of mitochondrial DNA in Alzheimer's disease neurodegeneration. *Frontiers in Aging Neuroscience*. 7:142: doi: 10.3389/fnagi.2015.00142.

Fattorini G, Antonucci F, Menna E, Matteoli M, Conti F (2015) VGLUT1/VGAT co-expression sustains glutamate-GABA co-release and is regulated by activity. *Journal of Cell Science* 128:1669-1673.

Melone M, Ciappelloni S, Conti F (2015) A quantitative analysis of cellular and synaptic localization of GAT-1 and GAT-3 in cerebral cortex. *Brain Structure and Function*. 220:885–897.

Casoli T, Di Stefano G, Spazzafumo L, Balietti M, Giorgetti B, Giuli C Postacchini D, Fattoretti P, Conti F (2014) Contribution of non-reference alleles in mtDNA of Alzheimer's disease patients. *Annals of Clinical and Translational Neurology*, 1:284–289. DOI: 10.1002/acn3.42.

Melone M, Ciappelloni S, Conti F (2014) Plasma membrane transporters GAT-1 and GAT-3 contribute to heterogeneity of GABAergic synapses in neocortex. *Frontiers in Neuroanatomy*. 25;8:72. doi: 10.3389/fnana.2014.00072.

Milanese M, Giribaldi F, Melone M, Bonifacino T, Vergani L, Musante I, Rossi PIA, Voci A, Conti F, Puliti A, Bonanno G (2014) Knocking-down metabotropic glutamate 1 receptors improves survival and disease progression in the *SOD1^{G93A}* mouse model of amyotrophic lateral sclerosis. *Neurobiology of Disease*, 64:48-59. doi.org/10.1016/j.nbd.2013.11.006.

Cristóvão-Ferreira S, Navarro G, Brugarolas M, Pérez-Capote K, Vaz SH, Fattorini G, Conti F, Lluis C, Ribeiro JA, McCormick PJ, Casado V, Franco R, Sebastião AM (2013) A1R-A2AR heteromers coupled to Gs and Gi/0 proteins modulate GABA transport into astrocytes. *Purinergic Signalling*, 9:433-449.

Bragina L, Fattorini G, Giovedì S, Bosco F, Benfenati F, Conti F (2013) Heterogeneity of presynaptic proteins: do not forget isoforms. *Frontiers in Cellular Neuroscience*, 7:8. doi: 10.3389/fncel.2013.00008.

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Bragina L, Fattorini G, Giovedì S, Melone M, Bosco F, Benfenati F, Conti F (2012) Analysis of synaptotagmin, SV2, and Rab3 expression in glutamatergic and GABAergic axon terminals. *Frontiers in Cellular Neuroscience*, 5:0. doi: 10.3389/fncel.2011.00032.

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Melone M, Bellesi M, Ducati A, Iacoangeli M, Conti F (2011) Cellular and synaptic localization of EAAT2a in human cerebral cortex. *Frontiers in Neuroanatomy* 4:151. doi: 10.3389/fnana.2010.00151.

de Vivo L, Melone M, Bucci G, Rothstein JD, and Conti F (2010) Quantitative analysis of EAAT4 promoter activity in neurons and astrocytes of mouse somatic sensory cortex. *Neuroscience Letters* 474:42-45.

Bellesi M, and Conti F (2010) The mGluR2/3 agonist LY379268 reverses the effects of GLT-1 up-regulation on prepulse inhibition of the startle reflex in adult rats. *Neuropsychopharmacology* 35:1253–1260.

Bragina L, Giovedì S, Barbaresi P, Benfenati F, and Conti F (2010) Heterogeneity of glutamatergic and GABAergic release machinery in cerebral cortex: Analysis of synaptogyrin, vesicle-associated membrane protein, and syntaxin. *Neuroscience* 165:934-943.

de Vivo L, Melone M, Rothstein JD, and Conti F (2010) GLT-1 promoter activity in astrocytes and neurons of mouse hippocampus and somatic sensory cortex. *Frontiers in Neuroanatomy* 3:31. doi:10.3389/neuro.05.031.2009.

Omrani A, Melone M, Bellesi M, Cherubini E, and Conti F (2009) Loss of LTD at MF-CA3 synapses overexpressing GLT-1. *Journal of Physiology* 587:4575-4587.

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Fattorini G, Bragina L, Candiracci C, Melone M, Cozzi A, Pellegrini-Giampietro DE, and Conti F (2009) Acute phencyclidine administration reduces extracellular glutamate levels and the expression of synaptophysin and SNAP-25 in rat frontal cortex. *Schizophrenia Research* 108:288-289.

Melone M, Bellesi M, Gubbini A, and Conti F (2009) GLT-1 up-regulation enhances the effect of PCP on prepulse inhibition of the startle reflex in adult rats. *Schizophrenia Research* 109:196-197.

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Fattorini G, Melone M, Bragina L, Candiracci C, Cozzi A, Pellegrini Giampietro DE, Torres-Ramos M, Pérez-Samartín A, Matute C, and Conti F (2008) GLT-1 expression and Glu uptake in rat cerebral cortex are increased by phencyclidine. *Glia* 56:1320-1327.

Bragina L, Marchionni I, Omrani A, Cozzi A, Pellegrini-Giampietro DE, Cherubini E, and Conti F (2008) GAT-1 regulates both tonic and phasic $GABA_A$ receptor-mediated inhibition in the cerebral cortex. *Journal of Neurochemistry* 105:1781-1793.

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Bragina L, Candiracci C, Barbaresi P, Giovedì S, Benfenati F, and Conti F (2007) Heterogeneity of glutamatergic and GABAergic release machineries in cerebral cortex. *Neuroscience* 146:1829-1840.

Bragina L, Melone M, Fattorini G, Torres-Ramos M, Vallejo-Illarramendi A, Matute C, and Conti F (2006) GLT-1 down-regulation induced by clozapine in rat frontal cortex is associated with synaptophysin up-regulation. *Journal of Neurochemistry* 99:131-141.

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Conti F, and Melone M (2006) The glutamine commute: lost in the tube? *Neurochemistry International* 48:459-464.
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Conti F, Candiracci C, and Fattorini G (2005) Heterogeneity of axon terminals expressing VGLUT1 in the cerebral neocortex. *Archives italiennes de Biologie* 143:127-132.
Melone M, Barbaresi P, Fattorini G, and Conti F (2005) Neuronal localization of the GABA transporter GAT-3 in human cerebral cortex: A procedural artifact? *Journal of Chemical Neuroanatomy* 30:45-54.
Vallejo-Illarramendi A, Torres-Ramos M, Melone M, Conti F, and Matute C (2005) Clozapine reduces GLT-1 expression and glutamate uptake in astrocyte cultures. *Glia* 50: 276-279.Valenti M, Pontieri FE, Conti F, Altobelli E, Manzoni T, and Frati L (2005) Amyotrophic lateral sclerosis and sports: a case-control study. *European Journal of Neurology* 12:223-225.
Matute C, Melone M, Vallejo-Illarramendi A, and Conti F (2005) Increased expression of the astrocytic glutamate transporter GLT-1 in the prefrontal cortex of schizophrenics. *Glia* 49:451-455.
Conti F, Minelli A, and Melone M (2004) GABA transporters in the mammalian cerebral cortex: localization, development and pathological implications. *Brain Research/Brain Research Reviews* 45:196-212.
Melone M, Quagliano F, Barbaresi P, Varoqui H, Erickson JD, and Conti F (2004) Localization of the glutamine transporter SNAT1 in rat cerebral cortex and neighboring structures, with a note on its localization in human cortex. *Cerebral Cortex* 14:562-574.
Alonso-Nanclares L, Minelli A, Melone M, Edwards RH, DeFelipe J, and Conti F (2004) Perisomatic glutamatergic axon terminals: a novel feature of cortical synaptology revealed by vesicular glutamate transporter 1 immunostaining. *Neuroscience* 123:547-556.
Melone M, Cozzi A, Pellegrini-Giampietro DE, and Conti F (2003) Transient focal ischemia triggers neuronal expression of GAT-3 in the rat perilesional cortex. *Neurobiology of Disease* 14:120-132.
Minelli A, Barbaresi P, and Conti F (2003) Postnatal development of high-affinity plasma membrane GABA transporters GAT-2 and GAT-3 in the rat cerebral cortex, *Brain Research/Developmental Brain Research* 142:7-18.
Minelli A, Alonso-Nanclares L, Edwards RH, DeFelipe J, and Conti F (2003) Postnatal development of the vesicular GABA transporter in rat cerebral cortex. *Neuroscience* 117:337-346.
Minelli A, Edwards RH, Manzoni T, and Conti F (2003) Postnatal development of the glutamate vesicular transporter VGLUT1 in the rat cerebral cortex. *Brain Research/Developmental Brain Research* 16:309-314.
Melone M, Bragina L, and Conti F (2003) Clozapine-induced reduction of glutamate transport in the frontal cortex is not mediated by GLAST and EAAC1. *Molecular Psychiatry* 8:12-13.
Conti F, and Irrera Conti S (2003) On Science and Literature: A lesson from the Bernard-Zola case. *BioScience* 53:865–869.
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Cherubini E, and Conti F (2001) Generating diversity at GABAergic synapses. *Trends in Neurosciences* 24:155-162.

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Conti F, and Weinberg RJ (1999) Shaping excitatory responses at central glutamatergic synapses. *Trends in Neurosciences* 22:451-458.
Conti F, Vitellaro-Zuccarello L, Barbaresi P, Minelli A, Brecha NC, Melone M (1999) Neuronal, glial, and epithelial localization of γ-aminobutyric acid transporter-2, a high-affinity γ -aminobutyric acid plasma membrane transporter, in the cerebral cortex and neighboring structures. *Journal of Comparative Neurology* 409:482-494.
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Conti F, De Biasi S, Minelli A, Rothstein JD, and Melone M (1998) EAAC1, a high-affinity glutamate transporter, is localized to neurons and astrocytes in the cerebral cortex. *Cerebral Cortex* 8:108-116.
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Conti F, and Minelli A (1994) Glutamate immunoreactivity in the rat cerebral cortex is reversibly abolished by 6-diazo-5-oxo-L-norleucine (DON), a phosphate activated glutaminase inhibitor. *Journal of Histochemistry and Cytochemistry* 42:717-726.
Conti F, De Biasi S, Minelli A, Manzoni T, and Stermini C (1994) Calcitonin gene-related peptide (CGRP) in the cat neocortex: Evidence for a sparse but widespread network of immunoreactive fibers. *Cerebral Cortex* 4:97-105.
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Manzoni T, Barbaresi P, and Conti F (1984) Callosal mechanisms for interhemispheric transfer of hand somatosensory information in the monkey. *Behavioural Brain Research* 11:155-170.
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Barbaresi P, Conti F, and Manzoni T (1982) Periaqueductal gray projection to the ventrobasal complex in the cat: an HRP study. *Neuroscience Letters* 30:205-209.

Essential bibliometric data on published papers

Mean IF	5,8
Total citations	>6500
	http://scholar.google.com/citations?hl=en&user=pmNb_AgAAAAJ&view_op=list_works&gmla=AJsN-F7GFwHlkNV7EzVQX5s_9Pn_NzIHO6rQSeQfSoiLdKAdFWbLc4-qv4qbnlSbhn7P1YdY8cvTS47EhQy9ex47q3OzRdk6pnTpoNAYctTHs5y2GbmAqWMEH_0OaVIM7vRIbi4rNNan
h-index	46 (GS); 41 (WoS); 41 (S)

Books

Conti F (2019) Fisiologia Medica. Milan, Edi-Ermes, 3rd edition, 2vol.
Conti F (2013) Claude Bernard e la nascita della biomedicina. Milan, Raffaello Cortina.
Conti F (ed) (2010) Fisiologia Medica. Milan, Edi-Ermes, 2nd edition, 2 vol.
Conti F (ed) (2005) Fisiologia Medica. Milan, Edi-Ermes, 1st edition, 2 vol. (Translated in spanish in 2010: *Fisiologìa Medica, McGraw Hill InterAmericana*).
Conti F, Hicks TP (eds) (1996) Excitatory Amino Acids & the Cerebral Cortex. Cambridge, MA, MIT Press, xiii-492.

Contributions to books

Conti F (2019) A 25 years-long journey with GABA transproters. UNIVPM50. Springer. *In press*.
Conti F (2010) Corteccia cerebrale. In *Dizionario di Medicina*. Roma, Istituto della Enciclopedia italiana fondata da Giovanni Treccani.
Conti F (2010) Omeostasi e sistemi fisiologici di regolazione e controllo. In *Fisiologia Medica*, F Conti (ed), Edi-Ermes, Milano 295-305.
Conti F (2010) Sistema nervoso: componenti e organizzazione. In *Fisiologia Medica,* F Conti (ed), Edi-Ermes, Milano 309-335.
Cherubini E, Conti F (2010) Trasmissione sinaptica: recettori e trasportatori dei neurotrasmettitori. In *Fisiologia Medica*, F Conti (ed), Edi-Ermes, Milano 179-218.
Conti F (2010) Organizzazione funzionale della corteccia cerebrale. In *Fisiologia Medica,* F Conti (ed), Edi-Ermes, Milano 351-384.
Conti F (2010) Somestesia. In *Fisiologia Medica,* F Conti (ed), Edi-Ermes, Milano 421-450.
Conti F (2006) Corteccia cerebrale. In *Dizionario storico della scienza della psiche*, F Barale, M Bertani, V Gallese, S Mistura and A Zamperini (eds), Giulio Einaudi Editore, Torino. vol I, 263-269.
Conti F, and Morabito C (2006) Mappa, *Dizionario storico della scienza della psiche*. F Barale, M Bertani, V Gallese, S Mistura and A Zamperini (eds), Giulio Einaudi Editore, Torino. Vol II, 678-684.
Conti F (2006) Omeostasi, In *Enciclopedia della Scienza e della Tecnica*. Roma, Istituto della Enciclopedia italiana fondata da Giovanni Treccani.
Conti F (2005) Omeostasi e sistemi fisiologici di regolazione e controllo. In *Fisiologia Medica*, F Conti (ed), Edi-Ermes, Milano 239-249.
Conti F (2005) Sistema nervoso: componenti e organizzazione. In *Fisiologia Medica,* F Conti (ed), Edi-Ermes, Milano 254-280.
Conti F (2005) Organizzazione funzionale della corteccia cerebrale. In *Fisiologia Medica,* F Conti (ed), Edi-Ermes, Milano 295-327.
Conti F (2005) Omeostasi e sistemi fisiologici di regolazione e controllo. In *Fisiologia Medica*, F Conti (ed), Edi-Ermes, Milano 239-249.
Conti F (2002) Sensibilità somatica e dolore. In *Fisiologia dell'Uomo*, PE di Prampero e A Veicsteinas (Eds). Edi-Ermes, Milano. 123-155.
Condorelli DF, Conti F, Gallo V, Kirchhoff, Seifert G, Steinhauser C, Verkhratsky A, and Yuan X (1999) Expression and functional analysis of glutamate receptors in glial cells. In *The functional Roles of Glial Cells in Health and Disease: Dialogue Between Glia and Neurons*, R Matsas and M Tsacopoulos (Eds). Plenum Press, New York, 468:49-67.
Conti F, and A Minelli (1996) The anatomy of glutamatergic transmission in the cerebral cortex. In *Excitatory Amino Acids & the Cerebral Cortex*, Conti F and TP Hicks, eds, MIT Press, Cambridge, MA, 81-98.
Conti F (1991) Toward the anatomical identification of glutamatergic neurons and synapses in the cerebral cortex. In *Excitatory Amino Acids 1990*, BS Meldrum, F Moroni, RP Simon, and JH Woods (Eds.), Fidia Research Foundation Series, vol. 6, Raven Press, New York, 45-53.
Conti F, M Fabri, and T Manzoni (1988) Aspartate-positive, cortico-cortical neurons in the somatic sensory areas I and II of cats. In *Frontiers in Excitatory Amino Acids Research*, EA Cavalheiro, J Lehmann, and L Turski (Eds.), Neurology and Neurobiology vol. 46, Alan R Liss, New York, 133-136.
DeFelipe J, F Conti, I Farinas, S VanEyck, and T Manzoni (1988) Glutamate-immunoreactive neurons and axon terminals in the neocortex of cats. In: *Frontiers in Excitatory Amino*

Acids Research, EA Cavalheiro, J Lehmann, and L Turski (Eds.), Neurology and Neurobiology vol. 46, Alan R Liss, New York, 129-132.

Conti F, Rustioni A, and P Petrusz (1987) Co-localization of glutamate and aspartate immunoreactivities in rat somatic sensory cortex neurons. In *Excitatory Amino Acid Transmission*, TP Hicks, D Lodge, and H McLennan (Eds.), Neurology and Neurobiology vol. 24, Alan R Liss, New York, 169-172.

Weinberg RJ., F Conti, S L Van Eyck, P Petrusz, and A Rustioni (1987) Glutamate-like immunoreactivity in rat substantia gelatinosa. In *Excitatory Amino Acid Transmission*, TP Hicks, D Lodge, and H McLennan (Eds.), Neurology and Neurobiology vol. 24, Alan R Liss, New York, 173-176.

Other pubblications (newspapers, popular press, media etc..)

Conti F (2019) Mappare il Cervello. *Corriere della Sera/Style*, Wednesday, june, 48-49.

Conti F (2019) Sulla Scienza che cambia. La lezione inascoltata di Alvin Weinberg. *Medicina e Cultura*, 2: 47-48.

Conti F (2019) A partire dai due neuroni di una lumaca. *L'Indice dei Libri del Mese*, 3: 15.

Conti F (2018) La divulgazione è un mestiere serio. *L'Indice dei Libri del Mese*, 6: 34.

Conti F (2018) Le neuroimmagini sono fotografie dei nsotri pensieri? *Il Sole-24 Ore/ Sanità 24*, may 30.

Conti F (2017) Big Science, con cautela. *Il Sole-24 Ore*, Sunday, june 25, 26.

Conti F (2017) Le fibre neuronali del calamaro. *L'Indice dei Libri del Mese*, 5:37.

Corbellini G, Conti F (2016) Ma non perdiamo la testa! *Il Sole-24 Ore*, Sunday, october 16, 35.

Conti F, Linari M (2016) Le soglie esagerate dell'ANVUR. *Il Sole-24 Ore*, Sunday, august 7, 22.

Conti F (2016) La scienza è servita. *Il Sole-24 Ore*, Sunday, july 10, 40.

Conti F, Corbellini G (2016) Università a pane secco e champagne per i privati. *L'Espresso* 21 (LXII) 51, may 26.

Conti F (2016) Le sinapsi riscrivono il "De Senectute". *Il Sole-24 Ore*, Sunday, may 15, 31

Conti F (2016) Contaminazioni fisiologiche. *L'Indice dei Libri del Mese*, 4: 19.

Conti F (2016) I test con gli animali ci salvano. Negarlo è una leggenda metropolitana. *La Stampa*, march 16, 29.

Conti F (2016) L'Introduction a l'étude de la médecine expérimentale. *Medicina e Chirurgia*, 68: 3112-3116,

Conti F (2015) L'angoscia di una spiegazione. *L'Indice dei Libri del Mese*, 3: 21.

Conti F (2014) Angelo Mosso, il pioniere. *Il Sole-24 Ore*, Sunday, december 14, 31.

Conti F (2014) Storia di un amnesico. National public TV *Rai Scuola* Nautilus, june 17; and *Rai Cultura*, august 5.

Conti F, Corbellini G, Morange M (2013) L'héritage scientifique de Claude Bernard. *Le Monde* (Science & Médecine, Tribune), Wednesday, december 11, 8

Conti F (2013) Neuroscienziati, fatevi sentire. *Il Sole-24 Ore*, Sunday, august 11, 27

Conti F, Irrera S (2013) EJ Marey, tra scienza e arte. *pH*, 2:2-12.

Conti F, Corbellini G (2013) Il padre della fisiologia. *Il Sole-24 Ore*, Sunday, may 5, 30.

Conti F (2011) At the roots of modern physiology. *pH*, 1:3-13.

Conti F (2010) Scienza & Arte: il caso di Marey. *EtruriaOggi*, 77:50-55.

Conti F (2010) Indimenticabile amnesico. *Darwin*, march-april, 64-65

Conti F, Corbellini G (2010) Il Club dei Monod-teisti. *Il Sole-24 Ore*, Sunday, january 31, 39.

Conti F, Angeleri F (2008) Brain and economic decisions. *EtruriaOggi* 70:67-71.

Conti F (2008) Neuroetica: la prospettiva delle neuroscienze, Radio interview on national broadcast RaiTre Scienza, *RaiTre Scienza* Do the right thing. May 30.

Conti F (2006) Il cervello sconosciuto. *Darwin*, may-june, 62-63.

Conti F, Irrera Conti S (2004) I movimenti del fisiologo. *Il Sole-24 Ore*, Sunday, may 9, 35.

Conti F (2003) Impatto della scoperta del DNA sulle neuroscienze, Radio interview on national public broadcast *RaiTre Scienza* The matter of life: Fifity years of DNA (by G. Corbellini e A. Grignolino). April 28.

Angeleri F, Conti F (2002) La nascita del tempo. *EtruriaOggi* 57: 36-41.

Conti F (2002) La figura Claude Bernard nella storia della fisiologia e della medicina. In *Memoria e attualità della Medicina*. Il Lavoro Editoriale, Ancona, pp. 84-124.

Conti F, Irrera Conti S (2002) Emile Zola, chirurgo del romanzo. *Il Sole-24 ore*, Sunday, january 13, 39.
Angeleri F, Conti F (2001) Questione di corteccia. *EtruriaOggi* 53/54: 48-53.

Invited lectures and seminars

"Cinquanta sfumature di etica". Second CNPA Convention, Università Federico II, Napoli (I), July 8, 2019.
"Le formiche nel cervello". DISVA, Università Politecnica delle Marche, Ancona (I), May 17, 2019.
"Le grandi spedizioni esplorative del cervello umano: come procedono e cosa si sta scoprendo". Festival della Scienza Medica, Bologna (I), May 12, 2019.
"Science & Philosophy: Where do we stand?". Young Researchers in Physiology Meeting, Anacapri (I) May 10, 2019.
"The good science" Workshop on Animal Welfare in Neuroscience Research, University of Rome Sapienza, Rome (I), November 22, 2018.
"Astrocyte-neuronal communication as a mechanism to regulate network excitability and synaptic transmission". Symposium on Glial Plasticity, 69th National meeting of the Italian Physiological Society, Florence (I). September 20, 2018.
"Le neuroimmagini sono fotografie dei nostri pensieri?" Festival della Scienza Medica, Bologna (I), May 5, 2018.
"Reflections on (contemporary) science". Young Researchers in Physiology Meeting, Anacapri (I) May 3, 2018.
"René Descartes e il suo ruolo nell'evoluzione del pensiero fisiologico". Macchine con la mente. Fisiologia e metafisica tra Cartesio e Spinoza. Dept of Philosophy, University of Milan, Milan (I). April 12, 2018.
"The unheard lesson of Alvin M Weinberg" SISSA Discussion Panel on The Changing Nature of Science in the XXI Century. SISSA, Trieste (I) March 21, 2018.
"Dieta mediterranea e Cervello" LUAS, Senigallia (I). February 15, 2018.
"From (small) Science to Big Science. History, limits, and perspectives", Master in Science Communication, SISSA, Trieste (I). February 12, 2018.
"Jules Verne e la Scienza" LUAS, Senigallia (I). January 11, 2018.
"Anatomo-fisiologia della memoria e dell'apprendimento". San Benedetto del Tronto (I). November 25, 2017.
"La buona scienza: informazione, disinformazione e percezione". Milano (I). October 26, 2017.
"Jules Verne e la Scienza", SHARPER, La notte dei ricercatori, Ancona (I). September 29, 2017.
"Le Neuroscienze: ieri, oggi e domani", Festival internazionale delle Neuroscienze del Mediterraneo, Bari (I). September 1, 2017.
"From the Earth to the Moon: Jules Verne and science", Scuola di Fisiologia of the Italian Physiological Society, Santa Cristina di Gubbio (I). June 7, 2017
"Viaggi (straordinari) e scienza: la lezione di Jules Verne", PhD Day, Istituto Superiore di Sanità, Rome (I), June 5, 2017.
"Towards a catalogue of Neuroscience museums, libraries and archives in italy". FENS European Brain Museum (EBM) meeting, Institut du Cerveau et de la Moelle épinière (ICM), Paris (F), May 23, 2017.
"Il sapore nel cervello: JA Brillat-Savarin e le radici della neurogastronomia". Teatro delle Muse, Ancona (I), May 18, 2017.
"Cibo e cervello: la dieta mediterranea". BAW, Trieste (I). March 16, 2017.
"Flavor in the brain: JA Brilliant-Savarin, and the roots of neurogastronomy". Istituto italiano di Cultura for the Malta BAW, Istituto italiano di Cultura, La Valletta (MT). March 13, 2017.
"Synaptic heterogeneity". National meeting of the PhD students in Neuroscience. Naples (I), February 24, 2017.
"From (small) Science to Big Science. History, limits, and perspectives", Master in Science Communication, SISSA, Trieste (I). February 20, 2017.
"JC Eccles, il Nobel-Maestro che ha unito tre secoli", LUAS, Senigallia (I). February 9, 2017.
"Cibo e cervello: l'affascinante storia di JA Brillat-Savarin", LUAS, Senigallia (I). February 2, 2017.

"Flavor in the brain. At the origin of neurogastronomy". Foggia College of Physicians Meeting: Food, Brain & Mind, Foggia, December 16, 2016.
"Mediterranean diet and brain function". Second University of Naples Meeting: Gino Bergami e Ancel Keys alle origini della dieta mediterranea. Naples (I), November 18, 2016.
"The Human Brain Project: an opportunity we can't afford to miss", HBP Summit 2016, Open Day. Florence (I), October 12, 2016,
"Brillat-Savarin was a neuroscientist". Istituto italiano di Cultura for the Lituanian Science Festival, Lituanian Academy of Sciences, Vilnius (LT). September 15, 2016.
"Brain Plasticity", Scuola internazionale di Riabilitazione Neurocognitiva, Santorso (VI), June 23, 2016.
"Brain Aging". Festival della Scienza Medica, Bologna (I), May 21, 2016
"That's science, baby". EBRI Meeting: Does the brain have a sex? Rome, May 20, 2016.
"Brillat-Savarin was a neuroscientist". Scuola di Fisiologia of the Italian Physiological Society, Santa Cristina di Gubbio. May 10, 2016.
"Resting state fMRI: A neurophysiological perspective". Clinica Hildebrand, Brissago (CH). March 11, 2016.
"Neuroscience and the Law", Master in Science Communication, SISSA, Trieste (I). Februrary 17, 2016.
"Neuroscience and the Law", LUAS, Senigallia (I). February 11, 2016.
"Invecchiamento cerebrale e declino cognitivo". Festival della Scienza Medica, Bologna (I), May 9, 2015.
"Scienza & Filosofia: Dove siamo?". Liceo Classico C. Rinaldini, Ancona (I). April 11, 2015.
"Neurotransmitter transporters unveil hidden features of synaptic physiology", Università Cattolica del Sacro Cuore. Rome (I), March 26, 2015.
"Phantom limb. From clinical curiosity to a window on the mind". Senza Senso, BAW, Trieste (I). March 20, 2015.
"Neurotransmitter transporters unveil hidden features of synaptic physiology". National meeting of the PhD students in Neuroscience. Naples (I), February 26, 2015.
"Scientific method and a vision of the neuroscience in Claude Bernard", National meeting of the PhD students in Neuroscience. Naples (I), February 26, 2015
"Brain aging", LUAS, Senigallia (I). January 15, 2015.
"Neuroscience and the Law", Master in Science Communication, SISSA, Trieste (I). January 20, 2015.
"In search of lost plasticity", INRCA IRCSS Workshop, Ancona (I). December 11, 2014.
"Neurotransmitter transporters unveil hidden features of synaptic physiology". National Neuroscience Society of Romania, Carol Davila University of Medicine and Pharmacy, Bucharest (RO). October 24, 2014.
"Science & Philosophy: Where are we?". Physiology and Philosophy: historical perspectives. Pre-Meeting Symposium of the 65th national Congress of the italian physiological society (SIF), Anacapri (I). September 28, 2014.
"Brain Aging". Nuove Frontiere della Medicina, Accademia Marchigiana di Scienze, Lettere e Arti, Ancona (I). June 13, 2014.
"Perché la sperimentazione animale è necessaria". Caffè Scientifico Gulliver. Ancona (I). June 3, 2014.
"Nano-scale localization of GAT-1 and GAT-3 at cortical GABAergic synspses" Glutamate/GABA and neuro-glia-vascular interplay in norm and pathology**,** Krakow (P). May 23, 2014.
"La prospettiva neuroscientifica". I segreti dell'anima: tra neuroscienze e teologia. Teatro delle Muse, Ancona (I). May 6, 2014
"Scienza e certezza/e". Oltre il mito della certezza: l'Uomo e la Scienza. XXVIII Convegno Nazionale dell'Istituto di Psicosintesi, Portonovo di Ancona (I). April 26, 2014.
"Synaptic heterogeneity. Vive la différénce?". Pomeriggi scientifici, Department of Biology, University of Padua, Padua (I). April 16, 2014.
"Claude Bernard e la nascita della biomedicina". Caffè Tommaseo, Trieste (I). March 20, 2014.
"Neuroscience and the Law", Master in Science Communication, SISSA, Trieste (I), March 19, 2014.
"Claude Bernard e la nascita della biomedicina". Infinitamente. Festival della Scienza e delle Arti 2014, Verona (I), March 16, 2014.

"Claude Bernard e la nascita della medicina scientifica". *Opening Lecture*, Med Seminar 2014, Roma (I), March 6, 2014.
"Novel mechanism(s) for synaptic homeostasis", Department of Life Sciences and System Biology, University of Turin, Turin (I). February 13, 2014.
"Claude Bernard e la nascita della biomedicina". Accademia delle Scienze, Turin (I). February 12, 2014.
"Claude Bernard e la nascita della biomedicina". Public Lecture, Liceo Classico "G Perticari", Senigallia (I), February 6, 2014.
"Come funziona la scienza" LUAS, Liceo Scientifico E. Medi, Senigallia (I). January 17, 2014.
"Brain aging and synaptic plasticity". La diagnostica delle demenze: dalla ricerca alla pratica clinica. INRCA, Ancona (I). December 10, 2013.
"Claude Bernard e la nascita della biomedicina". Attualita' di Claude Bernard, nel bicentenario della nascita. Accademia Medica di Roma. Rome (I), November 25, 2013.
"Claude Bernard e la nascita della medicina scientifica". *Lectio Magistralis*, Festival della Scienza 2013, Palazzo Ducale. Genua (I), October 30, 2013
"Neural plasticity & Brain Aging". Summer School of the Italian Society of Gerontology and Geriatrics. Ancona (I). July 11, 2013.
"Claude Bernard and the birth of biomedicine". Keynote Lecture, Young Researchers Meeting, Italian Physiological Society. Anacapri (I), May 21, 2013.
"The contribution of Claude Bernard to Physiology and Medicine". The scientific legacy of Claude Bernard. A tribute on the bicentenary of his birth". Accademia dei Lincei, Rome, May 7, 2013.
"Cerebral plasticity: from synapses to cognitive enhancement", BAW Neuroplasticity and Motor Learning, Trieste (I), March 15, 2013.
"Brain and Environment" BAW, Ancona (I), March 12, 2013.
"Brain plasticity", Liceo Classico "G Perticari", Senigallia (I), December 13, 2012.
"Novel mechanism(s) for synaptic homeostasis", Achucarro Basque Center for Neuroscience, Bilbao (Spain). November 25, 2012.
"Commemoration of Tullio Manzoni", 63rd Meeting of the Italian Pyhysiological Society, Verona (I). September 23, 2012.
"Brain, guilt & punishment", Master in Science Communication, SISSA, Trieste (I), June 25, 2012.
"The Brain", BAW, Ancona (I), March 15, 2012.
"Memory & Forgetting", LUAS, Senigallia (I). February 2, 2012.
"Brain Plasticity". PhiloNeuro Seminar Series, Department of Philosophy, University of Milan, Milano, November 24, 2011.
"Culture & Research for the Future". Public Lecture, Serra de' Conti (I), November 16, 2011.
"From why to how: Claude Bernard and the birth of modern life sciences", Kiwanis Club, Senigallia (I). January 23, 2009.
"From why to how: Claude Bernard and the birth of modern life sciences". CEINGE, Napoli (I). February 25, 2011.
"The emerging role of GLT-1 in schizophrenia. CEINGE, Napoli (I). February 25, 2011.
"Cognitive enhancement". Seminars in Neuroradiology, Ancona (I), February 15, 2011.
"The nature of pain", Il Dolore: immagini dall'arte, immagini dalla scienza. Università Politecnica delle Marche, Ancona (I). February 11, 2011.
"Feeling art: brain and aesthetic experience", Exhibition of Corrado Cagli, Serra de' Conti (I), September 11, 2010.
"Neurobiology of schizophrenia: the case of glutamate", Master in Science Communication, SISSA, Trieste (I), June 21, 2010.
"Excitatory synapses and cognitive enhancement", Conference on Neuroethics, Padova (I), May 7, 2010.
"Religion and Neurosciences", UAAR Darwin Day, University G. d'Annunzio, Chieti (I). February 18, 2010.
"What, if anything, is neuroeconomics?", UniTre, Senigallia (I). January 28, 2010.
"A new look at the localization and function of the glutamate transporter GLT-1 (EAAT2) in the mammalian cerebral cortex", Department of Physiology, University of Siena, Siena (I). December 4, 2009.

"Neuroscience and religious belief", Symposium on Darwin: science, history, and society, University G. d'Annunzio, Chieti (I). November 19, 2009.
"Neuroethics: An introduction", RUI (Residenza Universitaria Internazionale), Rome (I), October 28, 2009.
"The nature of science", Lions Host, Ancona (I), October 23, 2009.
"Central nervous system plasticity", School on Neurocognitive rehabilitation, Santa Maria di Leuca (I) June 25, 2009.
"From why to how: Claude Bernard and the birth of modern life sciences", Università Vita e Salute, San Raffaele Hospital, Milano (I). May 28, 2009.
"From why to how: Claude Bernard and the birth of modern life sciences", Department of Physiology, Unviersity of Pisa, Pisa (I). May 12, 2009.
"The nature of science", UniTre, Senigallia (I). February 2, 2009.
"From why to how: Claude Bernard and the birth of modern life sciences", Kiwanis Club, Senigallia (I). January 23, 2009.
"Plasticity of the cerebral cortex", Workshop on Sports rehabilitation, L'Aquila (I). December 12, 2008.
"Sens inférieurs et expérience esthétique: Spéculations neuroanatomiques", Institut de France Conference on Inquietudes de la Modernité, Firenze (I). December 6, 2008.
"Plasticity of the sensorimotor cortex", International symposium on The organ of the brain, Schio (I). November 14, 2008.
"Commemoration of Franco Angeleri", Università Politecnica delle Marche, Ancona (I). October 16, 2008.
"The emerging role of GLT-1 in schizophrenia", 4th Wierzba Conference on Glutamate in the tripartite synapse: functional and metabolic relations in norm and pathology, Wierzba (Poland). August 26, 2008.
"The functional role of GAT-1 in neocortex", Symposium of the italian league against epilepsy, Mestre (I). June 4, 2008.
"From why to how: Claude Bernard and the birth of modern life sciences", University G. d'Annunzio, Chieti (I). May 20, 2008.
"The nature of science", Forum on Science: Fear or Hope?, Comune di Sassoferrato and Rotary Club, Sassoferrato (I). May 10, 2008.
"Consciousness and vegetative states: the neurophysiological perspective", Round table at FEST 2008 (International Science Media Fair), Trieste (I). April 19, 2008.
"The emerging role of GLT-1 in schizophrenia", Campus Bio-Medico University, Rome (I). March 11, 2008.
"Plasticity of the adult brain", UniTre, Senigallia (I). January 24, 2008.
"Neuroethics: A view from the Lab", Internation School of Philosophy and History of Biology and Medicine, Nettuno (I). November 5, 2007.
"The role of the GABA transporter GAT-1 in phasic and tonic inhibition in the cerebral cortex", IIT (Italian Institute of Technology), Genova (I). July 25, 2007.
"The emerging role of GLT-1 in schizophrenia", Symposium on Regulation of neurotransmitter transporters and its functional implications, 7th IBRO World Congress of Neuroscience, Melbourne (Australia). July 15, 2007.
"Towards a neurobiology of economics?", Department of Economics, Università Politecnica delle Marche, Ancona (I). June 22, 2007.
"Glutamate and schizophrenia: A role for GLT-1?", Department of Pharmacology and Toxicology, Università of Genova, Genova (I). March 8, 2007.
"The emerging role of GLT-1 in schizophrenia", Università Vita & Salute, San Raffaele Hospital, Milan (I). January 29, 2007.
"The emerging role of GLT-1 in schizophrenia", 2nd Mediterranean Neuroscience Conference, Marrakech (Morocco). December 13, 2006.
"E.J. Marey: the art of movement", Neuroscience Café at the Antico Caffè San Marco, Trieste (I). November 9, 2006
"Neuroethics: An introduction", Workshop on Bioethics, Ancona (I). November 7, 2006.
"Glutamate and schizophrenia: A role for GLT-1?", Brain Mind Institute, Ecole Polytechnique Fédérale de Lausanne, Lausanne (Switzerland). September 27, 2006.
"Glutamate and schizophrenia: A role for GLT-1?", Conference on Molecular Basis of Neurological and Psychiatric Diseases, Martin (SK). September 9, 2006.

"Glutamatergic transmission and schizophrenia", Conference on Neuroscience and Psychiatry, Turin (I). June 14, 2006.
"Scientific research as a mean of dialogue between peoples and cultures", University of Ancona and European Community Conference on Europe for citizens, *Ancona (I)*. May 10, 2006.
"Heterogeneity of glutamatergic and GABAergic axon terminals in cerebral cortex", Department of Physiology and Biochemistry, University of Pisa, Pisa (I). April 28, 2006.
"Novel aspects of the neurobiology of schizophrenia" SISSA Colloquium (International School for Advanced Studies), Trieste (I). February 3, 2006.
"The role of synaptic plasticity in brain cognitive functions", Department of Philosophy, Third University of Rome, Rome (I). December 21, 2005.
"Habituation: a neurophysiological perspective" Department of Philosophy, University of Cassino, Cassino (I). October 19, 2005.
"Organization and molecular characterization of glutamatergic and GABAergic axon terminals in the cerebral cortex", Symposium on Emerging aspects in synaptic physiology, National meeting of the italian physiological society, Ischia (I). October 1, 2005.
"Localization of SNAT1 and SNAT2 in the cerebral cortex", 3rd Wierzba Conference on Glutamate in CNS metabolism and neurotransmission: intereactions at the inter- and intracellular level, Wierzba (Poland). August 30, 2005.
"Reorganizational plasticity in the cerebral cortex", Workshop on Repair processes in rehabilitation, Gavinana (I). May 27, 2005
"The input of the neurosciences to the body-mind relationship", Conference on Believing in God on the path of Science, Ancona (I). December 4, 2004.
"Taking up too much glutamate at cortical synapses…may be harmful", 6th INBB Meeting, Naples (I). November 6, 2004.
"Heterogeneity of axon terminals expressing VGLUT1 in the cerebral cortex", Synposium on Physiology of the Presynapse: from molecules to plasticity, 55th Meeting of the Italian Physiological Society, Pisa (I). October 5, 2004.
"Mind/Body vs. Mind/Brain: The viewpoint of the neurosciences", CNR Institute for the history of modern philosophical and scientific culture, Naples (I). September 17, 2004.
"Glutamate transporters and schizophrenia", Joint Italy-Israel Meeting in Neurosciences, Eilat (Israele). December 14, 2003.
"Glutamate transporters: localization and possible implications for schizophrenia", Institute of Physiological Sciences, University of Urbino, Urbino (I). April 29, 2003.
"Claude Bernard", Neuroscience Café at the Antico Caffè San Marco, Trieste (I). April 10, 2003.
"Glutamate & Schizophrenia: New answers for an old question?", (International School for Advanced Studies), Trieste (I). April 10, 2003.
"GABA transporters: Localization, development and possible role in cerebral ischemia", Department of Physiology and Biochemistry, University of Pisa, Pisa (I). April 1, 2003.
"Glutamate and schizophrenia: New answers for an old question?", Department of Neurosciences, University of Naples Federico II, Naples (I). March 28, 2003.
"Increased GLT-1 expression in the prefrontal cortex of schizophrenics", Juan March Conference on "Synaptic Dysfunction & Schizophrenia", Madrid (Spain). February 12, 2003.
"Glutamate and schizophrenia: New answers for an old question?", Department of Neurosciences, Mario Negri Institute, Milan (I). January 31, 2003.
"Glutamate and schizophrenia: New answers for an old question?" Institute of Human Physiology, University of Parma, Parma (I). December 17, 2002.
"A role for GABA transporters in the pathophysiology of cerebral ischemia?", 10th meeting of the italian society of clinical hemorheology, Emoreologia Clinica, L'Aquila (I). November 15, 2002.
"Glutamate & schizophrenia: the emerging role of transporters", Jacques Monod Conference, Anglet (France). June 10, 2002.
"GABA transporters and the pathophysiology of cerebral ischemia", Department of Biomedical technologies, University of l'Aquila, L'Aquila (I). April 18, 2002.
"Glutamatergic synapses and plasticity", Workshop on Basic sciences and rehabilitation, Pisa (I). January 18, 2002.

"Glutamate and schizophrenia: A role for GLT-1?", Department of Physiology and Biochemistry, University of Pisa, Pisa (I). January 18, 2002.
"Glutamate and schizophrenia", Department of Physiology, University of Bologna, Bologna (I). November 30, 2001.
"GABA transporters in cerebral cortex", Workshop on GABA transporter localization, development, and function, Winter Conference on Brain Research, Steamboat Springs, CO (USA). January 27, 2001.
"Localization of GABA transporters in the cerebral cortex", International Conference on GABA and Glycine Receptors, Cairns (Australia). July 29, 2000.
"Localization and regulation of GLT-1, a high affinity glutamate transporter", Departamento de Neurociencias, Universidad del Pais Vasco, Bilbao (Spain). December 17, 1999.
"Mechanisms of cortical reorganizational plasticity", Annual Meeting of the Italian Society of Clinical Neurophysiology, Trieste (I). September 6, 1998.
"Expression of glutamate receptors in cortical glia", 3rd European Meeting on Glial Cell function in Health and Disease, Athens (Greece). May 8, 1998.
"Mechanisms of reorganizational plasticity in the cerebral cortex", Workshop on Space cognition and movement: organization, dysfunction and recovery, E. Majorana Center for Scientific Culture, Erice (I). March 14, 1998.
"Mechanisms of cortical reorganizational plasticity", Institute of Human Physiology, University of Parma, Parma (I). January 8, 1998.
"A role for the glutamatergic system in cortical reorganization?", 2nd Berlin Workshop on Cortical Plasticity, Berlin (Germany). November 28, 1997.
"Localization of NMDA receptors in the cerebral cortex", 1st Mediterranean Neuroscience Conference, Montpellier (France). September 20, 1997.
"The localization of glutamate receptors in the cerebral cortex", Institute of Human Physiology, Università La Sapienza, Rome (I). June 5, 1997.
"Emerging concepts in the localization of glutamate receptors and transporters", SISSA (International School for Advanced Studies), Trieste (I). April 18, 1997.
"Lesion-induced changes in glutamatergic system suggest a role for glial cells in cortical reorganizational plasticity", Centro de Ciencas da Saude, Universidase Federal de Pernambuco, Recife, PE (Brazil). August 29, 1996.
"Cellular localization of GABA transporters in the cerebral cortex", Instituto de Biofisica Carlos Chagas Filho, Rio de Janeiro, RJ (Brazil). August 26, 1996.
"The anatomy of glutamatergic transmission in the cerebral cortex", Plenary Lecture at the XI Reuniao Anual da Federacao de Sociedade de Biologia Experimental (FESBE), Caxambu, MG (Brazil). August 24, 1996.
"Cellular localization of high-affinity plasma membrane GABA transporters in the cerebral cortex", Department of Neurology and Neurosurgery, Universidade Federal de Sao Paulo, Sao Paulo, SP (Brazil). August 20, 1996.
"Cellular localization and distribution of GABA and Glu transporters in the cerebral cortex", Institut d'Anatomie, Universitè de Lausanne (Switzerland). January 26, 1996.
"Anatomical studies on the astrocytic expression of Glu receptors and transporters", Max Delbruck Centrum fur Molekulare Medizin, Berlin (Germany). January 24, 1996.
"Glutamatergic transmission and reorganizational plasticity", Workshop on Adult neural plasticity: Common features across multiple sensory modalities, Winter Conference on Brain Research, Whistler, BC (Canada). January 29, 1993.
"Neurotransmitters and the functional reorganization of the cerebral cortex", Symposium on Neurotransmitters and neuromodulators: molecular and functional aspects, Italian Physiological Society, Rome (I). September 24, 1992.
"Glutamatergic neurons in the cerebral cortex", Department of Animal Biology, University of Turin (I). June 25, 1991.
"The anatomy of memory", Workshop on Computer-assisted rehabilitation, Rome (I), July 6, 1990.
"Glutamatergic neurons in the cerebral cortex", Laboratory of Neuropsychology, NIMH, Bethesda, MD (USA). June 25, 1990.
"Glutamatergic neurons and synapses in the mammalian cerebral cortex, as studied by immunocytochemistry", Brain Research Institute and Department of Anatomy and Cell Biology, University of California at Los Angeles, Los Angeles, CA (USA). June 22, 1990.

"Anatomical and pharmacological studies on neocortical glutamate-immunoreactive neurons", Department of Anatomy and Neurobiology, University of California at Irvine, Irvine, CA (USA). June 21, 1990.
"Neurotrasmitters of mammalian cortico-cortical projections", Department of Psychology, Vanderbilt University, Nashville, TN (USA). June 19, 1990.
"Toward the anatomical identification of glutamatergic neurons and synapses in the cerebral cortex", Excitatory Amino Acids 1990 (Fidia Research Foundation Symposium), Montegrotto Terme (I). May 22, 1990.
"Endogenous antinociceptive mechanisms", 2nd meeting of the italian association of sport psychology, Senigallia (I). April 22, 1990.
"Excitatory amino acids", School on Methods in Neuroscience: Immunohistochemistry, Modena (I). February 23, 1990.
"Excitatory neurotransmitters in the mammalian cerebral cortex", Institute of Human Physiology, University of Catania (I). March 23, 1989.
"Neurotransmitters of pyramidal neurons in the mammalian neocortex" Cajal Institute, CSIC, Madrid (Spain). May 17, 1988.
"Glutamatergic neurons in the cerebral cortex", Neurological Institute C. Besta, Milan (I). May 5 1987.
"An ultrastructural study of glutamate-positive neurons and terminals in the cerebral cortex", Excitatory Amino Acids' 88, Manaus (Brazil). March 29, 1988.
"The callosal connections of somatic sensory areas in monkeys", Laboratory of Neuropsychology, NIMH, Bethesda, MD (USA). August 22, 1986.
"The anatomical organization of the reciprocal callosal connections between the first and the second somatosensory areas in monkeys", Conference on Perspectives in Neurophysiology, Siena (I). October 23, 1984.

Funding

2018	PSA_UNIVPM (PI)
2016	MIUR/PRIN (Local Coordinator)
2013	Telethon (Collaborator)
2011	MIUR/PRIN (Local Coordinator)
2011	Giorgini Foundation
2008	MIUR/PRIN (Local Coordinator)
2005	MIUR/PRIN (Local Coordinator)
2004	Giorgini Foundation
2003	MURST/PRIN (National Coordinator)
2001	Stanley Foundation/NAMI Res Inst
2001	MURST/PRIN (National Coordinator)
1999	MURST/PRIN (Local Coordinator)
1998	Stanley Foundation/NAMI Res Inst
1998	Telethon
1997	MURST/PRIN (Local Coordinator)
1995	CNR (PB 94.02382.CT04)
1993	NATO (CRG. 910273, rinnovo)
1992	CNR (PB 92.01008.CT04)
1991	NATO (CRG.910273)
1990	CNR (AI90.01371.04)
1989	CNR (AI89.01151.04)
1994-2012	Università Politecnica delle Marche (formerly Università di Ancona)
1987-1994	MURST
1988-1990	Regione Marche

***Ad Hoc* Reviewer**

Journals

ACS Neuroscience
Archives italiennes de Biologie
African Journal of Pharmacy and Pharmacology
Biological Psychiatry

BMC Neuroscience
Brain Research Bulletin
British Journal of Pharmacology
Croatian Medical Journal
European Journal of Neuroscience
Experimental Neurology
Frontiers in Aging Neuroscience
Frontiers in Cellular Neuroscience
Frontiers in Endocrinology
Frontiers in Molecular Neuroscience
Frontiers in Pharmacology
Frontiers in Psychiatry
Glia
Journal of Cell Science
Journal of Electrophys Techniques
Journal of Experimental Biology
Journal of Neural Transmission
Journal of Neurophysiology
Journal of Neuroscience Methods
Journal of Pharmacy Pharmacology
Journal of Physiology
Molecular Psychiatry
Nature Reviews Mol Cell Biology
Neurobiology of Disease
Neuropharmacology
Neuroscience
Neuroscience Letters
Neurosignals
Peer Journal
PloS ONE
Progr Neuropsychopharm
Science
Somatosensory and Motor Research
Trends in Pharmacological Sciences
Brain Research
Brain Structure and Function
Cerebral Cortex
Curr Op Invest Drug
Experimental Brain Research
FEMS Microbiology Letters
Frontiers in Behavioral Neuroscience
Frontiers in Cheistry
Frontiers in Human Neuroscience
Frontiers in Neuroanatomy
Frontiers in Physiology
Frontiers in Veterinary Science
Histology amd Histopathology
Journal of Comparative Neurology
Journal of Histochem and Cytochem
Journal of Neural Regeneration Res
Journal of Neurochemistry
Journal of Neuroscience
Journal of Neuroscience Research
Journal of Psychopharmacology
Medicinal Research Review
Nature Communications
Neural Plasticity
Neurochemistry International
Neuropsychopharmacology
Neuroscience & Biobehav Reviews
Neuroscience Research
Nutritional Neuroscience
Pharmacol, Biochem and Behavior
Progress in Neurobiology
Schizophrenia Research
Scientific Reports
Synapse

Agencies

Agence National de la Recherche (F)
Austrian Science Fund (FWF; A)
British Council/CRUI/MIUR (I-UK)
CIR Projects (I)
CIVR (I)
CRUI/DAAS (I-D)
European Community (EU, Neurosciences)
FIRB/MIUR (I)
FISM (I)
Flanders Research Foundation (Fonds Wetenschappelijk Onderzoek, FWO; B)
Georgia National Science Foundation (GE)
Human Brain Project (EU)
Human Frontier Science Program
INSERM/CNRS (F)
Israel-USA Science Program (USA)
MIUR_FIRB (I)
MIUR_Futuro in Ricerca (I)
MIUR_Montalcini (I)
MIUR_PRIN (I)
MIUR_SIR (I)
National Science Foundation (USA)
NATO

Rustaveli Foundation (GE)
von Humboldt Foundation (D)
VQR 2004-2010 (I)
Wellcome Trust (UK)

Universities
Bowman-Gray School of Medicine (USA)
Consejo Superior Investigaciones Cientificas (E)
Ecole des Neurosciences de PARIS
Ecole Politecnique Federal de Lausanne (CH)
IMT School for Advances Studies (I)
International School for Advanced Studies of Trieste (SISSA)
Kent State University (USA)
Leuven University (B)
Scuola Normale Superiore (I)
Università Autonoma di Madrid (E)
Università Campus Bio-Medico (I)
University of Bonn (D)
University of Indiana (USA)
University of Texas at San Antonio (USA)
University of California at Los Angeles (UCLA) (USA)
University of Liège (B), ARC (Action de Recherche Concerté)

Other professional activities
Organization of symposia, congresses etc..
"64th" Meeting of the italian physiological society", Portonovo (I). September 18-20, 2013
"52nd Meeting of the italian physiological society" (with T Manzoni), Ancona (I). September 25-28, 2001.
"Excitatory Amino Acids & the Cerebral Cortex" (with TP Hicks), International Symposium Funded by CEC, DG XII, Portonovo (I). May 20-24, 1995.

"Canalopatie e malattie neurologiche: nuove frontiere per la terapia" (with C. Ferrarese), Symposium at the XLVIII Meeting of the Italian Society of Neurology, Naples (I). October 16, 2016.
"Social Neuroscience (with M. Maj), Symposium at the Congress of the italian Society for Neuroscience, Ischia (I). October 7, 2017.
"Parkinson's disease: toward a better integration between basic and clinical research? (with L. Provinciali), Symposium at the Congress of the italian Society for Neuroscience, Ischia (I). October 1, 2017.
"Alzheimer's diseaase: Molecular pathogenesis and clinical features" (with C. Ferrarese), Symposium at the XLVII Meeting of the Italian Society of Neurology, Venice (I). October 23, 2016.
"Divulgare le Neuroscienze", SINS School (with G. Corbellini), Milan (I). October 17-18, 2016
"In search of lost plasticity", Workshop at INRCA IRCCS, Ancona (I). December 11, 2014.
"Physiology and Philosophy: historical perspectives" (with A Colantuoni), Pre-Meeting Symposium of the 65th Annual Meeting of the italian physiological society (SIF), Anacapri (I). September 28, 2014.
"Glial modulation of neurotransmitter signalling" (with M Matteoli), Symposium at the XV Congress of the italian Society of Neuroscience (SINS), Rome (I). October 4, 2013.
"The senescent synapse". Pre-meeting Symposium at Annual Meeting of the italian physiological society (SIF), Ancona Portonovo (I). September 18, 2013.
"The scientific legacy of Claude Bernard. A tribute on the bicentenary of his birth" (with G Corbellini), Symposium of the Accademia Nazionale dei Lincei, Roma (I). May 7, 2013.
"Glutamate/GABA-corelease: a new mechanism for synaptic homeostasis?" (with F Benfenati), Symposium at the Annual Meeting of the italian physiological society, Verona (I). September 24, 2012.

"Transport of neurotransmitters" (with M Matteoli), Symposium at the international Meeting TRANSPORTERS 2006, Parma (I). September 7, 2006.
"Emerging aspects in synaptic physiology" (with E Cherubini), Symposium at the Congress of the italian Society for Neuroscience, Ischia (I). October 1, 2005.
"Factors generating heterogeneity at central synapses", Symposium at the Annual Meeting of the italian physiological society, Rome (I). September 23, 1999.
"Glutamatergic transmission: A view from the dendrite" (with RJ Weinberg), Society for Neuroscience Synposium, Washington, DC (USA). November 19, 1996.

Organization of conferences and events for the general public etc

"Science & Philosophy", Conferences for the general pubblic, Ancona (I), 2000-2017 (for details: http://fiorenzocontigroup.it/main?p=ricerca_fisio_group_conti_scienza)
"Franco Angeleri Lectures", Conferences for the general public. Ancona (I), 2010-2017 (for details:http://fiorenzocontigroup.it/main?p=ricerca_fisio_group_conti_miscel_Angeleri)
"INRCA Lecture on Brain Aging", Conferences for the general public. Ancona (I), 2013-2017
"Il Dolore. Immagini dall'arte, immagini dalla scienza", Exhibition and conferences on pain (with F Benedetti and C Caputi). Ancona (I), February 11-25, 2011.

Editorial boards

Archives italiennes de Biologie (Editorial Board)
Frontiers in Neuroanatomy (Associate Editor)
Neuroglia (Editorial Board)
The Open Neuroscience Journal (2007-2014)

Darwin
pH (Editor)