Curriculum vitae - Mirta Fiorio

## Personal data

Name and surname: **Mirta Fiorio**
Date of birth: **31-05-1975**
Nationality: **Italian**
Institutional website: http://www.dsnm.univr.it/?ent=persona&id=1469
Research gate: https://www.researchgate.net/profile/Mirta_Fiorio

## Current position

**Full Professor** of **Neuropsychology and cognitive neuroscience**, Department of Neuroscience, biomedicine and movement sciences, University of Verona, Verona, Italy

## Education

2005 **PhD in Psychological and Psychiatric sciences**, University of Verona
2002 Qualification as psychologist, University of Padua
2000 **Degree in Psychology**, University of Padua. Graduated With Highest Honors (110/110 cum laude)

## Positions and scientific appointments

2025- Elected president of the Italian Society of psychophysiology and cognitive neuroscience
2024- President of the Sport science faculty, University of Verona, Verona
2021- Voting member Institutional Review Board, University of Verona, Verona
2020- Review Editor, Frontiers in Human Neuroscience
2019- Associate Editor, Scientific Reports
2017- Associate Editor, Frontiers in Neurology
2017 National scientific qualification as Full professor in Cognitive Neuroscience.
2015- Faculty member PhD program in Neuroscience, University of Verona
2015 Visiting researcher at the Department of Neurology, University of Leipzig (Germany).
2014-2022 Associate Professor of Cognitive Neuroscience, University of Verona, Verona, Italy
2011-2014 Assistant professor of Cognitive Neuroscience, University of Verona
2005-2011 Postdoctoral fellow, University of Verona
2008 Visiting researcher at the Neurophysiology laboratory, University of Würzburg (Germany).
2003-2004 Visiting student at the Institute of Cognitive Neuroscience, University College of London

## Awards and honours

2015 Susanne Klein-Vogelbach prize for research of human movement
2013 Young investigator award Italian Association for Research in Dystonia
2012 Best poster award Italian Society of Neurology
2010 Best poster award DISOMV-SIN
2007 David Marsden award to young scientist European Dystonia Federation
2006 Best poster award Italian Society of Neurology
2006 Cover presentation in the journal *Brain* 2006; volume 129 (Issue 1)
2004 Best poster award Touch-Temperature-Pain-Pleasure Meeting

## Membership

2019–present Member of the steering committee of the Italian Society of Psychophysiology and Cognitive Neuroscience (SIPF)
2016–present Member of the Society for Interdisciplinary Placebo Studies (SIPS)
2015–present Member of the Italian Society of Psychophysiology and Cognitive Neuroscience
2010–present Member of the Italian Association of Movement Disorders and Parkinson's Disease
2009 Member of the Cognitive Neuroscience Society and Federation of European Neuroscience (FENS)

## Bibliometrics (Scopus, Nov 2025)

Number of published papers: 101
Number of received citations: 2988
H-index: 30
Scopus Author ID: 6603838408
ORCID ID: 0000-0002-6356-0211

**Selected publications**

1. Emadi Andani M, Braga M, Da Dalt F, Piedimonte A, Carlino E, Fiorio M. Premovement activity in the corticospinal tract is amplified by the placebo effect: an active inference account. Soc Cogn Affect Neurosci. 2025 Jan 20;20(1):nsaf014.
2. Emadi Andani M, Barbiani D, Bonetto M, Menegaldo R, Villa-Sánchez B, Fiorio M. Preserving the placebo effect after disclosure: A new perspective on non-deceptive placebos. Br J Psychol. 2024 Aug;115(3):437-453.
3. Fiorio M, Braga M, Marotta A, Villa-Sànchez B, Edwards MJ, Tinazzi M, Barbiani D. Functional neurological disorder and placebo and nocebo effects: shared mechanisms. Nature Reviews Neurology 2022; 18(10):624-635.
4. Marotta A, Braga M, Fiorio M. Trait-related neural basis of attentional bias to emotions: a tDCS study. Cogn Affect Behav Neurosci. 2023 Oct;23(5):1291-1302.
5. Fiorio M, Villa-Sánchez B, Rossignati F, Emadi Andani M. The placebo effect shortens movement time in goal-directed movements. Scientific Reports 2022;12(1):19567.
6. Braga M, Barbiani D, Emadi Andani M, Villa-Sánchez B, Tinazzi M, Fiorio M. The Role of Expectation and Beliefs on the Effects of Non-Invasive Brain Stimulation. Brain Sciences 2021;11(11):1526.
7. Villa-Sánchez B, Emadi Andani M, Cesari P, Fiorio M. The effect of motor and cognitive placebos on the serial reaction time task. European Journal of Neuroscience 2021;53(8):2655-2668.
8. Marotta A, Re A, Zampini M, Fiorio M. Bodily self-perception during voluntary actions: The causal contribution of premotor cortex and cerebellum. Cortex 2021;142:1-14.
9. Emadi Andani M, Villa-Sánchez B, Raneri F, Dametto S, Tinazzi M, Fiorio M. Cathodal Cerebellar tDCS Combined with Visual Feedback Improves Balance Control. Cerebellum 2020;19(6):812-823.
10. Fiorio M, Modenese M, Cesari P. The rubber hand illusion in hypnosis provides new insights into the sense of body ownership. Scientific Reports 2020;10(1):5706.
11. Corsi N, Emadi Andani M, Sometti D, Tinazzi M, Fiorio M. When words hurt: Verbal suggestion prevails over conditioning in inducing the motor nocebo effect. European Journal of Neuroscience 2019;50(8):3311-3326.
12. Villa-Sánchez B, Emadi Andani M, Menegaldo G, Tinazzi M, Fiorio M. Positive verbal suggestion optimizes postural control. Scientific Reports 2019;9(1):6408.
13. Villa-Sánchez B, Emadi Andani M, Fiorio M. The role of the dorsolateral prefrontal cortex in the motor placebo effect. European Journal of Neuroscience 2018;48(11):3410-3425.
14. Colloca L, Corsi N, Fiorio M. The interplay of exercise, placebo and nocebo effects on experimental pain. Scientific Reports 2018;8(1):14758.
15. Rossettini G, Emadi Andani M, Dalla Negra F, Testa M, Tinazzi M, Fiorio M. The placebo effect in the motor domain is differently modulated by the external and internal focus of attention. Sci Rep. 2018; 8(1):12296.
16. Perruchoud D, Fiorio M, Cesari P, Ionta S. Beyond variability: Subjective timing and the neurophysiology of motor cognition. Brain Stimul. 2018;11(1):175-180.
17. Corsi N, Emadi Andani M, Tinazzi M, Fiorio M. Changes in perception of treatment efficacy are associated to the magnitude of the nocebo effect and to personality traits. Sci Rep. 2016;6:30671.
18. Fiorio M, Emadi Andani M, Marotta A, Classen J, Tinazzi M. Placebo-induced changes in excitatory and inhibitory corticospinal circuits during motor performance. Journal of Neuroscience 2014;34:3993-4005.
19. Fiorio M, Mariotti C, Panzeri M, Antonello E, Classen J, Tinazzi M. The role of the cerebellum in dynamic changes of the sense of body ownership: A study in patients with cerebellar degeneration. J Cogn Neurosci 2014;26(4):712-21.
20. Tinazzi M, Marotta A, Fasano A, Bove F, Bentivoglio AR, Squintani G, Pozzer L, Fiorio M. Aristotle's illusion reveals inter-digit functional somatosensory alterations in focal hand dystonia. Brain 2013; 136(Pt 3):782-9.