Elenco dei titoli e delle pubblicazioni scientifiche
Settore Concorsuale:06/A1 - GENETICA MEDICA
Prima Fascia

MASSIMO GENNARELLI

Posizione accademica

Settore Scientifico Disciplinare:	MED/03 - Genetica medica
Qualifica:	Professore Ordinario
Anzianità nel ruolo:	01/01/2016
Sede Universitaria:	Università degli Studi di BRESCIA
Struttura di afferenza (dipartimento o altro):	MEDICINA MOLECOLARE E TRASLAZIONALE

Posizioni ricoperte precedentemente nel medesimo ateneo o in altri

Periodo	Fascia	Ateneo
01/11/2002	Professore II Fascia	Università degli Studi di BRESCIA
01/01/2016	Professore I Fascia	Università degli Studi di BRESCIA

Pubblicazioni scientifiche

2019	Articolo in rivista Vita A, Minelli A, Barlati S, Deste G, Giacopuzzi E, Valsecchi P, Turrina C, Gennarelli M. Treatment-Resistant Schizophrenia: Genetic and Neuroimaging Correlates. Front Pharmacol. 2019 Apr 16;10:402. doi: 10.3389/fphar.2019.00402. eCollection 2019. Review. PubMed PMID: 31040787; PubMed Central PMCID: PMC6476957.
2019	Articolo in rivista Maffioletti E, Gennarelli M, Gainelli G, Bocchio-Chiavetto L, Bortolomasi M, Minelli A. BDNF Genotype and Baseline Serum Levels in Relation to Electroconvulsive Therapy Effectiveness in Treatment-Resistant Depressed Patients. J ECT. 2019 Feb 26. doi: 10.1097/YCT.0000000000000583. [Epub ahead of print] PubMed PMID: 30994478.
2019	Articolo in rivista Filippini A, Gennarelli M, Russo I. α-Synuclein and Glia in Parkinson's Disease: A Beneficial or a Detrimental Duet for the Endo-Lysosomal System? Cell Mol Neurobiol. 2019 Mar;39(2):161-168. doi: 10.1007/s10571-019-00649-9. Epub 2019 Jan 14. Review. PubMed PMID: 30637614.
2018	Articolo in rivista Giacopuzzi E, Gennarelli M, Sacco C, Filippini A, Mingardi J, Magri C, Barbon A. Genome-wide analysis of consistently RNA edited sites in human blood reveals interactions with mRNA processing genes and suggests correlations with cell types and biological variables. BMC Genomics. 2018 Dec 27;19(1):963. doi: 10.1186/s12864-018-5364-8. PubMed PMID: 30587120; PubMed Central PMCID: PMC6307200.
2018	Articolo in rivista Bonvicini C, Scassellati C, Benussi L, Di Maria E, Maj C, Ciani M, Fostinelli S, Mega A, Bocchetta M, Lanzi G, Giacopuzzi E, Ferraboli S, Pievani M, Fedi V, Defanti CA, Giliani S; Alzheimer's Disease Neuroimaging Initiative, Frisoni GB, Ghidoni R, Gennarelli M. Next Generation Sequencing Analysis in Early Onset Dementia Patients. J Alzheimers Dis. 2019;67(1):243-256. doi: 10.3233/JAD-180482. PubMed PMID: 30530974; PubMed Central PMCID: PMC6398561.

2018	Articolo in rivista Magri C, Giacopuzzi E, La Via L, Bonini D, Ravasio V, Elhussiny MEA, Orizio F, Gangemi F, Valsecchi P, Bresciani R, Barbon A, Vita A, Gennarelli M. A novel homozygous mutation in GAD1 gene described in a schizophrenic patient impairs activity and dimerization of GAD67 enzyme. Sci Rep. 2018 Oct 19;8(1):15470. doi: 10.1038/s41598-018-33924-8. PubMed PMID: 30341396; PubMed Central PMCID: PMC6195539.
2018	Articolo in rivista Roulot M, Minelli A, Bortolomasi M, Maffioletti E, Gennarelli M, Borsotto M, Heurteaux C, Mazella J. Increased serum levels of sortilin-derived propeptide after electroconvulsive therapy in treatment-resistant depressed patients. Neuropsychiatr Dis Treat. 2018 Sep 6;14:2307-2312. doi: 10.2147/NDT.S170165. eCollection 2018. PubMed PMID: 30233189; PubMed Central PMCID: PMC6132490.
2018	Articolo in rivista Minelli A, Magri C, Giacopuzzi E, Gennarelli M. The effect of childhood trauma on blood transcriptome expression in major depressive disorder. J Psychiatr Res. 2018 Sep;104:50-54. doi: 10.1016/j.jpsychires.2018.06.014. Epub 2018 Jun 26. PubMed PMID: 29975859.
2018	Articolo in rivista Bocchio-Chiavetto L, Zanardini R, Tosato S, Ventriglia M, Ferrari C, Bonetto C, Lasalvia A, Giubilini F, Fioritti A, Pileggi F, Pratelli M, Pavanati M, Favaro A, De Girolamo G, Frisoni GB, Ruggeri M, Gennarelli M; GET UP Group. Immune and metabolic alterations in first episode psychosis (FEP) patients. Brain Behav Immun. 2018 May;70:315-324. doi: 10.1016/j.bbi.2018.03.013. Epub 2018 Mar 13. PubMed PMID: 29548996.
2018	Articolo in rivista Collo G, Cavalleri L, Bono F, Mora C, Fedele S, Invernizzi RW, Gennarelli M, Piovani G, Kunath T, Millan MJ, Merlo Pich E, Spano P. Ropinirole and Pramipexole Promote Structural Plasticity in Human iPSC-Derived Dopaminergic Neurons via BDNF and mTOR Signaling. Neural Plast. 2018 Feb 4;2018:4196961. doi: 10.1155/2018/4196961. eCollection 2018. PubMed PMID: 29531524; PubMed Central PMCID: PMC5817382.

2017	Articolo in rivista Maffioletti E, Salvi A, Conde I, Maj C, Gennarelli M, De Petro G, Bocchio-Chiavetto L. Study of the in vitro modulation exerted by the antidepressant drug escitalopram on the expression of candidate microRNAs and their target genes. Mol Cell Neurosci. 2017 Dec;85:220-225. doi: 10.1016/j.mcn.2017.10.005. Epub 2017 Oct 25. PubMed PMID: 29079539.
2017	Articolo in rivista Giacopuzzi E, Gennarelli M, Minelli A, Gardella R, Valsecchi P, Traversa M, Bonvicini C, Vita A, Sacchetti E, Magri C. Exome sequencing in schizophrenic patients with high levels of homozygosity identifies novel and extremely rare mutations in the GABA/glutamatergic pathways. PLoS One. 2017 Aug 7;12(8):e0182778. doi: 10.1371/journal.pone.0182778. eCollection 2017. PubMed PMID: 28787007; PubMed Central PMCID: PMC5546675.
2017	Articolo in rivista Bono F, Savoia P, Guglielmi A, Gennarelli M, Piovani G, Sigala S, Leo D, Espinoza S, Gainetdinov RR, Devoto P, Spano P, Missale C, Fiorentini C. Role of Dopamine D2/D3 Receptors in Development, Plasticity, and Neuroprotection in Human iPSC-Derived Midbrain Dopaminergic Neurons. Mol Neurobiol. 2018 Feb;55(2):1054-1067. doi: 10.1007/s12035-016-0376-3. Epub 2017 Jan 14. PubMed PMID: 28092083.
2017	Articolo in rivista Milanesi E, Zanardini R, Rosso G, Maina G, Barbon A, Mora C, Minelli A, Gennarelli M, Bocchio-Chiavetto L. Insulin-like growth factor binding protein 2 in bipolar disorder: An expression study in peripheral tissues. World J Biol Psychiatry. 2018 Dec;19(8):610-618. doi: 10.1080/15622975.2017.1282172. Epub 2017 Feb 15. PubMed PMID: 28090803.
2016	Articolo in rivista Gardella R, Sacchetti E, Legati A, Magri C, Traversa M, Gennarelli M. Compound heterozygosity for a hemizygous rare missense variant (rs141999351) and a large CNV deletion affecting the FSTL5 gene in a patient with schizophrenia. Psychiatry Res. 2017 Dec;258:598-599. doi: 10.1016/j.psychres.2016.10.057. Epub 2016 Oct 29. PubMed PMID: 28043646.

2016	Articolo in rivista Devader C, Roulot M, Moréno S, Minelli A, Bortolomasi M, Congiu C, Gennarelli M, Borsotto M, Heurteaux C, Mazella J. Serum sortilin-derived propeptides concentrations are decreased in major depressive disorder patients. J Affect Disord. 2017 Jan 15;208:443-447. doi: 10.1016/j.jad.2016.10.049. Epub 2016 Nov 4. PubMed PMID: 27838145.
2016	Articolo in rivista Rosso G, Zanardini R, Chiodelli DF, Ferrari C, Gennarelli M, Bocchio-Chiavetto L. Serum Levels of Insulin-Like Growth Factor-1 and Obsessive-Compulsive Disorder: A Case-Control Study. Neuropsychobiology. 2016;74(1):15-21. doi: 10.1159/000446918. Epub 2016 Jul 27. PubMed PMID: 27459640.
2016	Articolo in rivista Maj C, Minelli A, Giacopuzzi E, Sacchetti E, Gennarelli M. The Role of Metabotropic Glutamate Receptor Genes in Schizophrenia. Curr Neuropharmacol. 2016;14(5):540-50. Review. PubMed PMID: 27296644; PubMed Central PMCID: PMC4983747.
2016	Articolo in rivista Minelli A, Congiu C, Ventriglia M, Bortolomasi M, Bonvicini C, Abate M, Sartori R, Gainelli G, Gennarelli M. Influence of GRIK4 genetic variants on the electroconvulsive therapy response. Neurosci Lett. 2016 Jul 28;626:94-8. doi: 10.1016/j.neulet.2016.05.030. Epub 2016 May 17. PubMed PMID: 27222927.
2016	Articolo in rivista Maffioletti E, Cattaneo A, Rosso G, Maina G, Maj C, Gennarelli M, Tardito D, Bocchio-Chiavetto L. Peripheral whole blood microRNA alterations in major depression and bipolar disorder. J Affect Disord. 2016 Aug;200:250-8. doi: 10.1016/j.jad.2016.04.021. Epub 2016 Apr 20. PubMed PMID: 27152760.

2016	Articolo in rivista Bonini D, Mora C, Tornese P, Sala N, Filippini A, La Via L, Milanese M, Calza S, Bonanno G, Racagni G, Gennarelli M, Popoli M, Musazzi L, Barbon A. Acute Footshock Stress Induces Time-Dependent Modifications of AMPA/NMDA Protein Expression and AMPA Phosphorylation. Neural Plast. 2016;2016:7267865. doi: 10.1155/2016/7267865. Epub 2016 Feb 4. PubMed PMID: 26966584; PubMed Central PMCID: PMC4757710.
2016	Articolo in rivista Bocchetta M, Mega A, Bernardi L, Di Maria E, Benussi L, Binetti G, Borroni B, Colao R, Di Fede G, Fostinelli S, Galimberti D, Gennarelli M, Ghidoni R, Piaceri I, Pievani M, Porteri C, Redaelli V, Rossi G, Suardi S, Babiloni C, Scarpini E, Tagliavini F, Padovani A, Nacmias B, Sorbi S, Frisoni GB, Bruni AC; SINdem Collaborators. Genetic Counseling and Testing for Alzheimer's Disease and Frontotemporal Lobar Degeneration: An Italian Consensus Protocol. J Alzheimers Dis. 2016;51(1):277-91. doi: 10.3233/JAD-150849. PubMed PMID: 26901402.
2016	Articolo in rivista Squitti R, Ventriglia M, Gennarelli M, Colabufo NA, El Idrissi IG, Bucossi S, Mariani S, Rongioletti M, Zanetti O, Congiu C, Rossini PM, Bonvicini C. Erratum to: Non-Ceruloplasmin Copper Distincts Subtypes in Alzheimer's Disease: a Genetic Study of ATP7B Frequency. Mol Neurobiol. 2017 Jan;54(1):682-683. doi: 10.1007/s12035-016-9734-4. PubMed PMID: 26819212.
2016	Minelli A, Abate M, Zampieri E, Gainelli G, Trabucchi L, Segala M, Sartori R, Gennarelli M, Conca A, Bortolomasi M. Seizure Adequacy Markers and the Prediction of Electroconvulsive Therapy Response. J ECT. 2016 Jun;32(2):88-92. doi: 10.1097/YCT.0000000000000274. PubMed PMID: 26397151.
2015	Articolo in rivista Nielsen Maria Gabriela, Congiu Chiara, Bortolomasi Marco, Bonvicini Cristian, Bignotti Stefano, Abate Maria, Milanesi Elena, Conca Andreas, Cattane Nadia, Tessari Elisabetta, Gennarelli Massimo, Minelli Alessandra (2015). MTHFR: Genetic variants, expression analysis and COMT interaction in major depressive disorder. JOURNAL OF AFFECTIVE DISORDERS, vol. 183, p. 179-186, ISSN: 0165-0327, doi: 10.1016/j.jad.2015.05.003

2015	Articolo in rivista Cattane Nadia, Minelli Alessandra, Milanesi Elena, Maj Carlo, Bignotti Stefano, Bortolomasi Marco, Bocchio Chiavetto Luisella, Gennarelli Massimo (2015). Altered gene expression in schizophrenia: findings from transcriptional signatures in fibroblasts and blood. PLOS ONE, vol. 10, ISSN: 1932-6203, doi: 10.1371/journal.pone.0116686
2015	Articolo in rivista Minelli Alessandra, Magri Chiara, Barbon Alessandro, Bonvicini Cristian, Segala Matilde, Congiu Chiara, Bignotti Stefano, Milanesi Elena, Trabucchi Luigi, Cattane Nadia, Bortolomasi Marco, Gennarelli Massimo (2015). Proteasome system dysregulation and treatment resistance mechanisms in major depressive disorder. TRANSLATIONAL PSYCHIATRY, vol. 5, p. 1-8, ISSN: 2158-3188, doi: 10.1038/tp.2015.180
2015	Articolo in rivista Minelli Alessandra, Abate Maria, Zampieri Elisa, Gainelli Giulio, Trabucchi Luigi, Segala Matilde, Sartori Riccardo, Gennarelli Massimo, Conca Andreas, Bortolomasi Marco (2015). Seizure Adequacy Markers and the Prediction of Electroconvulsive Therapy Response. THE JOURNAL OF ECT, ISSN: 1095-0680, doi: 10.1097/YCT.0000000000000274
2015	Articolo in rivista S. Valbonesi, C. Magri, M. Traversa, S. V. Faraone, A. Cattaneo, E. Milanesi, V. Valenti, M. Gennarelli, C. Scassellati (2015). Copy number variants in attention-deficit hyperactive disorder: identification of the 15q13 deletion and its functional role.. PSYCHIATRIC GENETICS, vol. 25, p. 59-70, ISSN: 0955-8829, doi: 10.1097/YPG.0000000000000056
2014	Articolo in rivista Maffioletti E, Tardito D, Gennarelli M, Bocchio-Chiavetto L (2014). Micro spies from the brain to the periphery: new clues from studies on microRNAs in neuropsychiatric disorders.. FRONTIERS IN CELLULAR NEUROSCIENCE, ISSN: 1662-5102, doi: 10.3389/fncel.2014.00075

2014	Articolo in rivista Bonvicini C, Milanesi E, Pilotto A, Cattane N, Premi E, Archetti S, Padovani A, Gennarelli M, Borroni B (2014). Understanding phenotype variability in frontotemporal lobar degeneration due to granulin mutation.. NEUROBIOLOGY OF AGING, ISSN: 0197-4580, doi: 10.1016/j.neurobiolaging.2013.10.097
2014	Articolo in rivista Scassellati C, Zanardini R, Tiberti A, Pezzani M, Valenti V, Effedri P, Filippini E, Conte S, Ottolini A, Gennarelli M, Bocchio-Chiavetto L (2014). Serum brain-derived neurotrophic factor (BDNF) levels in attention deficit-hyperactivity disorder (ADHD).. EUROPEAN CHILD & ADOLESCENT PSYCHIATRY, ISSN: 1018-8827, doi: 10.1007/s00787-013-0447-1
2014	Contributo in Atti di convegno Magri C., Giacopuzzi E., Valsecchi P., Traversa M., Gardella R., Borsani G., Barlati S., Sacchetti E., Gennarelli M. (2014). Whole exome sequencing of schizophrenia patients with high level of autozygosity.. In: XXII World Congress of Psychiatric Genetics. vol. 1, p. 100-101, XXII World Congress of Psychiatric Genetics Ed, Copenhagen (Danimarca), 12-16/10/2014
2014	Abstract in Atti di convegno Collo G., Cavalleri L., Bono F., Fedele S., Gennarelli M., Piovani G., Merlo Pich E., Millan M.J., Kunath T., Taylor V., Spano P. (2014). Human iPS cell-derived dopaminergic neurons reveal role for D3 receptors and mTOR in induction of structural plasticity by antiparkinson DA agonists. In: 9th FENS Forum of Neuroscience. milano, 5-9 luglio 2014
2014	Abstract in Atti di convegno Magri C., Giacopuzzi E., Valsecchi P., Traversa M., Gardella R., Borsani G., Barlati S., Sacchetti E., Gennarelli M. (2014). Whole exome sequencing of schizophrenia patients with high level of autozygosity.. In: Associazione Italiana di Biologia e Genetica. XVI Congresso Nazionale AIBG. Napoli, 26-27/09/2014
2014	Poster Magri C., Giacopuzzi E., Valsecchi P., Traversa M., Gardella R., Borsani G., Barlati S., Sacchetti E., Gennarelli M. (2014). Whole exome sequencing of schizophrenia patients with high level of autozygosity.. In: European Society of Human Genetics. European Human Genetics Conferences 2014. Milano, 31-03/06/2013
2014	Poster Giacopuzzi E., Magri C., Minelli A., Valsecchi P., Monchieri S., Borsani G., Sacchetti E., Gennarelli M. (2014). Study of the genetic architecture behind mood disorders by whole exome sequencing on a large Italian pedigree. In: European Society of Human Genetics. European Human Genetics Conference 2014. Milano, 31-03/06/2014

2013	Articolo in rivista Minelli A, Maffioletti E, Bortolomasi M, Conca A, Zanardini R, Rillosi L, Abate M, Giacopuzzi M, Maina G, Gennarelli M, Bocchio-Chiavetto L (2013). Association between baseline serum vascular endothelial growth factor levels and response to electroconvulsive therapy.. ACTA PSYCHIATRICA SCANDINAVICA, ISSN: 0001-690X, doi: 10.1111/acps.12187
2013	Articolo in rivista Anacker C, Cattaneo A, Luoni A, Musaelyan K, Zunszain PA, Milanesi E, Rybka J, Berry A, Cirulli F, Thuret S, Price J, Riva MA, Gennarelli M, Pariante CM (2013). Glucocorticoid-related molecular signaling pathways regulating hippocampal neurogenesis.. NEUROPSYCHOPHARMACOLOGY, ISSN: 0893-133X, doi: 10.1038/npp.2012.253
2013	Articolo in rivista Sacchetti E, Scassellati C, Minelli A, Valsecchi P, Bonvicini C, Pasqualetti P, Galluzzo A, Pioli R, Gennarelli M. (2013). Schizophrenia susceptibility and NMDA-receptor mediated signalling: an association study involving 32 tagSNPs of DAO, DAOA, PPP3CC, and DTNBP1 genes.. BMC MEDICAL GENETICS, vol. 14, p. 33-41, ISSN: 1471-2350, doi: 10.1186/1471-2350-14-33
2013	Articolo in rivista Ventriglia M, Zanardini R, Bonomini C, Zanetti O, Volpe D, Pasqualetti P, Gennarelli M, Bocchio-Chiavetto L (2013). Serum brain-derived neurotrophic factor levels in different neurological diseases.. BIOMED RESEARCH INTERNATIONAL, ISSN: 2314-6133, doi: 10.1155/2013/901082
2013	Articolo in rivista Milanesi E1, Bonvicini C, Alberici A, Pilotto A, Cattane N, Premi E, Gazzina S, Archetti S, Gasparotti R, Cancelli V, Gennarelli M, Padovani A, Borroni B. (2013). Molecular signature of disease onset in granulin mutation carriers: a gene expression analysis study. . NEUROBIOLOGY OF AGING, ISSN: 0197-4580
2013	Articolo in rivista Anacker C, Cattaneo A, Musaelyan K, Zunszain PA, Horowitz M, Molteni R, Luoni A, Calabrese F, Tansey K, Gennarelli M, Thuret S, Price J, Uher R, Riva MA, Pariante CM (2013). Role for the kinase SGK1 in stress, depression, and glucocorticoid effects on hippocampal neurogenesis.. PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, ISSN: 0027-8424, doi: 10.1073/pnas.1300886110

2013	Articolo in rivista Minelli A, Maffioletti E, Cloninger CR, Magri C, Sartori R, Bortolomasi M, Congiu C, Bignotti S, Segala M, Giacopuzzi M, Gennarelli M (2013). Role of allelic variants of FK506-binding protein 51 (FKBP5) gene in the development of anxiety disorders.. DEPRESSION AND ANXIETY, ISSN: 1091-4269, doi: 10.1002/da.22158
2012	Articolo in rivista Perroud N, Uher R, Ng MY, Guipponi M, Hauser J, Henigsberg N, Maier W, Mors O, Gennarelli M, Rietschel M, Souery D, Dernovsek MZ, Stamp AS, Lathrop M, Farmer A, Breen G, Aitchison KJ, Lewis CM, Craig IW, McGuffin P. (2012). Genome-wide association study of increasing suicidal ideation during antidepressant treatment in the GENDEP project. . PHARMACOGENOMICS JOURNAL, vol. 12, p. 68-77, ISSN: 1470-269X
2012	Articolo in rivista Cattaneo A, Gennarelli M, Uher R, Breen G, Farmer A, Aitchison KJ, Craig IW, Anacker C, Zunsztain PA, McGuffin P, Pariante CM (2012). Candidate Genes Expression Profile Associated with Antidepressants Response in the GENDEP Study: Differentiating between Baseline 'Predictors' and Longitudinal 'Targets'. NEUROPSYCHOPHARMACOLOGY, ISSN: 0893-133X, doi: 10.1038/npp.2012.191
2012	Articolo in rivista Di Maria E, Giorgio E, Uliana V, Bonvicini C, Faravelli F, Cammarata S, Galimberti D, Scarpini E, Zanetti O, Gennarelli M, Tabaton M (2012). Possible Influence of a Non-Synonymous Polymorphism Located in the NGF Precursor on Susceptibility to Late-Onset Alzheimer's Disease and Mild Cognitive Impairment.. JOURNAL OF ALZHEIMER'S DISEASE, vol. 29, p. 699-705, ISSN: 1387-2877, doi: 10.3233/JAD-2012-112006
2012	Articolo in rivista Scassellati C, Bonvicini C, Faraone SV, Gennarelli M (2012). Biomarkers and attention-deficit/hyperactivity disorder: a systematic review and meta-analyses.. JOURNAL OF THE AMERICAN ACADEMY OF CHILD AND ADOLESCENT PSYCHIATRY, ISSN: 0890-8567, doi: 10.1016/j.jaac.2012.08.015
2012	Articolo in rivista Milanesi E, Minelli A, Cattane N, Cattaneo A, Mora C, Barbon A, Mallei A, Popoli M, Florio V, Conca A, Bignotti S, Gennarelli M (2012). ErbB3 mRNA leukocyte levels as a biomarker for major depressive disorder.. BMC PSYCHIATRY, vol. 12, p. 145-159, ISSN: 1471-244X, doi: 10.1186/1471-244X-12-145

2012	Articolo in rivista Minelli A, Scassellati C, Cloninger CR, Tessari E, Bortolomasi M, Bonvicini C, Giacopuzzi M, Frisoni GB, Gennarelli M (2012). PCLO gene: Its role in vulnerability to major depressive disorder.. JOURNAL OF AFFECTIVE DISORDERS, vol. 139, p. 250-255, ISSN: 0165-0327, doi: 10.1016/j.jad.2012.01.028
2012	Articolo in rivista Need AC, McEvoy JP, Gennarelli M, Heinzen EL, Ge D, Maia JM, Shianna KV, He M, Cirulli ET, Gumbs CE, Zhao Q, Campbell CR, Hong L, Rosenquist P, Putkonen A, Hallikainen T, Repo-Tiihonen E, Tiihonen J, Levy DL, Meltzer HY, Goldstein DB (2012). Exome sequencing followed by large-scale genotyping suggests a limited role for moderately rare risk factors of strong effect in schizophrenia.. AMERICAN JOURNAL OF HUMAN GENETICS, ISSN: 0002-9297, doi: 10.1016/j.ajhg.2012.06.018
2012	Articolo in rivista Ruggeri M, Bonetto C, Lasalvia A, De Girolamo G, Fioritti A, Rucci P, Santonastaso P, Neri G, Pileggi F, Ghigi D, Miceli M, Scarone S, Cocchi A, Torresani S, Faravelli C, Zimmermann C, Meneghelli A, Cremonese C, Scocco P, Leuci E, Mazzi F, Gennarelli M, Brambilla P, Bissoli S, Bertani ME, Tosato S, De Santi K, Poli S, Cristofalo D, Tansella M (2012). A multi-element psychosocial intervention for early psychosis (GET UP PIANO TRIAL) conducted in a catchment area of 10 million inhabitants: study protocol for a pragmatic cluster randomized controlled trial.. TRIALS, vol. 13, p. 73, ISSN: 1745-6215, doi: 10.1186/1745-6215-13-73
2011	Articolo in rivista Minelli A, Bonvicini C, Scassellati C, Sartori R, Gennarelli M. (2011). The influence of psychiatric screening in healthy populations selection: a new study and meta-analysis of functional 5-HTTLPR and rs25531 polymorphisms and anxiety-related personality traits.. BMC PSYCHIATRY, vol. 11, p. 50, ISSN: 1471-244X
2011	Articolo in rivista Borroni B, Pilotto A, Bonvicini C, Archetti S, Alberici A, Lupi A, Gennarelli M, Padovani A. (2011). Atypical presentation of a novel Presenilin 1 R377W mutation: sporadic, late-onset Alzheimer disease with epilepsy and frontotemporal atrophy. . NEUROLOGICAL SCIENCES, ISSN: 1590-1874
2011	Articolo in rivista Barbon A, Orlandi C, La Via L, Caracciolo C, Tardito D, Musazzi L, Mallei A, Gennarelli M, Racagni G, Popoli M, Barlati S. (2011). Antidepressant treatments change 5-HT2C receptor mRNA expression in rat prefrontal/frontal cortex and hippocampus. NEUROPSYCHOBIOLOGY, vol. 63, p. 160-168, ISSN: 0302-282X, doi: 10.1159/000321593

2011	Articolo in rivista Borroni B., Bonvicini C., Galimberti D., Tremolizzo L., Papetti A., Archetti S., Turla M., Alberici A., Agosti C., Premi E., Appollonio I., Rainero I., Ferrarese C., Gennarelli M., Scarpini E., Padovani A. (2011). Founder effect and estimation of the age of the Progranulin Thr272fs mutation in 14 Italian pedigrees with frontotemporal lobar degeneration.. NEUROBIOLOGY OF AGING, vol. 32, ISSN: 0197-4580
2011	Articolo in rivista Minelli A, Zanardini R, Abate M, Bortolomasi M, Gennarelli M, Bocchio-Chiavetto L. (2011). Vascular Endothelial Growth Factor (VEGF) serum concentration during electroconvulsive therapy (ECT) in treatment resistant depressed patients.. PROGRESS IN NEURO-PSYCHOPHARMACOLOGY & BIOLOGICAL PSYCHIATRY, vol. 35, p. 1322-1325, ISSN: 0278-5846
2011	Articolo in rivista Borroni B, Grassi M, Archetti S, Papetti A, Del Bo R, Bonvicini C, Comi GP, Gennarelli M, Bellelli G, Di Luca M, Padovani A. (2011). Genetic background predicts poor prognosis in frontotemporal lobar degeneration. . NEURODEGENERATIVE DISEASES, vol. 8, p. 289-295, ISSN: 1660-2854
2011	Articolo in rivista Barbon A, Caracciolo L, Orlandi C, Musazzi L, Mallei A, La Via L, Bonini D, Mora C, Tardito D, Gennarelli M, Racagni G, Popoli M, Barlati S. (2011). Chronic antidepressant treatments induce a time-dependent up-regulation of AMPA receptor subunit protein levels. NEUROCHEMISTRY INTERNATIONAL, vol. 59, p. 896-905, ISSN: 0197-0186, doi: 10.1016/j.neuint.2011.07.013
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1993	Articolo in rivista NOVELLI G., M. GENNARELLI, SANGIUOLO F., D'AGRUMA L., LO CICERO S., MELCHIONDA S., DALLAPICCOLA B. (1993). ISOLATION AND CLONING BY A POLYMERASE CHAIN REACTION OF A GENOMIC DNA FRAGMENT OF THE HUMAN SLOW SKELETAL TROPONIN (TNNT1) GENE.. CELL BIOCHEMISTRY AND FUNCTION, vol. 11, p. 187-191, ISSN: 0263-6484
1992	Articolo in rivista MELCHIONDA S., COBO A., M. GENNARELLI, MARTORELL L., FATTORINI C., BAIGET M., DE MUNAIN A.L., JOHNSON K., SHELBOURNE P., NOVELLI G., DALLAPICCOLA B. (1992). EXPANSION OF THE MYOTONIC DYSTROPHY GENE IN ITALIAN AND SPANISH PATIENTS. JOURNAL OF MEDICAL GENETICS, vol. 29, p. 789-790, ISSN: 0022-2593
1992	Articolo in rivista M. GENNARELLI, MELCHIONDA S., FATTORINI C., NOVELLI G., DALLAPICCOLA B. (1992). GENOTYPING OF SPINAL MUSCULAR ATROPHY FAMILIES WITH LINKED DNA PROBES.. CLINICAL GENETICS, vol. 42, p. 317-319, ISSN: 0009-9163
1992	Articolo in rivista NOVELLI G., M. GENNARELLI, DE SANTIS L., ANGELONI P, DALLAPICCOLA B. (1992). INOSINE--CONTAINING PRIMERS IN HUMAN PAPILLOMAVIRUS DETECTION BY POLYMERASE CHAIN REACTION. BIOMÉDECINE & PHARMACOTHÉRAPIE, vol. 46, p. 167-169, ISSN: 0753-3322
1992	Articolo in rivista NOVELLI G., M. GENNARELLI, ZELANO G., SANGIUOLO F., LO CICERO S., SAMSON F., DALLAPICCOLA B. (1992). POLYMERASE CHAIN REACTION IN THE DETECTION OF mRNA TRANSCRIPTS FROM THE SLOW SKELETAL TROPONIN T (TNNT1) GENE IN MYOTONIC DYSTROPHY AND NORMAL MUSCLE.. CELL BIOCHEMISTRY AND FUNCTION, vol. 10, p. 251-256, ISSN: 0263-6484
1992	Articolo in rivista NOVELLI G, M. GENNARELLI, ROCCHI MM, DALLAPICCOLA B (1992). ASSIGNEMENT OF THE SLOW TROPONIN (TNNT1) GENE TO CHROMOSOME 19 USING THE POLYMERASE CHAIN REACTION. HUMAN GENETICS, vol. 88, p. 697-698, ISSN: 0340-6717
1991	Articolo in rivista M. GENNARELLI, NOVELLI G., COBO A., BAIGET M., DALLAPICCOLA B. (1991). 3' CREATINE KINASE (M-TYPE) POLYMORPHISMS LINKED TO MYOTONIC DYSTROFY IN ITALIAN AND SPANISH POPULATIONS.. HUMAN GENETICS, vol. 87, p. 654-656, ISSN: 0340-6717

1991		Articolo in rivista NOVELLI G, M. GENNARELLI, POTENZA L, ANGELONI P, DALLAPICCOLA B. (1991). STUDY OF THE EFFECTS ON DNA OF ELECTROMAGNETIC FIELDS USING CLAMPED HOMOGENEOUS ELECTRIC FIELD GEL ELECTROPHORESIS.. BIOMÉDECINE & PHARMACOTHÉRAPIE, vol. 45, p. 451-454, ISSN: 0753-3322

Titoli

Responsabilità scientifica per progetti di ricerca internazionali e nazionali, ammessi al finanziamento sulla base di bandi competitivi che prevedano la revisione tra pari

- Come coordinatore:
  -1998: progetto Telethon 1061 "Genotype/phenotype correlation in Myotonic Dystrophy: relationship between DMPK-DMAHP expression and disease progression" (Durata 24 mesi)
  -2000: progetto Finalizzata del Ministero della Salute RF/2000 "Pharmacogenetics of typical and atypical antipsychotics" (Durata 24 mesi)
  - 2001: progetto di Ricerca finanziato dalla Fondazione Cariplo “Ricerca di geni di suscettibilità per le psicosi maggiori e proposta di acquisto di uno strumento innovativo di analisi molecolare”(Durata 24 mesi)
  -2001: progetto Finalizzata del Ministero della Salute RF2001 "New strategies for the research of susceptibility genes for mood disorder" (Durata 24 mesi)
  -2004: progetto Finalizzata del Ministero della Salute RF2004 “Potentiality of new agonists of the receptor NMDA glycine site in the therapy of schizophrenia” (Durata 24 mesi)
  -2004: Progetto Fondazione Cariplo “Susceptibility genes for endophenotypes associated to psychiatric disorders and dementia” (Durata 24 mesi)
  -2006: Progetto Fondazione Mariani “Attention deficit Hyperactivity Disorder: clinical and preclinical studies” (Durata 24 mesi)
  -2007: Progetto Ricerca Finalizzata del Ministero della Salute “Innovative strategies for depression treatment: new pharmacological targets and preclinical studies for personalization of therapy” (Durata 24 mesi)
  -2007: Progetto Strategico Ricerca Finalizzata del Ministero della Salute RF/2007 GET-UP sottoprogetto GUITAR “Genetic data Utilization and Implementation of Targeted drug Administration in the clinical Routine” (Durata 24 mesi)
  -2011: Progetto Regione Lombardia (ID: 17387 SAL-13) "Biomarkers for the personalization of treatment in mood disorders" (Durata 24 mesi)
  -2013 Progetto investimenti in conto capitale, attrezzature e strumenti per la ricerca sanitaria del Ministero della Salute, “Implementazione di una piattaforma tecnologica per il miglioramento della diagnosi e la personalizzazione delle cure nei pazienti affetti da patologie psichiatriche” (Durata 36 mesi)
  -2015 progetto H&W (Ateneo Unibs) REFRACT, (durata 36 mesi)
  -2017: Progetto Ricerca Finalizzata del Ministero della Salute RF2016 N.02361697 “Towards Precision Medicine in Psychiatry: Clinical Validation of a combinatorial pharmacogenomic approach” (durata 36 mesi)

- Come responsabile di Unità Operativa:
  - 1999: progetto di Ricerca Strategica del Ministero della Sanità RFS/99, IRCCS Centro S. Giovanni di Dio RF 99.70 "Neurodegenerazione, invecchiamento cerebrale fisiologico e demenza, approccio integrato per una diagnosi precoce, per predittori di evoluzione, per trattamenti innovativi, per organizzazione d'assistenza avanzata";
  -1999: Progetto Ricerca Finalizzata del Ministero della Salute "Malattie genetiche: estensione della rete nazionale dei servizi di diagnostica genetica e sua proiezione europea" (Durata 24 mesi)
  -2000: Progetto Ricerca Finalizzata del Ministero della Salute "Funzione cognitive psichiche nella Distrofia Miotonica di Steinert: correlazione con i dati genetici e di neuroimmagini" (Durata 24 mesi)
  -2000: Progetto Ricerca Finalizzata del Ministero della Salute "Studio degli effetti ormoni estrogeni sulle funzioni cognitive e nella Malattia di Alzheimer" (Durata 24 mesi)
  -2001: FIRB Progetti Negoziali “Farmacogenetica e farmacogenomica dei farmaci antipsicotici: identificazione di marcatori molecolari e profili genomici associati alla efficacia terapeutica e alla tossicità” (Durata 42 mesi)
  -2001: Progetto Fondazione Cariplo 2001 "Genomica funzionale delle citochine: identificazione di geni di suscettibilità comuni per alcune patologie complesse frequenti" (Durata 24 mesi)
  -2001: Progetto Ricerca Finalizzata del Ministero della Salute "Approccio molecolare allo studio dei geni coinvolti nelle funzioni mnestiche e cognitive" (Durata 24 mesi)
  -2002: Progetto Ricerca Finalizzata del Ministero della Salute "Consulenza genetiche per le demenze ereditarie. Progetto pilota per la strutturazione di un
  servizio di counseling genetico" (Durata 24 mesi)
  -2003: PRIN “Meccanismi molecolari, analisi genetica e fenotipi clinici delle distrofie miotoniche” (Durata 24 mesi)
  -2003: Progetto Ricerca Finalizzata del Ministero della Salute "Diagnosi, Terapia e Riabilitazione della schizofrenia" (Durata 24 mesi)
  -2003: Progetto Ricerca Finalizzata del Ministero della Salute “Demenza frontotemporale e Disturbi del movimento associati" (Durata 24 mesi)
  - 2003: Unità Aggregata nel progetto di Ricerca Europeo multicentrico GENDEP “Studio dei fattori genetici che influenzano la risposta al trattamento farmacologico della depressione
  -2010: Progetto Giovani Ricercatori del Ministero della Salute "MEF promotes stemness in the pathogenesis of gliomas" (Durata 36 mesi)
  2013 Progetto Ricerca Finalizzata del Ministero della Salute" Neuroplasticity and AD: integrated approach to identify biological and neurophysiological markers (durata 36 mesi)

Altri titoli che contribuiscano a una migliore definizione del profilo scientifico

- Dal Febbraio 1999 al Ottobre 2002 è stato dirigente Ricercatore presso l'IRCCS - Centro S. Giovanni di Dio, Fatebenefratelli di Brescia.

  Dal 2003 è consulente per IRCCS, Centro S. Giovanni di Dio, Fatebenefratelli di Brescia e Direttore del laboratorio di Genetica che dal Gennaio 2003 è convenzionato con il Dip. di Scienze Biomediche e Biotecnologie, poi Dip. di Medicina Molecolare e Traslazionale dell’Università degli Studi di Brescia

  Dal 2005 è responsabile della Linea1 (preclinica) della Ricerca Corrente. IRCCS, Centro S. Giovanni di Dio, Fatebenefratelli di Brescia
  dal 01-02-1999 a oggi
  Coordinatore del Gruppo di Lavoro SIGU (Società Italiana di Genetica Umana)
- “Farmacogenomica”
  dal 01-04-2012 al 31-03-2016