CURRICULUM VITAE

Sara Mascheretti, Ph.D.
Associate Research Scientist, Child Psychopathology Unit, Scientific Institute, IRCCS Eugenio Medea, Bosisio Parini, Lecco, Italy

Date of birth: 3rd May 1983
Nationality: Italian
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Current Positions:

August 2012 – today: Person in charge of the research projects aimed at identifying the molecular basis, neuroanatomical pathways and cognitive markers of developmental dyslexia at the Child Psychopathology Unit (Primary Physician: Dr. M. Molteni), Scientific Institute, IRCCS Eugenio Medea, Bosisio Parini, Italy

May 2013 - today: Clinical consultant at the Centro Medico Santagostino – Poliambulatorio Specialistico, Milan, Italy (Primary Physician: Dr. M. Cucchi)

April 2019 – today: Associate Professor, Faculté des sciences sociales - Université Laval, Québec (Canada)

2012 – today: Member of the Behavior Genetics Association

Qualifications:

2005: B.Sc. in Psychology – Vita-Salute San Raffaele University, Milan, Italy. Thesis title: "*The efficacy of non-pharmacological pain reduction methods in premature infants*"

2007: M.Sc. in Clinical Psychology – Vita-Salute San Raffaele University, Milan, Italy. Thesis title: "*Pleiotropic effect of the, DYX1C1 gene on language abilities*" (Magna cum laude)

2012: Ph.D. in Developmental Psychopathology - The Academic Centre for the Study of Behavioral Plasticity (Director: Prof. M. Battaglia), Vita-Salute San Raffaele University, Milan, Italy. Thesis title: "*Developmental dyslexia: The role of putatively hazardous factors and candidate genes in a gene-by-environment perspective*" (Supervisors: Prof. M. Battaglia and Dr. C. Marino)

Licenses:

2008: Induction into the Order of Psychologists of Lombardia, Italy (n.03/12138)

2012: Induction into the Behavior Genetics Association as Associate Member

2015: Italian Licence: practicing Cognitive and Behavioural Psychoptherapy

Further research training:

2007: Volunteer research assistant to Dr. C. Marino at the Child Psychopathology Unit (Primary Physician: Dr. M. Molteni), Scientific Institute, IRCCS Eugenio Medea, Bosisio Parini, Italy

2008: Full-time research assistant to Dr. C. Marino at the Child Psychopathology Unit (Primary Physician: Dr. M. Molteni), Scientific Institute, IRCCS Eugenio Medea, Bosisio Parini, Italy

2008: Course on the diagnosis and rehabilitation of cognitive functions in neuropsychological disorders in childhood and adolescence - IRCCS Research Institute Stella Maris Foundation, Pisa, Italy (Certificate of participation)

2010: Post-graduate research internship at the Institut universitaire en santé mentale de Québec, Québec, Canada (Scientific Director: Prof. M. Maziade; Project Supervisor: Dr. A. Bureau)

2011: International Workshop on Statistical Methodology for Human Genomic Studies - Institute for Behavioural Genetics, University of Colorado, Boulder, Colorado, USA (Certificate of participation)

2012: Full-time research assistant to Dr. C. Marino at the Child Psychopathology Unit (Primary Physician: Dr. M. Molteni), Scientific Institute, IRCCS Eugenio Medea, Bosisio Parini, Italy

2012: Short-listed for a 24-months post-doc position at the Genes Environment Lifespan (GEL) Laboratory – Centre for Brain and Cognitive Development (rif. 10649), Birbeck College – University of London

2013: Post-doc internship at the Institut universitaire en santé mentale de Québec, Québec, Canada (Project Supervisors: Dr. A. Bureau and Dr. C. Marino)
Post-doc internship at the Zentralinstitut für Seelische Gesundheit, Mannheim, Germany (Project Supervisors Prof. M. Laucht and Dr. M. Nobile)

2013: Short-listed for a 24-months post-doc position at the Social, Genetic & Developmental Psychiatry Centre (SGDPC) (rif. 57713), MRC – Social, Genetic & Developmental Psychiatry Centre (King's College London)

2014: FENS-SNF Summer School 2014 "Neurodevelopmental psychiatric disorders" (Certificate of participation)

Further clinical training:

2007-2008: Post-graduate internship at the General Psychiatry Unit (Primary Physician: Prof. E. Smeraldi), San Raffaele Hospital, Milan, Italy

2012–2015: Scuola di formazione in psicoterapia cognitiva e cognitivo-comportamentale (Cognitive and Behavioural Psychotherapy School), Milan, Italy (Italian Licence: practicing Cognitive and Behavioural Psychoptherapist)

2014-2015: Master in Cognitive and Behavioural Psychotherapy with Children and Adolescent (Studi Cognitivi - Cognitive and Behavioural Psychotherapy School, Milan, Italy)

Student scholarships, Fellowships and Honors:

2012: Travel bursary for the 2012 meeting of the Behavior Genetics Association in Edinburgh BGA 2012 Annual Meeting (Scotland) - Behavior Genetics Association

2016: Best Poster of the Congress - Giornate di neuropsicologia dell'età evolutiva, XI edizione: Bressanone (Italy) 20-23 gennaio 2016

2017: 3-month research fellowship at the Haskins Laboratories, Yale University - New Haven, CT (U.S.A.). Progetto Professionalità "Ivano Becchi" Edizione 2016/2017 – Fondazione Banca del Monte di Lombardia

2017: Journal of Human Genetics Young Scientist Award (YSA) 2017 - 62nd Annual Meeting of the Japan Society of Human Genetics, November 15-18, 2017

2019: Best Poster of the Congress - Giornate di neuropsicologia dell'età evolutiva, XIV edizione: Bressanone (Italy) 23-26 gennaio 2019

Past teaching appointments:

14-16 June 2016: Training session about "Molecular genetic analysis" at the Research Unit on Child Psychosocial Maladjustment (GRIP) - Laval University, Québec City, Canada

2010 – 2013: Teaching assistant (Prof. M. Battaglia and Dr. A. Ogliari) - Vita-Salute San Raffaele University, Milan, Italy

2011 – 2013: Adjunt Instructor (Prof. M. Battaglia) - Vita-Salute San Raffaele University, Milan, Italy

Past clinical appointments:

2010-2013: Clinical consultant at the Developmental Psychopathology Unit (Primary Physician: Prof. M. Battaglia), San Raffaele Hospital, Milan, Italy

2009-2014: Clinical consultant at the Child and Adolescent Neuropsychiatric Unit (Primary Physician: Dr. M. Molteni), Associazione La Nostra Famiglia, Bosisio Parini, Lecco, Italy

Professional consultations:

- Ad-hoc Referee for scientific Journals, including: Genes Brain and Behaviour, Journal of Human Genetics, Molecular Psychiatry, Human Genetics, Brain & Behavior, American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, European Journal of Neurology, Journal of Applied Developmental Psychology, Neuropsychologia, PlOS One, Behavioural Neurology, Scientific Studies of Reading.
- Ad-hoc Referee for the PhD Programme in Multimedia Communication of the University of Udine (Italy)

Previous supervising experience (in the last five years):

• Research assistants: 2
• Graduate students: 4
• Interns: 14

Grants ongoing/recently completed:

- 2013-2014: (P.I: Dr. S. Mascheretti) Italian Ministry of Health Research Grant "The influence of genetic and environmental factors on developmental dyslexia-related cognitive phenotypes" (total sum: 75.000,00€, 24 months).
- 2015: (P.I.s: Drs. F. Arrigoni and S. Mascheretti) Scientific Institute, IRCCS Eugenio Medea Funds "Neurogenetics of developmental dyslexia: a pilot study" (total sum: 10.000,00€, 9 months).
- 2015-2017: (P.I: Dr. S. Mascheretti) Italian Ministry of Health Research Grant "Developmental dyslexia: Prognostic and preventive factors" (total sum: 225.000,00€, 36 months).
- 2018: (P.I: Dr. S. Mascheretti) Italian Ministry of Health Research Grant "Cognitive neurogenetics of developmental dyslexia: From genes to behavior" (total sum: 45.000,00€, 12 months).
- 2019: (P.I: Dr. S. Mascheretti) Italian Ministry of Health Research Grant "Cognitive neurogenetics of developmental dyslexia: From genes to behavior" (total sum: 50.000,00€, 12 months).
- Participation as recruiting center in the "Imaging genetics in SRD: Mega- and meta-analyses" - NIH grant 2P50HD052120-11 (PI: Prof. Nicole Landi – Haskins Laboratories-Yale University, New Haven, CT, USA)

Oral presentation:

- 22nd European Congress of Psychiatry (1-4 March 2014, Munich, Germany) - Short-Oral Presentation "*The DCDC2/intron 2 deletion impairs selectively the magnocellular-dorsal stream in normal readers*" Mascheretti S., Gori S., Ruffino M., Quadrelli E., Facoetti A., Marino C.
- 22nd European Congress of Psychiatry (1-4 March 2014, Munich, Germany) - Short-Oral Presentation "Grin2B targets the most severe cognitive and behavioral impairments among disadvantaged children" (Riva V., Battaglia M., Cattaneo F., Lazazzera C., Mascheretti S., Giorda R., Nobile M., Maziade M., Marino C.)
- XVI World Congress of Psychiatry (14-18 September 2014, Madrid, Spain) – Oral Presentation "*An Assessment of Gene-by-Gene Interactions in Developmental Dyslexia*" Mascheretti S., Bureau A., Giorda R., Marino C.
- Reading in the Forest – International Workshop on Reading and Dyslexia (26-28 October 2015, University of Kaiserlautern, Germany) – Oral Presentation "*The Endophenotype Concept in Psychiatry: A pioneering Study in Developmental Dyslexia*"
- Dislessia e disturbi dell'apprendimento: Nuove direzioni fra clinica e ricerca (21-22 October 2016, Ospedale Pediatrico Bambino Gesù, Rome, Italy) – Invited Speaker "*«The first story is about connecting the dots» - Bridging the gap between genes, brain function and behavior*"
- 2017 American Society of Criminology (15-18 November 2017, Philadelphia, USA) – Session 'The Influence of Genes, Aggression, and Emotional Dysfunctions in Criminal Behavior' (Prof. Efferson): Oral Presentation "*Evidence of cumulative serotonergic genes as both risk and protective*

factors for delinquency in adolescence and adulthood" (Langevin S., Mascheretti S., Ouellet-Morin I.)

- Neuroscienze e Psichiatria - Quale presente e quale futuro? (Milan, November 5-6 2018) – Invited Speaker "*Fattori genetici ed ambientali nello sviluppo dei disturbi psichiatrici*"
- Giornate di neuropsicologia dell'età evolutiva, XIV edizione (Bressanone, January 23-26 2019) – Invited Speaker "*Dai geni al comportamento: Quali effetti identificabili?*"
- XVIII Congresso AIRIPA 2019 (Ferrara, September 27-29 2019) – Invited Speaker "*Basi genetiche della dislessia*"

Poster presentation:

- Conference on Developmental Dyslexia: Searching the Links between Neurocognitive Functions (Rome 9-10 October 2009) - Poster Presentation "*Association of multisensory attentional engagement with the CHRNA4 gene in developmental dyslexia*" (Marino C., Facoetti A., Rusconi M., Citterio A., Mascheretti S., Ruffino M., Giorda R., Salandi A., Lorusso M.L., Molteni M.)
- BGA 2012 Annual Meeting (21-26 June 2012, Edinburgh, Scotland) - Poster Presentation "*An Assessment of Gene-by-Environment Interaction Effects on Neuropsychological Phenotypes Related to Developmental Dyslexia: the Role of the DYX1C1, DCDC2, KIAA0319 and ROBO1 Genes and of Specified Putatively Hazardous Factors*" (Mascheretti S., Bureau A., Battaglia M., Simone D., Quadrelli E., Croteau J., Cellino M.R., Giorda R., Beri S., Maziade M., Marino C.)
- Third Oxford-Kobe Symposium (11-13 April 2013, Oxford, England) - Poster Presentation "*GRIN2B genetic variants and susceptibility to Developmental Dyslexia*" (Mascheretti S., Facoetti A., Beri S., Riva V., Cellino M.R., Marino M.)
- Giornate di neuropsicologia dell'età evolutiva, IX edizione (15-18 gennaio 2014, Bressanone, Italy) - Poster Presentation "*La delezione dell'introne 2 del gene DCDC2 compromette selettivamente la via magnocellulare-dorsale in soggetti normo-lettori*" (Mascheretti S., Gori S., Rufifno M., Quadrelli E., Facoetti A., Marino C.)
- XVI World Congress of Psychiatry (14-18 September 2014, Madrid, Spain) – Poster Presentation "*GRIN2B mediates susceptibility to affective problems in children and adolescents*" (Bianchi V., Brambilla P., Mascheretti S., Garzitto M., Fornasari L., Bonivento C., Piccin S., Bellina M., Tesei A., Molteni M., Nobile M.)
- XVI World Congress of Psychiatry (14-18 September 2014, Madrid, Spain) – Poster Presentation "*Role of M2 muscarinic receptors in the development of self-directedness in children and adolescent"* (Bellina M., Brambilla P., Mascheretti S., Garzitto M., Fornasari L., Bonivento C., Giorda R., Bianchi V., Molteni M., Nobile M.)
- Vision Sciences Society 15th Annual Meeting (15-20 May 2015, Florida, USA) - Poster Presentation "*Illusory Motion Perception Is Impaired in individuals with DCDC2 Intron 2 Deletion showing the Selective Role of Magnocellular-Dorsal Stream in Dyslexia*" (Mascheretti S., Gori S., Giora E., Ronconi L., Ruffino M., Quadrelli E., Facoetti A., Marino C.)
- XXIII World Congress of Psychiatric Genetics (16-20 October 2015, Toronto, Canada) - Poster Presentation "*Unravelling the etiological pathways underlying the comorbidity between developmental dyslexia and attention deficit/hyperactivity disorder*" (Mascheretti S., Trezzi V., Giorda R., Dionne G., Marino C.)
- Giornate di neuropsicologia dell'età evolutiva, XI edizione (20-23 gennaio 2016, Bressanone, Italy) – Poster Presentation "*Il concetto di endofenotipo in psichiatria: uno studio pioneristico nella dislessia evolutiva*" (Trezzi V., Mascheretti S., Gori S., Ruffino M., Facoetti A., Marino C.)
- Giornate di neuropsicologia dell'età evolutiva, XI edizione (20-23 gennaio 2016, Bressanone, Italy) – Poster Presentation "*Quanto specifico è il disturbo del linguaggio? Evidenza di un deficit parietale destro*" (Sali M.E., Mascheretti S., Bertoni S., Trezzi V., Molteni M., Ronconi L., Franceschini S., Gori S., Facoetti A.)
- Dislessia e disturbi dell'apprendimento: Nuove direzioni fra clinica e ricerca (21-22 October 2016, Ospedale Pediatrico Bambino Gesù, Rome, Italy) – Poster Presentation "*Complex effects of dyslexia*

risk factors account for ADHD traits: Evidence from two independent samples" (Trezzi V., Mascheretti S., Giorda R., Boivin M., Plourde V., Vitaro F., Brengden M., Dionne G., Marino C.)

- Dislessia e disturbi dell'apprendimento: Nuove direzioni fra clinica e ricerca (21-22 October 2016, Ospedale Pediatrico Bambino Gesù, Rome, Italy) – Poster Presentation "*Visual motion and rapid auditory processing are solid endophenotypes of developmental dyslexia*" (Mascheretti S., Gori S., Trezzi V., Ruffino M., Faocetti A., Marino C.)
- Dislessia e disturbi dell'apprendimento: Nuove direzioni fra clinica e ricerca (21-22 October 2016, Ospedale Pediatrico Bambino Gesù, Rome, Italy) – Poster Presentation "*A common genetic variant in FOXP2 is associated with language-based learning (dis)abilities: Evidence from two Italian independent samples*" (Mozzi A., Riva V., Forni D., Sironi M., Marino C., Molteni M., Riva S., Guerini F.R., Clerici M., Cagliani R., Mascheretti S.)
- Dislessia e disturbi dell'apprendimento: Nuove direzioni fra clinica e ricerca (21-22 October 2016, Ospedale Pediatrico Bambino Gesù, Rome, Italy) – Poster Presentation "*Synergistic Effect of READ1 and KIAA0319 on Development Dyslexia: A replication study*" (Trezzi V., Forni D., Giorda R., Villa M., Molteni M., Marino C., Mascheretti S.)
- OHBM 2017 - Organization for Human Brain Mapping (25-29 June 2017, Vancouver, Canada) – Poster Presentation "*Investigation of magno-cellullar and parvo-cellular pathways in developmental dyslexia*" (Arrigoni F., Peruzzo D., Trezzi V., Nordio A., Mascheretti S.)
- 3rd meeting of the New England Research on Dyslexia Society conference (21 October 2017, Storrs, CT, USA) – Poster Presentation "*The DCDC2/intron 2 Deletion and Magnocellular Visual Stream: A Preliminary fMRI Study in Developmental Dyslexia Testing Main Effects and Interactions*" (Mascheretti S., Peruzzo D., Trezzi V., Nordio A., Giorda R., Villa M., Marino C., Arrigoni F.)
- 3rd meeting of the New England Research on Dyslexia Society conference (21 October 2017, Storrs, CT, USA) – Poster Presentation "*Testing for the Mediation Role of Endophenotypes Using Molecular Genetic Data in Reading (dis)ability*" (Mascheretti S., Riva V., Trezzi V., Giorda, R., Villa M., Dionne G., Gori S., Marino C., Facoetti A.)
- XXV Annual Meeting Society for the Scientific Study of Reading (Brighton, July 18-21 2018) - Interactive Poster "*Investigation of magno- and parvo-cellular pathways in developmental dyslexia*" (Mascheretti S, Peruzzo D, Trezzi V, Nordio A, Marino C, Arrigoni F)
- XXV Annual Meeting Society for the Scientific Study of Reading (Brighton, July 18-21 2018) – Interactive Poster "*The genetic/environmental transmissions and innovations across reading from ages 5 to 15 years*" (Dionne G, Mascheretti S, Henry J, Boivin M, Vitaro F, Brendgen M, Marino C)
- Giornate di neuropsicologia dell'età evolutiva, XIV edizione (Bressanone, January 23-26 2019) – Poster Presentation "*Testing for the mediation role of endophenotypes using molecular genetic data in developmental dyslexia*" (Andreola C, Mascheretti S, Riva V, Trezzi V, Giorda R, Villa M, Dionne G, Gori S, Marino C, Facoetti A)
- Giornate di neuropsicologia dell'età evolutiva, XIV edizione (Bressanone, January 23-26 2019) – Poster Presentation "*Investigation of magno and parvo-cellular pathways in developmental dyslexia*" (Andreola C, Mascheretti S, Peruzzo D, Trezzi V, Nordio A, Marino C, Arrigoni F)
- 49th Behavior Genetics Annual Meeting (Stockholm, June 26-29 2019) – Poster Presentation "*The genetic/environmental transmissions and innovations across 8 reading measures from ages 5 to 15 years*" (Dionne G, Mascheretti S, Feng B, Remon A, Aubé S, Marino C, Vitaro F, Brendgen M, Boivin M)
- 49th Behavior Genetics Annual Meeting (Stockholm, June 26-29 2019) – Poster Presentation "*The molecular basis of the genetic stability across reading from ages 5 to 15 years*" (Mascheretti S, Forni D, Boivin M, Gouin JP, Brengen M, Vitaro F, Marino C, Dionne G)

Language spoken:

Italian: mother language

Self-assessment European level (*)	Understanding		Speaking		Writing
	Listening	Reading	Interaction	Production	
English	C1	C2	C1	C1	C1
French	C1	C1	C1	C1	C1

(*) Common European Framework of Reference (CEF) level

Technical skills and Competences:
Windows Microsoft Package, database management and data analysis
Statistical Software: SPSS, R Statistical Environment, FAMILY-BASED ASSOCIATION TEST – FBAT TOOLKIT, PBAT, QTDT, PLINK, FREESURFER

Milan, May 8th, 2020

Publication List

1. Langevin S, *Mascheretti S*, Côté S, Vitaro F, Boivin M, Turecki G, Tremblay RE, Ouellet-Morin I. Cumulative risk and protection effect of serotonergic genes on male antisocial behavior: Results from a prospective cohort assessed in adolescence and early adulthood. *The British Journal of Psychiatry, 2019, 2014:137-145*. IF: 5.867
2. Perdue M*, *Mascheretti S**, Kornilov S.A., Jasinska K.K., Ryherda K., Mencl W.E., Frost S.J., Grigorenko E.L., Pugh K.R., Landi N. Common variation within SETBP1 is associated with reading-related skills and patterns of functional neural activation. *Neuropsychologia, 2019, 130:44-51*. IF: 2.888
3. Riva V, Mozzi A, Forni D, Trezzi V, Giorda R, Riva S, Villa M, Sironi M, Cagliani R, *Mascheretti S*. The influence of DCDC2 risk genetic variants on reading: Testing main and haplotypic effects. *Neuropsychologia, Neuropsychologia, 2019, 130:52-58*. IF: 2.888
4. *Mascheretti S*, Andreola C, Scaini S, Sulpizio S. Beyond genes: A systematic review of environmental risk factors in specific reading disorder. *Research in Developmental Disabilities, 2018, 82:147-152*. IF: 1.630
5. Franceschini S, *Mascheretti S*, Bertoni S, Trezzi V, Andreola C, Gori S, Facoetti A. Sluggish dorsally-driven inhibition of return during orthographic processing in adults with dyslexia. *Brain and Language, 2018,179:1-10*. IF: 2.439
6. *Mascheretti S**, Gori S*, Trezzi V, Ruffino M, Facoetti A, Marino C. Visual motion and rapid auditory processing are solid endophenotypes of developmental dyslexia. *Genes Brain and Behavior, 2018,17:70-81*. IF: 3.743
7. Trezzi V, Forni D, Giorda R, Villa M, Molteni M, Marino C, *Mascheretti S*. The role of READ1 and KIAA0319 genetic variations in developmental dyslexia: Testing main and interactive effects. *Journal of Human Genetics, 2017, 62:949-955*. IF: 2.471
8. Mozzi A*, Riva V*, Forni D, Sironi M, Marino C, Molteni M, Riva S, Guerini FR, Clerici M, Cagliani R*, *Mascheretti S**. A common genetic variant in FOXP2 is associated with language-based learning (dis)abilities: Evidence from two Italian independent samples. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, in press, DOI: 10.1002/ajmg.b.32546*. IF: 3.391
9. Riva V, Cantiani C, Dionne G, Marini A, *Mascheretti S*, Molteni M, Marino C. Working memory mediates the effects of gestational age at brth on expressive language development in children. *Neuropsychology, 2017, 31:475-485*. IF: 3.682
10. *Mascheretti S**, De Luca A*, Trezzi V, Peruzzo D, Nordio A, Marino C, Arrigoni F. Neurogenetics of developmental dyslexia: From genes to behavior through brain neuroimaging and cognitive and sensorial mechanisms. *Translation Psychiatry, 2017, 7(1):e987*. IF: 5.538
11. *Mascheretti S*, Trezzi V, Giorda R, Plourde V, Vitaro F, Brendgen M, Boivin M, Dionne G, Marino C. Complex effects of dyslexia risk factors account for ADHD-traits: Evidence from two independent samples. *Journal of Child Psychology and Psychiatry, 2017, 58(1):75-82*. IF: 6.615
12. Mozzi A, Forni D, Clerici M, Pozzoli U, *Mascheretti S*, Guerini FR, Riva S, Bresolin N, Cagliani R, Sironi M. The evolutionary history of genes involved in spoken and written language: beyond FOXP2. *Scientific Reports, 2016, 25(6):22157*. IF: 5.578
13. Zohsel K*, Bianchi V*, *Mascheretti S*, Hohm E, Schmidt M.H., Esser G., Brandeis D., Banaschewski T, Nobile M*, Laucht M.* Monoamine oxidase A polymorphism moderates stability of attention problems and susceptibility to life stress during adolescence. *Genes Brain Behav, 2015, 14(8):565-572*. IF: 3.661
14. *Mascheretti S**, Gori S*, Giora E, Ronconi L, Ruffino M, Quadrelli E, Facoetti A, Marino C. Illusory Motion Perception Is Impaired in individuals with DCDC2 Intron 2 Deletion showing the Selective Role of Magnocellular-Dorsal Stream in Dyslexia. *Journal of Vision, 2015, 15:481*. IF: 2.393

15. *Mascheretti S*, Bureau A, Giorda R, Trezzi V, Marino C. An assessment of gene-by-gene interactions as a tool to unfold missing heritability in dyslexia. *Hum Genet, 2015, 134(7):749-760*. IF: 4.824
16. Cicchini G, Marino C, *Mascheretti S*, Perani D, Morrone MC. Strong motion deficits in dyslexia associated with DCDC2 gene alteration, *J Neurosci, 2015, 35(21):8059-8064*. IF: 6.75
17. Gori S*, *Mascheretti S**, Giora E, Ronconi L, Ruffino M, Quadrelli E, Facoetti A, Marino C. The *DCDC2*/intron 2 deletion impairs selectively the magnocellular-dorsal stream in normal-readers, *Cereb Cortex, 2015; 25(6):1685-1695*. IF: 8.665
18. *Mascheretti S*, Marino C, Simone D, Quadrelli E, Riva V, Cellino MR, Maziade M, Brombin C, Battaglia M. Putative risk factors in Developmental Dyslexia: a case-control study of Italian children. *J Learn Disabil, 2015, 48(2):120-129*. IF: 2.025
19. *Mascheretti S*, Facoetti A, Giorda R, Beri S, Riva V, Trezzi V, Cellino MR, Marino C. *GRIN2B* mediates susceptibility to IQ and cognitive impairments in Developmental Dyslexia, *Psychiatr Genet, 2015, 25(1):9-20*. IF: 1.941
20. Riva V, Battaglia M, Nobile M, Cattaneo F, Lazazzera C, *Mascheretti S*, Giorda R, Mérette C, Emond C, Maziade M, Marino C. *GRIN2B* predicts attention problems among disadvantaged children. *Eur Child Adolesc Psychiatry, 2015, 24(7):827-836*. IF: 3.366
21. Marino C*, Scifo P*, Della Rosa PA*, *Mascheretti S*, Facoetti A, Lorusso ML, Giorda R, Consonni M, Falini A, Molteni M, Gruen JR, Perani D. The DCDC2/intron 2 deletion and white matter disorganization: Focus on developmental dyslexia. *Cortex, 2014; 57:227-243*. IF: 5.128
22. Eicher JD, Powers NR, Miller LL, Mueller KL, *Mascheretti S*, Marino C, Willcutt EG, DeFries JC, Olson RK, Smith SD, Pennington BF, Tomblin JB, Ring SM, Gruen JR. Characterization of the DYX2 locus on chromosome 6p22 with reading disability, language impairment, and IQ. *Hum Genet, 2014,133(7):869-881*. IF: 4.824
23. *Mascheretti S*, Riva V, Giorda R, Beri S, Lanzoni LFE, Cellino MR, Marino C. KIAA0319 and ROBO1: Evidence on association with reading and pleiotropic effects on language and mathematics abilities in Developmental Dyslexia, *J Hum Genet, 2014,59(4):189-197*. IF: 2.462
24. *Mascheretti S*, Bureau A, Battaglia M, Simone D, Quadrelli E, Croteau J, Cellino MR, Giorda R, Beri S, Maziade M, Marino C. An Assessment of Gene-by-Environment Interactions in Developmental Dyslexia-Related Phenotypes. *Genes Brain Behav, 2013, 12(1):47-55*. IF: 3.505
25. Marino C, Meng H, *Mascheretti S*, Rusconi M, Cope N, Giorda R, Molteni M, Gruen JR. DCDC2 genetic variants and susceptibility to Develomental Dyslexia. *Psychiatr Genet, 2012, 22(1):25-30*. IF: 2.365
26. Marino C, *Mascheretti S*, Riva V, Cattaneo F, Rigoletto C, Rusconi M, Gruen JR, Giorda R, Lazazzera C, Molteni M. Pleiotropic effects of DCDC2 and DYX1C1 genes on language and mathematics traits in nuclear families of Developmental Dyslexia. *Behav Genet, 2011, 41(1):67-76*. IF: 2.520

Chapter in Books

1. Marino C, *Mascheretti S*, Facoetti A, and Molteni M. Investigation of candidate genes in families with Developmental Dyslexia. In: *Developmental Dyslexia: Cross-Disciplinary Insights on Early Precursors, Expression, and Remediation. Extraordinary Brain Series*, edited by April Benasich and R. Holly Fitch. Brookes Publishing Co., Baltimore, Maryland, 2012.

Author h-index: 11 (Scopus – May 2020)
Author h-index without self citations: 11 (Scopus – May 2020)

Milan, May 8th, 2020

* These authors equally contributed to the work.